



tct2018 3th
SEPTEMBER 21-25, 2018
SAN DIEGO, CA ANNIVERSARY

30 YEARS OF GROUNDBREAKING
SCIENCE, TRAINING, AND INNOVATION



A background image showing a blurred crowd of people at a conference, overlaid with large, overlapping teal and orange circular shapes.

AGENDA

» TCTCONFERENCE.COM
#TCT2018



Cardiovascular
Research Foundation

FRIDAY, SEPTEMBER 21, 2018			
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ORAL ABSTRACT SESSIONS

ORAL ABSTRACTS: ADVANCED FFR-GUIDED DECISION MAKING

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM

Room 23B-C, Upper Level
Accreditation: CME, MOC

1:00 PM - 2:00 PM

Advanced FFR-Guided Decision Making

Moderators: Allen Jeremias

Discussants: Takashi Akasaka, Daniel Chamie, Jose de Ribamar Costa Jr, Patrick Dupouy, Stephen P. Hoole, Giampaolo Niccoli, Expedito Eustáquio Ribeiro

1:00 PM **TCT 9: Coronary Pressure and Flow in Patients With Severe Aortic Stenosis and Coronary Artery Disease Undergoing TAVI: Implications for Clinical Indices of Coronary Stenosis Severity**
Lecturers: Yousif Ahmad, MD

1:10 PM **Roundtable Discussion With Audience QA**

1:15 PM **TCT 10: Physiological Versus Angiographic Guidance for Myocardial Revascularization in Patients Undergoing Transcatheter Aortic Valve Implantation**
Lecturers: Gabriele Pesarini

1:25 PM **Roundtable Discussion With Audience QA**

1:30 PM **TCT 11: Assessment of the Adenosine Dependent Hyperemic Response During the Subacute Phase of a Myocardial Infarction: Insights for FFR Guided Coronary Revascularization in Non Infarcted Related Arteries**
Lecturers: Hernan Mejia-Renteria

1:40 PM **Roundtable Discussion With Audience QA**

1:45 PM **TCT 12: Elevated FFR Values at the Acute Moment in Non Culprit Vessels of STEMI Patients due to Decreased Adenosine Responsiveness: A Comparison with the Adenosine Free iFR**
Lecturers: Nina Van der Hoeven

1:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: AMI OUTCOMES

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM

Room 26A-B, Upper Level
Accreditation: MOC, CME

1:00 PM - 2:00 PM

AMI Outcomes

Moderators: Angeles Alonso Garcia, Rajesh M. Dave

Discussants: Roberto Botelho, Warren J. Cantor, Jaya Chandrasekhar, Roberto Diletti, Guy J. Friedrich, Scott Harding

1:00 PM **TCT 21: Prognostic Impact of SYNTAX II Score in Patients With ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: Analysis of an 8 year All Comers Registry**
Lecturers: Ana Belen Cid Alvarez

1:10 PM **Roundtable Discussion with Audience QA**

1:15 PM **TCT 22: The Residual SYNTAX Score Predicts Prognosis in ST Elevation Myocardial Infarction in Both Single Vessel and Multivessel Disease**
Lecturers: Sonya Burgess

1:25 PM **Roundtable Discussion with Audience QA**

1:30 PM **TCT 23: Derivation and Validation of Temperature Recovery Time as an Invasive Predictor of Microvascular Obstruction and Prognosis After ST Segment Elevation Myocardial Infarction**
Lecturers: Annette Maznyczka

1:40 PM **Roundtable Discussion with Audience QA**

1:45 PM **TCT 24: Impact of Bleeding on Outcome and Predictive Value of Bleeding Scores in Patients With Cardiogenic Shock a Substudy of the CULPRIT SHOCK trial**
Lecturers: Anne Freund

1:55 PM **Roundtable Discussion with Audience QA**

ORAL ABSTRACTS: COMPLEX AND HIGHER RISK PROCEDURES FOR INDICATED PATIENTS (CHIP)

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM

Room 31B-C, Upper Level
Accreditation: CME, MOC

1:00 PM - 2:00 PM

Complex and Higher Risk Procedures for Indicated Patients (CHIP)

Moderators: Jeffrey W. Moses, George W. Vetrovec

Discussants: Todd J. Brinton, Louis A. Cannon, Stefan Harb, Jens Flensted Lassen, Robert T. Pyo, Habib Samady, William M Suh

1:00 PM **TCT 25: Radial Artery Access And Outcomes For Left Main Stem PCI: An Analysis of 19482 Cases From the British Cardiovascular Intervention Society National Database**
Lecturers: Tim Kinnaird

1:10 PM **Roundtable Discussion with Audience QA**

1:15 PM **TCT 26: Recanalization of Chronic Total Occlusions in Patients With vs Without Chronic Kidney Disease: the Impact of Contrast Induced Acute Kidney Injury**
Lecturers: Lorenzo Azzalini

1:25 PM **Roundtable Discussion with Audience QA**

1:30 PM **TCT 27: Left Ventricular Function Following Higher Risk Percutaneous Coronary Intervention Performed With Hemodynamic Support**
Lecturers: Juan Russo

- 1:40 PM **Roundtable Discussion with Audience QA**
- 1:45 PM **TCT 28: Repeat Chronic Total Occlusion Angioplasty Following an Unsuccessful CTO PCI Attempt: Predictors of Success and Association of Success with Angina Symptoms**
Lecturers: Adam C. Salisbury
- 1:55 PM **Roundtable Discussion with Audience QA**

- 1:00 PM **TCT 29: Procedural and Anatomic Predictors of Response in RADIANCE HTN SOLO: A Multicenter Randomized Sham Controlled Trial Of Endovascular Ultrasound Renal Denervation**
Lecturers: Ajay J. Kirtane
- 1:10 PM **Roundtable Discussion With Audience QA**
- 1:15 PM **TCT 30: Renal Denervation Improves Cardiac Function in a Swine Model of Heart Failure**
Lecturers: Traci Goodchild
- 1:25 PM **Roundtable Discussion With Audience QA**
- 1:30 PM **TCT 31: Comparison of Standard Renal Denervation Procedure versus Novel Distal and BranchVessel Procedure with Brachial Arterial Access**
Lecturers: Ivo Petrov
- 1:40 PM **Roundtable Discussion With Audience QA**
- 1:45 PM **TCT 32: ConfidenHTM System Diagnostic Electrical Mapping of Renal Nerves for Optimizing Renal Denervation Procedures**
Lecturers: Yehuda Zadok
- 1:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: EXCEL TRIAL SUBSTUDIES

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM
Room 33B-C, Upper Level
Accrediation: MOC,CME

1:00PM - 2:00 PM

EXCEL Trial Substudies

Moderators: Nicholas J. Lembo, Marie-Claude Morice
Discussants: Anibal A. Damonte, Fausto Feres, Dietmar H. Glogar, Thomas C. McAndrew, Tanveer Rab, Jie Zhao

- 1:00 PM **TCT 33: Mortality After Repeat Revascularization Following PCI or CABG for Left Main Coronary Artery Disease: The EXCEL Trial**
Lecturers: Gennaro Giustino
- 1:10 PM **Roundtable Discussion With Audience QA**
- 1:15 PM **TCT 34: Effect of Baseline Anemia on Outcomes After PCI and CABG in Patients With Left Main Disease: The EXCEL Trial**
Lecturers: Prakriti Gaba
- 1:25 PM **Roundtable Discussion With Audience QA**
- 1:30 PM **TCT 35: Impact of Cardiovascular Rehospitalizations Following PCI vs CABG for Left Main Coronary Artery Disease: A Sex Specific Analysis From the EXCEL Trial**
Lecturers: Ioanna Kosmidou
- 1:40 PM **Roundtable Discussion With Audience QA**
- 1:45 PM **TCT 36: The Impact of Guideline Directed Medical Therapy after Revascularization in Patients With Left Main Coronary Artery Disease: Analysis From the EXCEL Trial**
Lecturers: R. Jay Widmer
- 1:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: NOVEL STRUCTURAL HEART DISEASE THERAPIES

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM
Room 32A-B, Upper Level
Accrediation: MOC,CME

1:00PM - 2:00 PM

Novel Structural Heart Disease Therapies

Moderators: Eric Eeckhout, Glenn Van Langenhove
Discussants: Steven L. Almany, Igor F. Palacios, Fabien Praz, Stephen R. Ramee, Lars Sondergaard, Brian K. Whisenant

- 1:00 PM **TCT 17: Tricuspid Valve Regurgitation Reduction Following Concomitant Subvalvular and Annulus Level Treatment Ex Vivo Study**
Lecturers: Michal Jaworek
- 1:10 PM **Roundtable Discussion With Audience QA**
- 1:15 PM **TCT 18: Novel Concept Of Catheter Based Treatment For Tricuspid Regurgitation Cerclage TR Block: A Preliminary Animal Experiment in a Swine Model**
Lecturers: Min-Ku Chon
- 1:25 PM **Roundtable Discussion With Audience QA**
- 1:30 PM **TCT 19: Predicting TMVR Related LVOT Obstruction: Concept of Fluid Mechanics Modeling**
Lecturers: Keshav Kohli
- 1:40 PM **Roundtable Discussion With Audience QA**
- 1:45 PM **TCT 20: Left Ventricular Fluid Dynamics Simulation for Transcatheter Mitral Valve Replacement**

ORAL ABSTRACTS: HYPERTENSION AND RENAL DENERVATION

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM
Room 27A-B, Upper Level
Accrediation: CME,MOC

1:00PM - 2:00 PM

Hypertension and Renal Denervation

Moderators: Melvin D. Lobo, Ivo Petrov
Discussants: Mohammad El Tahlawi, Richard R. Heuser, Piotr Jankowski, Vasilios Papademetriou, Kintur Sanghvi, Konstantinos P. Tsioufis, Joachim Weil

1:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: TAVR PIVOTAL TRIALS

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 2:00 PM

Room 28D-E, Upper Level
Accrediation: CME,MOC

1:00PM - 2:00 PM

TAVR Pivotal Trials

Moderators: Charles J. Davidson, Jeffrey J. Popma

Discussants: Daniel J. Blackman, Pablo Lamelas, Michael J. Reardon, Kimberly A. Skelding, Konstantinos Spargias, Corrado Tamburino, Alan Zajarias

1:00 PM **TCT 13: 5 Year Outcomes From the Randomized Corevalve USPivotal High Risk Trial: Final Results**

Lecturers: Thomas Gleason

1:10 PM Roundtable Discussion With Audience QA

1:15 PM **TCT 14: Final 5 Year Outcomes Of The REPRIS II Study: Long Term Outcomes With the Fully Repositionable and Retrievable Lotus Transcatheter Aortic Valve**

Lecturers: Nicolas Dumontiel

1:25 PM Roundtable Discussion With Audience QA

1:30 PM **TCT 15: Two Year Outcomes After Transcatheter Aortic Valve Replacement With Mechanically versus Self Expandable Valves: Results From The REPRIS III Randomized Trial**

Lecturers: Michael J. Reardon

1:40 PM Roundtable Discussion With Audience QA

1:45 PM **TCT 16: Incidence Outcomes And Microbiologic Profile Of Prosthetic Valve Endocarditis After TAVR And SAVR: Insights From PARTNER**

Lecturers: Matthew Summers

1:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: BIORESORBABLE VASCULAR SCAFFOLDS

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 33B-C, Upper Level
Accrediation: MOC,CME

2:00PM - 3:00 PM

Bioresorbable Vascular Scaffolds

Moderators: Antonio L. Bartorelli, David G. Rizik

Discussants: Olivier F. Bertrand, Salvatore Brugaletta, Graham A. Cassel, Bernardo Cortese, Stephen G. Ellis, Stefan Harb, Yasuhiro Honda

2:00 PM **TCT 62: Five Year Clinical Outcomes With Everolimus Eluting Bioresorbable Scaffolds: Results From the Randomized ABSORB II Trial**

Lecturers: Patrick W. Serruys

2:10 PM Roundtable Discussion With Audience QA

2:15 PM **TCT 61: Clinical Outcomes Following Complete Bioresorption of the Absorb Everolimus Eluting Bioresorbable Scaffold: Four year Results from the ABSORB III Trial**

Lecturers: Dean J. Kereiakes

2:25 PM Roundtable Discussion With Audience QA

2:30 PM **TCT 63: Safety and Clinical Performance of the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects with de Novo Lesions in Native Coronary Arteries at 24 month follow up BIOSOLVE II and BIOSOLVE III**

Lecturers: Michael Haude

2:40 PM Roundtable Discussion With Audience QA

2:45 PM **TCT 64: Two Year Clinical and Imaging Outcomes of Thin Strut Sirolimus Eluting Bioresorbable Vascular Scaffolds in De Novo Coronary Artery Lesions: The MeRes 1 Trial**

Lecturers: Ricardo A. Costa

2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: CORONARY ARTERY SURGERY

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 26A-B, Upper Level
Accrediation: CME,MOC

2:00PM - 3:00 PM

Coronary Artery Surgery

Moderators: John D. Puskas, Alfredo Trento

Discussants: Joseph E. Bavaria, Stephan M. Ensminger, Stuart J. Head, Wilson Y. Szeto, Rashmi Yadav

2:00 PM **TCT 105: Non Periprocedural Myocardial Infarction After CABG in Patients With Left Main Disease: Analysis From the EXCEL Trial**

Lecturers: Bjorn Redfors

2:10 PM Roundtable Discussion With Audience QA

2:15 PM **TCT 107: Patient Centered Decision Making of Revascularization Strategy for Left Main or Multi Vessel Coronary Artery Disease in Real World Practice**

Lecturers: Choongki Kim

2:25 PM Roundtable Discussion With Audience QA

2:30 PM **TCT 108: Long term Survival After Hybrid Coronary Revascularization for Triple Vessel Disease: How Does it Compare to Coronary Artery Bypass Surgery or Multi Vessel Percutaneous Intervention**

Lecturers: Craig Basman

- 2:40 PM **Roundtable Discussion With Audience QA**
- 2:45 PM **TCT 106: Are Outcomes Following CABG for Left Main Disease Improving Over the Last Decade A Propensity Matched Analysis From the EXCEL and SYNTAX Randomized Trials**
Lecturers: Patrick W. Serruys
- 2:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: CT-FFR, QFR, AND OCT-FFR

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 23B-C, Upper Level

Accreditation: CME, MOC

2:00 PM - 3:00 PM

CT-FFR, QFR, and OCT-FFR

Moderators: Javier Escaned, Tim P. Van de Hoef

Discussants: Yaron Almagor, Niels R. Holm, Sreenivas Arramraju Kumar, Carmelo Panetta, Neal G. Uren, Bo Xu

- 2:00 PM **TCT 37: Diagnostic Performance of On Site CT Derived FFR. Comparison With Fusion Myocardial Perfusion and Invasive FFR**
Lecturers: Ryota Fukuoka
- 2:10 PM **Roundtable Discussion With Audience QA**
- 2:15 PM **TCT 38: Impact of FFRCT on Decision Making and Outcomes in Stable Coronary Artery Disease in North America: Results of the International ADVANCE Registry**
Lecturers: Koen Nieman
- 2:25 PM **Roundtable Discussion With Audience QA**
- 2:30 PM **TCT 39: Functional Assessment of In stent Restenosis With Quantitative Flow Ratio QFR. A Comparison With De Novo Coronary Stenoses**
Lecturers: Catherine Liontou
- 2:40 PM **Roundtable Discussion With Audience QA**
- 2:45 PM **TCT 40: Diagnostic Accuracy of Intracoronary Optical Coherence Tomography based Quantitative Flow Ratio for Assessment of Coronary Stenosis**
Lecturers: Shengxian Tu
- 2:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: MITRALCLIP STUDIES

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 28D-E, Upper Level

Accreditation: MOC, CME

2:00 PM - 3:00 PM

MitralClip Studies

Moderators: Eric A. Cohen, Brij Maini

Discussants: Bruce Bowers, John D. Carroll, Rajeev Narayan, Mark J. Ricciardi, Carlos E Sanchez, Neil J. Weissman

- 2:00 PM **TCT 45: Quality of Life Outcomes after Transcatheter Mitral Valve Repair in an Unselected Population. A Report from the STSACC TVT RegistryTM**
Lecturers: Suzanne V. Arnold
- 2:10 PM **Roundtable Discussion With Audience QA**
- 2:15 PM **TCT 46: Mitral Valve Gradient Heart Failure Admissions and One Year Mortality Following MitraClip Repair in 5378 Patients: Results from the ACCSTS TVT Registry**
Lecturers: Lowie Van Assche
- 2:25 PM **Roundtable Discussion With Audience QA**
- 2:30 PM **TCT 47: Longitudinal Adaption Of High Risk Patients Surviving Five Years After Successful MitraClip Implantation**
Lecturers: Eike Tigges
- 2:40 PM **Roundtable Discussion With Audience QA**
- 2:45 PM **TCT 48: Predictors of Procedural and Clinical Outcomes in Patients with Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge to Edge Repair**
Lecturers: Philipp Lurz

ORAL ABSTRACTS: NEW TAVR DEVICES

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 32A-B, Upper Level

Accreditation: CME, MOC

2:00 PM - 3:00 PM

New TAVR Devices

Moderators: David Hildick-Smith, Martin B. Leon

Discussants: Haim Danenberg, Samir R. Kapadia, Joachim Schofer, Didier Tchetché

- 2:00 PM **TCT 41: Acute and Six month Outcomes of a Novel Self Expanding Transcatheter Heart Valve**
Lecturers: Ulrich Schäfer
- 2:10 PM **Roundtable Discussion With Audience QA**
- 2:15 PM **TCT 42: An Early Feasibility Study to Assess Safety and Effectiveness of the Transfemoral JenaValve Pericardial TAVR System in the Treatment of Patients With Symptomatic Severe Aortic Stenosis AS**
Lecturers: Hendrik Treede
- 2:25 PM **Roundtable Discussion With Audience QA**
- 2:30 PM **TCT 43: First In Human Experience of a Novel Transradial Device for Embolic Deflection During Transcatheter Aortic Valve Replacement**
Lecturers: Andrejs Erglis
- 2:40 PM **Roundtable Discussion With Audience QA**
- 2:45 PM **TCT 44: Comparative Effectiveness and Safety of Five Leading New Generation TAVI Devices: 12 Month Results from The RISPEVA Study**

2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: PULMONARY ARTERY INTERVENTION

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 27A-B, Upper Level
Accreditation: MOC,CME

2:00 PM - 3:00 PM

Pulmonary Artery Intervention

Moderators: Shao-Liang Chen, Mitchell Weinberg

Discussants: Riyaz Bashir, Andrew J. Klein, Peter P. Monteleone, Alex M. K. Rothman, Amit Segev, Akhilesh K. Sista

2:00 PM **TCT 57: Hemodynamic and Functional Improvement Following Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Initial Experience at a High Volume Pulmonary Thromboendarterectomy Center**
Lecturers: Ehtisham Mahmud

2:10 PM Roundtable Discussion With Audience QA

2:15 PM **TCT 58: Cryoablation method for Pulmonary Artery Sympathetic Denervation in Patients with Chronic Heart Failure and Pulmonary Hypertension**
Lecturers: Boris Rudenko

2:25 PM Roundtable Discussion With Audience QA

2:30 PM **TCT 59: Outcomes of Catheter Directed Thrombolysis versus Standard Medical Therapy in Patients Admitted to Intensive Care Units with Submassive Pulmonary Embolism**
Lecturers: Stephen D'Auria

2:40 PM Roundtable Discussion With Audience QA

2:45 PM **TCT 60: Stent Treatment of Branch Pulmonary Artery Stenosis in Children With Congenital Heart Disease After Cardiac Surgery**
Lecturers: Saule Kadirova

2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: VULNERABLE PLAQUES AND VULNERABLE PATIENTS

FRIDAY, SEPTEMBER 21, 2018

2:00 PM - 3:00 PM

Room 31B-C, Upper Level
Accreditation: CME,MOC

2:00 PM - 3:00 PM

Vulnerable Plaques and Vulnerable Patients

Moderators: John A. Ambrose, Farouc A Jaffer

Discussants: Kalpa De Silva, Uzoma Ibebuogu, Ulf Landmesser, John A. McPherson, Nick E. J. West

2:00 PM **TCT 53: Role of Single OCT Morphological Variable in the CLIMA Trial Relationship between Coronary plaque morphology of the left anterior descending artery and long term clinical outcome**
Lecturers: Enrico Romagnoli

2:10 PM Roundtable Discussion With Audience QA

2:15 PM **TCT 54: The Distribution of High Risk Plaques with Respect to Artery Stenosis in Non Culprit Non Ischemic Native Coronary Lesions of Diabetic Patients data from COMBINE OCT FFR study**
Lecturers: Tomasz Roleder

2:25 PM Roundtable Discussion With Audience QA

2:30 PM **TCT 55: Clinical Predictors of Obstructive Coronary Artery Disease in Individuals with Suspected Coronary Artery Disease**
Lecturers: Subhi Al'Aref

2:40 PM Roundtable Discussion With Audience QA

2:45 PM **TCT 56: High Resolution Intravascular OCT NIRF Molecular Imaging for In Vivo Assessment of Inflammation in Atherosclerosis and Vascular Injury**
Lecturers: Zhonglie Piao

2:55 PM Roundtable Discussion With Audience QA

ORAL ABSTRACTS: CARDIOGENIC SHOCK AND HEMODYNAMIC SUPPORT

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 31B-C, Upper Level
Accreditation: CME,MOC

3:00 PM - 4:00 PM

Cardiogenic Shock and Hemodynamic Support

Moderators: Biswajit Kar, Simon Redwood

Discussants: Amr Abbas, Ramesh K. Adiraju, Mirvat Alasnag, M. Nicholas Burke, Maurizio Menichelli, Vincent J. Pompili, Fayaz Shawl

3:00 PM **TCT 81: The Comparative Effectiveness and Safety of Impella Versus Intra Aortic Balloon Pump in Patients who Underwent Percutaneous Coronary Intervention: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2**
Lecturers: Devraj Sukul

3:10 PM Roundtable Discussion With Audience QA

3:15 PM **TCT 82: Race based Disparities in the Management and Outcomes of Cardiogenic Shock Complicating Acute Myocardial Infarction: A 15 Year National Study**
Lecturers: Saraschandra Vallabhajosyula

3:25 PM Roundtable Discussion With Audience QA

3:30 PM **TCT 83: Lactate and Cardiac Power Output Measurements at 12 24 Hours Reliably Predict Outcomes in Cardiogenic Shock: Insights from the National Cardiogenic Shock Initiative**

Lecturers: Mir Basir

3:40 PM **Roundtable Discussion With Audience QA**

3:45 PM **TCT 84: Percutaneous Extracorporeal Membrane Oxygenation ECMO Utilization in Real World All Comers Population with Refractory Cardiac Arrest**

Lecturers: Sachin Kumar

ORAL ABSTRACTS: CEREBRAL VASCULAR EVENTS IN TAVR PATIENTS

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 26A-B, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

Cerebral Vascular Events in TAVR Patients

Moderators: Alex Chebl, Alexandra J. Lansky

Discussants: Ronak Delewi, Jan Kovac, Axel Linke, Reginald I. Low, Michael J. Rinaldi

3:00 PM **TCT 69: Transcatheter Aortic Heart Valves: Histological Analysis Providing Insight to Leaflet Thickening and Structural Valve Degeneration**

Lecturers: Stephanie Sellars

3:10 PM **Roundtable Discussion With Audience QA**

3:15 PM **TCT 70: Incidence Trends and Risk Factors for Early Stroke after Transcatheter Aortic Valve Replacement in the First 5 years of US Clinical Practice: Report of the STSACC TVT Registry.**

Lecturers: Chetan Huded

3:25 PM **Roundtable Discussion With Audience QA**

3:30 PM **TCT 71: Predictors Incidence and Outcomes of Patients Undergoing Transcatheter Aortic Valve Implantation Complicated by Stroke From the CENTER Collaboration**

Lecturers: Wieneke Vlastra

3:40 PM **Roundtable Discussion With Audience QA**

3:45 PM **TCT 72: A Prospective Evaluation for Hypoattenuated Leaflet Thickening Following Transcatheter Aortic Valve Replacement**

Lecturers: Liang Tang

3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: CTO INTERVENTION

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 28D-E, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

CTO Intervention

Moderators: Kevin J. Croce, Dimitri Karpaliotis

Discussants: David F. Kong, Pablo Lamelas, Elmira Omerovic, Peng Qu, Dmitry Stolyarov, Zhibing Wang, Zheng Zhang

3:00 PM **TCT 77: Procedural Success and Outcomes With Increasing Use of Enabling Strategies for Chronic Total Occlusion Intervention: An Analysis of 28050 Cases From the British Cardiovascular Intervention Society Database**

Lecturers: Tim Kinnaird

3:10 PM **Roundtable Discussion With Audience QA**

3:15 PM **TCT 78: Impact of Collateral Channel Type on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention**

Lecturers: Judit Karacsonyi

3:25 PM **Roundtable Discussion With Audience QA**

3:30 PM **TCT 79: Quality of Life in Patients With Refractory Angina After Chronic Total Occlusion Angioplasty**

Lecturers: Taishi Hirai

3:40 PM **Roundtable Discussion With Audience QA**

3:45 PM **TCT 80: Natural Change of the Distal Bed Following Percutaneous Coronary Intervention With Drug Eluting Stents for Chronic Total Occlusion Lesions**

Lecturers: Osung Kwon

3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: INTERVENTIONAL TREATMENT OF DISEASES OF THE AORTA

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 27A-B, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

Interventional Treatment of Diseases of the Aorta

Moderators: Jacques Busquet, Virendra I Patel

Discussants: Costantino Del Giudice, Kendra J. Grubb, Zaza Kavtadze, Hugo F. Londero, Kazuo Shimamura

3:00 PM **TCT 85: Endovascular Repair of Penetrating Atherosclerotic Ulcers With the Cardiatis Multilayer Flow Modulator Implant as an Alternative to Covered Endografts to Preserve Branch Vessel Patency**

Lecturers: Daniela Tirziu

3:10 PM **Roundtable Discussion With Audience QA**

3:15 PM **TCT 86: 3 years Follow Up of Successful Endovascular Interventions in Takayasu Arteritis involving Aorta and Aortic Arch Vessels**

Lecturers: Ajaya Paudel

- 3:25 PM **Roundtable Discussion With Audience QA**
- 3:30 PM **TCT 87: Thirty Day Readmission Rate Etiologies after Endovascular Repair of Abdominal Aortic Aneurysm: A Nationwide Analysis**
Lecturers: Varunsiri Atti
- 3:40 PM **Roundtable Discussion With Audience QA**
- 3:45 PM **TCT 88: Optimal Cerebral Protection in Cardiac and Aortic Interventions: Vascular Filters vs. Balloon Occlusion**
Lecturers: Michael Zhadkevich
- 3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: INTRAVASCULAR IMAGING

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 23B-C, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

Intravascular Imaging

Moderators: R. Stefan Kiesz, Guillermo Tearney

Discussants: Adriano Caixeta, Bill D. Gogas, Massimo Napodano, Francesco Prati, Peng Qu, Jie Zhao

- 3:00 PM **TCT 68: Clinical Impact Of Post Stent Optical Coherence Tomography Findings: Two Year Follow Up From A Single Center Registry**
Lecturers: Yuqi Fan
- 3:10 PM **Roundtable Discussion With Audience QA**
- 3:15 PM **TCT 65: High Definition Micro Optical Coherence Tomography for Endothelial Cell Visualization in the Coronary Arteries**
Lecturers: Kensuke Nishimiya
- 3:25 PM **Roundtable Discussion With Audience QA**
- 3:30 PM **TCT 66: The Effects of Stent Post Dilatation During Primary Percutaneous Coronary Intervention PPCI for ST elevation Myocardial Infarction STEMI: Insights from Optical Coherence Tomography OCT and Coronary Physiology**
Lecturers: Grigoris Karamasis
- 3:40 PM **Roundtable Discussion With Audience QA**
- 3:45 PM **TCT 67: Post Stent OCT vs IVUS Predictors of 2 Year Outcomes**
Lecturers: Xiao Wang
- 3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: STENT VS STENT STUDIES

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 33B-C, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

Stent vs Stent Studies

Moderators: Alexandre Abizaid, Didier Carrié

Discussants: Giuseppe De Luca, Upendra Kaul, Manel Sabate, Sigmund Silber, Giulio Stefanini, Clemens von Birgelen

- 3:00 PM **TCT 197: Early Vascular Healing After Implantation of a Biolimus Coated BioFreedom Stent or a Sirolimus Eluting Orsiro Stent in Patients with ST segment Elevation Myocardial Infarction**
Lecturers: Kirstine Hansen
- 3:10 PM **Roundtable Discussion With Audience QA**
- 3:15 PM **TCT 90: Clinical Outcomes Three Year After Revascularization With a Biodegradable Polymer Ultra thin Strut Sirolimus Eluting Stent and a Biodegradable Polymer Biolimus eluting Stent. From the SORT OUT VII Trial**
Lecturers: Julia Ellert
- 3:25 PM **Roundtable Discussion With Audience QA**
- 3:30 PM **TCT 91: Ultrathin Bioresorbable Polymer Sirolimus Eluting Stents versus Thin Durable Polymer Everolimus Eluting Stents in Patients Undergoing Coronary Revascularization BIOFLOW V: Acute Coronary Syndrome Subgroup Analysis**
Lecturers: Ariel Roguin
- 3:40 PM **Roundtable Discussion With Audience QA**
- 3:45 PM **TCT 92: Randomized Comparison of Ridaforolimus and Zotarolimus Eluting Coronary Stents: 2 Year Clinical Outcomes of the Pooled BIONICS and NIREUS Trials**
Lecturers: David E. Kandzari
- 3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: TRICUSPID VALVE INTERVENTION

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 4:00 PM

Room 32A-B, Upper Level

Accreditation: CME, MOC

3:00 PM - 4:00 PM

Tricuspid Valve Intervention

Moderators: Rebecca T. Hahn, Jose Luis Navia, Maurizio Taramasso

Discussants: Roger J. Laham, Christopher U. Meduri, Fabien Praz, Yan Topilsky, Bernard Vasseur

- 3:00 PM **TCT 73: Treatment of Severe TRicuspid Regurgitation in Patients with Advanced Heart Failure with CAval Vein Implantation of the Edwards Sapien XT VALve TRICAVAL: a controlled prospective randomized trial**
Lecturers: Henryk Dreger
- 3:10 PM **Roundtable Discussion With Audience QA**

- 3:15 PM **TCT 74: SCOUT Study: Trialalign results at 30 days from combined US and EU cohort for the treatment of functional TR**
Lecturers: Christopher U. Meduri
- 3:25 PM **Roundtable Discussion With Audience QA**
- 3:30 PM **TCT 75: Physiological and Clinical Consequences of Relief of Right Ventricular Volume Overload After Transcatheter Repair of the Tricuspid Valve Insights from Cardiac Magnetic Resonance**
Lecturers: Philipp Lurz
- 3:40 PM **Roundtable Discussion With Audience QA**
- 3:45 PM **TCT 76: Long Term Outcomes Following Transcatheter Tricuspid Valve Repair With the FORMA System**
Lecturers: Luis Asmarats
- 3:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: COMPLEX TAVR PROCEDURES

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 4:45 PM

Room 26A-B, Upper Level

Accreditation: CME, MOC

4:00 PM - 4:45 PM

Complex TAVR Procedures

Moderators: Alain G. Cribier, Helene Eltchaninoff

Discussants: Andreas Baumbach, Adam B. Greenbaum, Dmitry B. Levin, Raj Makkar, Molly Szerlip, Wilson Y. Szeto

- 4:00 PM **TCT 97: Preserving Coronary Access After Valve in TAVI: A Glimpse Into the Future**
Lecturers: Nicola Buzzatti
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 98: Early Clinical Impact of Cerebral Embolic Protection With Transcatheter Aortic Valve Replacement a Multicenter Study in the Netherlands**
Lecturers: Herbert Kroon
- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 100: Emergency TAVR for Cardiogenic Shock Right Heart Function and Early Mechanical Circulatory Support Improve Outcomes**
Lecturers: Creighton Don
- 4:40 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: DES CLINICAL OUTCOMES

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 33B-C, Upper Level

Accreditation: CME, MOC

4:00 PM - 5:00 PM

DES Clinical Outcomes

Moderators: Michael A. Kutcher, Tullio Palmerini

Discussants: Sripal Bangalore, Adriano Caixeta, Salvatore Cassese, Aloke V. Finn, Markus Florian Krackhardt, John A. Ormiston

- 4:00 PM **TCT 117: The Burden of Restenosis after Coronary Stent Implantation in the United States: Temporal Trends Clinical Presentation Treatment Strategies and In Hospital Outcomes**
Lecturers: Issam D. Moussa
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 118: The Impact of Bifurcation Stenting Techniques on the Clinical Events: the Stratified Analysis of 2510 Bifurcated Lesions According to MADS Classification in the Global LEADERS Trial**
Lecturers: Norihiro Kogame
- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 119: Impact of Clinical Syndrome on Outcomes After PCI: Analysis From a Large Pooled Randomized Trial Dataset**
Lecturers: Masaru Ishida
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 120: Long term Outcomes in Women and Men Following Percutaneous Coronary Intervention: An Individual Patient Data Pooled Analysis from 21 Randomized Trials**
Lecturers: Ioanna Kosmidou
- 4:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: LEFT ATRIAL APPENDAGE EXCLUSION

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 27A-B, Upper Level

Accreditation: CME, MOC

4:00 PM - 5:00 PM

Left Atrial Appendage Exclusion

Moderators: Sameer Gafoor, David R. Holmes Jr.

Discussants: Philipp Blanke, Somjot S. Brar, Anibal A. Damonte, Nabil Farag, Habib Gamra, George S. Hanzel, Jan Kovac

- 4:00 PM **TCT 101: Comparison of Transesophageal Echocardiography And Cardiac CT for Detection of Device Related Thrombosis Following Left Atrial Appendage Occlusion**
Lecturers: Kasper Korsholm
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 102: Incidence Predictors and Outcomes of Device Related Thrombus After Left Atrial Appendage Closure With The WATCHMAN Device. Insights From the EWOLUTION Real World Registry**

Lecturers: Alexander Sedaghat

- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 103: Ultraseal Left Atrial Appendage Occluder: Initial Multicenter Experience**
Lecturers: Lluís Asmarats
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 104: Comparative Data on the Use of Intracardiac and Transesophageal Echocardiography for Left Atrial Appendage Occlusion in the Amulet Observational Study**
Lecturers: Jens Erik Nielsen-Kudsk
- 4:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: LOWER EXTREMITY INTERVENTION

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 32A-B, Upper Level
Accreditation: CME, MOC

4:00 PM - 5:00 PM

Lower Extremity Intervention

Moderators: J. Michael Bacharach, Tony Das

Discussants: Jeffrey G. Carr, Bryan T. Fisher, Alejandro Goldsmit, Beau Hawkins, Kei Ichihashi, Jun Nakazato, Nattawut Wongpraparut

- 4:00 PM **TCT 113: Effectiveness of Atherectomy vs Balloon Angioplasty for Limb Salvage in Occlusive Tibioperoneal Arterial Disease**
Lecturers: Payal Sharma
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 114: Comparing Effectiveness of Different Atherectomy Device Systems in Occlusive Lower Extremity Peripheral Artery Disease: Analysis of a Large National Database**
Lecturers: Tonga Nfor
- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 115: Long Term Follow up of the PADI Trial: Percutaneous Transluminal Angioplasty Versus Drug Eluting Stents for Infrapopliteal Lesions in Critical Limb Ischemia**
Lecturers: Thijs Wakkie
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 116: Spot Stenting versus Full Coverage Stenting After Endovascular Therapy for Femoro popliteal Artery Lesions**
Lecturers: Yusuke Tomoi
- 4:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: NEW INTRACORONARY PHYSIOLOGY TECHNIQUES AND STUDIES

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 23B-C, Upper Level
Accreditation: CME, MOC

4:00 PM - 5:00 PM

New Intracoronary Physiology Techniques and Studies

Moderators: Ziad A. Ali, Justin E. Davies

Discussants: Sorin J. Brener, Joost Daemen, Thomas Engstrøm, Juan Luis Gutierrez-Chico, Michal Hawranek, Jan J. Piek

- 4:00 PM **TCT 93: The Physiological Pattern of Disease Assessed by Pressure Wire Pullback has an Influence on Fractional Flow Reserve/Instantaneous Wave Free Ratio Discordance: Insight From Multicenter AJIP Registry**
Lecturers: Takayuki Warisawa
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 94: Continuous Infusion of Saline for Assessment of Absolute Hyperemic Flow and Minimal Microvascular Resistance: Validation in Humans Using 15OH2O PET**
Lecturers: Henk Everaars
- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 95: A Simplified Formula to Calculate Fractional Flow Reserve in Sequential Lesions Circumventing the Measurement of Coronary Wedge Pressure During Balloon Inflation: the APIS S pilot study**
Lecturers: Carlos Cortes
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 96: Predicting Angina Limited Exercise Capacity Using Coronary Physiology**
Lecturers: Christopher Cook
- 4:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: PHARMACOTHERAPY IN PATIENTS UNDERGOING PCI

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 31B-C, Upper Level
Accreditation: CME, MOC

4:00 PM - 5:00 PM

Pharmacotherapy in Patients Undergoing PCI

Moderators: George D. Dangas, Germano Di Sciascio

Discussants: Hitinder S. Gurm, Yaling Han, Javaid Iqbal, Michelle O'Donoghue, Michael P. Savage, Georgios J. Vlachojannis

- 4:00 PM **TCT 109: Intra Coronary Administration of Tacrolimus Improves Reperfusion of Microvasculature and Left Ventricular Function in Patients with ST Segment Elevation Myocardial Infarction COAT STEMI Undergoing Primary Percutaneous Coronary Intervention**
Lecturers: Pei-Hsun Sung
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 110: Incidence predictors and outcomes of DAPT disruption due to non compliance versus bleeding after PCI: insights from the PARIS Registry**

Lecturers: Kamilia Moalem

- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 111: Efficacy and Safety of Glycoprotein IIb/IIIa Inhibitors on Top of a Potent P2Y12 Inhibitor in STEMI: A Pre Specified Sub Analysis of the ATLANTIC Trial**
Lecturers: Anne Tavenier
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 112: Patient Oriented Clinical Outcomes and Net Adverse Cardiovascular Event in the Global Leaders Trial**
Lecturers: Patrick W. Serruys
- 4:55 PM **Roundtable Discussion With Audience QA**

ORAL ABSTRACTS: PRIMARY PCI STRATEGIES IN THE AMI PATIENT

FRIDAY, SEPTEMBER 21, 2018

4:00 PM - 5:00 PM

Room 28D-E, Upper Level
Accreditation: CME,MOC

4:00 PM - 5:00 PM

Primary PCI Strategies in AMI Patient

Moderators: David A. Cox, Dariusz Dudek

Discussants: Larry S. Dean, Dmitriy N. Feldman, Jorge Gaspar, Jinchen Guo, Timothy D. Henry, Jean-François Tanguay, Stuart Watkins

- 4:00 PM **TCT 49: Transformational Pathways for AMI Management in Developing Countries Rolling 600000 Remote Patient Encounters to D2B Interventions**
Lecturers: Sameer Mehta
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **TCT 50: Fiscal Impact of Avoiding Unnecessary Transfers and Hospitalization in STEMI Interventions Results from Latin America Telemedicine Infarct Network LATIN**
Lecturers: Sameer Mehta
- 4:25 PM **Roundtable Discussion With Audience QA**
- 4:30 PM **TCT 51: Long term Mortality Comparison of Patients With Acute Myocardial Infarction and Cardiogenic Shock Treated With Culprit Only or Multivessel Percutaneous Coronary Intervention**
Lecturers: Ruben Vergara
- 4:40 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **TCT 52: Intravascular Imaging guided Urgent Percutaneous Coronary Intervention for Acute Myocardial Infarction and Long term 3 years Prognosis: A Land Mark Analysis of J MINUET**
Lecturers: Hiroyuki Okura
- 4:55 PM **Roundtable Discussion With Audience QA**

NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: RCIS REVIEW WITH HANDS-ON-HEARTS

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 1:00 PM

Room 28A-C, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 9:55 AM

Session I. Deep Dive - Cardiac Catheterization and PCI

Moderators: Jeff Davis, Thomas H. Maloney

Discussants: Mary K. Egan, Marsha Holton, Robert Kutys, David P. Lee, Brij Maini, George W. Vetrovec

- 8:00 AM **Case Introduction: A Patient with Atypical Chest Pain and Shortness of Breath**
Lecturers: George W. Vetrovec
- 8:10 AM **Assessment of the Patient**
Lecturers: Marsha Holton
- 8:20 AM **Right Heart Catheterization Matched with Interactive Cadaver Heart Dissection**
Lecturers: Robert Kutys, Brij Maini
- 8:35 AM **Medications for Diagnostic Cardiac Catheterization**
Lecturers: Mary K. Egan
- 8:45 AM **Left Heart Catheterization with Interactive Cadaver Heart Dissection**
Lecturers: Robert Kutys, George W. Vetrovec
- 8:55 AM **Coronary Angiography with Interactive Cadaver Heart Dissection**
Lecturers: Robert Kutys, George W. Vetrovec
- 9:10 AM **Medications for PCI**
Lecturers: Mary K. Egan
- 9:15 AM **Devices for PCI Wires Balloons Stents FFR Imaging**
Lecturers: David P. Lee
- 9:30 AM **Stent Selection and Technique**
Lecturers: David P. Lee, George W. Vetrovec
- 9:45 AM **Roundtable Discussion With Audience QA**

9:55 AM - 11:45 AM

Session II. Deep Dive - The Aortic Valve

Moderators: Jeff Davis, Thomas H. Maloney

Discussants: Philippe Genereux, Robert Kutys, Azeem Latib, Dmitriy B. Levin, Paul D. Mahoney, Elizabeth M. Perpetua

- 9:55 AM **Case Introduction: Symptoms Suggestive of Aortic Stenosis**
Lecturers: Paul D. Mahoney
- 10:05 AM **Fundamental Knowledge: Aortic Valve Anatomy with Interactive Cadaver Heart Dissection**
Lecturers: Robert Kutys, Dmitriy B. Levin
- 10:15 AM **Hemodynamics of Aortic Stenosis and Valve Calculations**
Lecturers: Jeff Davis
- 10:35 AM **Interpretation of Hemodynamic CT and Echo Data for TAVR Clinical Decision Making**

Lecturers: Azeem Latib

- 10:55 AM **Case Demonstration: Transcatheter Aortic Valve Replacement**
Case Presenter: Paul D. Mahoney
- 11:35 AM **Roundtable Discussion with Audience QA**

11:45 AM - 12:30 PM

Hands-on-Hearts Demonstration

Lecturers: Jeff Davis, Marsha Holton, Matthew Kutyna, Robert Kutys, Maria E. Romero, Torie Samuda, Renu Virmani

- 11:45 AM **Hands on Hearts Demonstration**

12:30 PM - 1:00 PM

Afternoon Break and Refreshments, Sponsored by Boston Scientific Corporation

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: AN AFTERNOON IN THE CATH LAB

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 5:00 PM

Room 28A-C, Upper Level

Accreditation: CME,ASRT,MOC,CNE

1:00 PM - 1:10 PM

Session I: Introduction

Moderators: Marian C. Hawkey

Co Moderator: Martina Kelly Speight

- 1:00 PM **Welcome and Introduction**
Lecturers: Marian C. Hawkey
- 1:05 PM **Announcement: Introducing the Cath Lab Forum**
Lecturers: Martina Kelly Speight

1:10 PM - 1:55 PM

Session II: Complex PCI

Moderators: Thomas H. Maloney

Discussants: Russell J. D'Sa, Regina Deible, Marianna Garcia

- 1:10 PM **Complex PCI Case Introduction**
Case Presenter: Paul D. Mahoney
- 1:15 PM **The CHIP Team**
Lecturers: Marianna Garcia
- 1:25 PM **The CHIP Toolkit Techniques Imaging Equipment Troubleshooting**
Lecturers: Russell J. D'Sa
- 1:40 PM **Complex PCI Case Conclusion**
Case Presenter: Paul D. Mahoney
- 1:45 PM **Roundtable Discussion with Audience QA**

1:55 PM - 2:40 PM

Session III: Left Atrial Appendage Closure with the Watchman Device

Moderators: Martina Kelly Speight

Discussants: Asma Hussaini, David P. Lee, Elizabeth M. Perpetua

- 1:55 PM **Case Introduction: A Patient With Non Valvular Atrial Fibrillation**
Case Presenter: Elizabeth M. Perpetua
- 2:00 PM **Anatomical Considerations for Patient Selection**
Lecturers: Asma Hussaini
- 2:10 PM **Overview of the Watchman Procedure and Complications**
Lecturers: David P. Lee
- 2:25 PM **Case Conclusion**
Lecturers: Elizabeth M. Perpetua
- 2:30 PM **Roundtable Discussion with Audience QA**

2:40 PM - 3:25 PM

Session IV: Transcatheter Aortic Valve Replacement

Moderators: Sarah Clarke

Discussants: Kim Guibone, Marian C. Hawkey, Sandra Lauck

- 2:40 PM **Case Introduction: Aortic Stenosis**
Case Presenter: Sarah Clarke
- 2:45 PM **Current Indications and Guidelines for TAVR**
Lecturers: Kim Guibone
- 2:55 PM **Individualizing the Patient Care Pathway**
Lecturers: Sandra Lauck
- 3:10 PM **Case Conclusion**
Case Presenter: Sarah Clarke
- 3:15 PM **Roundtable Discussion with Audience QA**

3:25 PM - 4:10 PM

Session V: Peripheral Intervention

Moderators: Michelle Maier

Discussants: Julie Logan, Sameer Nagpal, Samit Shah

- 3:25 PM **Case Introduction: Critical Limb Ischemia**
Case Presenter: Michelle Maier
- 3:30 PM **What Is CLI and How Do We Prevent It**
Lecturers: Samit Shah
- 3:40 PM **What are the Treatments for CLI**
Lecturers: Sameer Nagpal
- 3:55 PM **Case Conclusion**
Case Presenter: Michelle Maier
- 4:00 PM **Roundtable Discussion with Audience QA**

4:10 PM - 5:00 PM

Session VI: What Else is Going on in The Cath Lab?

Moderators: Regina Deible

Discussants: Kate Dalton, Allen Jeremias, Julie Logan

- 4:10 PM **Update on iFR and FFR**
Lecturers: Julie Logan
- 4:20 PM **Update on Current Imaging Modalities: IVUS vs OCT vs NIRS**
Lecturers: Allen Jeremias
- 4:30 PM **Update on Vascular Access Selection: Radial vs Femoral**
Lecturers: Mary K. Egan
- 4:40 PM **Update on Clinical Research in the Cath Lab**

REGIONAL SESSIONS

REGIONAL SNAPSHOT MEETINGS: THE BEST OF INTERVENTION FROM EUROPE: FLASH DEBATES

FRIDAY, SEPTEMBER 21, 2018

9:00 AM - 11:00 AM

Room 24A-B, Upper Level

Accreditation: CME,MOC

9:00AM - 10:00 AM

Session I. What is New in Coronary Artery Disease From Diagnosis to Treatment

Moderators: Jeroen J. Bax, Stephan Windecker

Discussants: Robert A. Byrne, Javier Escaned, Michael Haude, Patrick W. Serruys, Holger Thiele

9:00 AM **CT Angiography Versus Ischemia Testing for Detection of Coronary Artery Disease**

Lecturers: Jeroen J. Bax

9:06 AM **Beyond ORBITA: The Role of PCI in Stable Ischemic CAD**

Lecturers: Adrian P. Banning

9:12 AM **Novel Hemodynamic Assessment Parameters and Intracoronary Imaging to Optimize PCI Outcomes**

Lecturers: Javier Escaned

9:18 AM **The New 2018 ESC/ACTS Guidelines on Myocardial Revascularization: Focus on Multivessel and Left Main Disease**

Lecturers: Robert A. Byrne

9:24 AM **What is the Future of Bioresorbable Scaffolds**

Lecturers: Michael Haude

9:30 AM **Revascularization in Cardiogenic Shock: New Insights**

Lecturers: Holger Thiele

9:36 AM **Atrial Fibrillation and ACS-PCI: The End of Triple Therapy**

Lecturers: Stephan Windecker

9:42 AM **Does Aspirin Have a Role in the Management of Patients Undergoing PCI**

Lecturers: Patrick W. Serruys

9:48 AM **Roundtable Discussion With Audience QA**

10:00AM - 11:00 AM

Session II. What is New in Structural Heart Disease

Moderators: Jeroen J. Bax, Stephan Windecker

Discussants: Jörg Hausleiter, Felix Mahfoud, Georg Nickenig, Thomas Pilgrim, Lars Sondergaard

10:00 AM **Durability of Transcatheter Heart Valves**

Lecturers: Stephan Windecker

10:06 AM **TAVR: New Indications and Unmet Needs**

Lecturers: Thomas Pilgrim

10:12 AM **Stroke Prevention Strategies in TAVR**

Lecturers: Stephan Windecker

10:24 AM **The Future of Transcatheter Mitral Valve Intervention: Repair or Replace**

Lecturers: Georg Nickenig

10:30 AM **How to Select Patients for Tricuspid Valve Repair**

Lecturers: Jörg Hausleiter

10:36 AM **Percutaneous PFO Closure: Finally Arrived**

Lecturers: Lars Sondergaard

10:42 AM **Renal Denervation: Light on the Horizon**

Lecturers: Felix Mahfoud

10:48 AM **Roundtable Discussion With Audience QA**

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM LATIN AMERICA - SELECTED TOPICS IN INTERVENTIONAL CARDIOLOGY

FRIDAY, SEPTEMBER 21, 2018

11:00 AM - 1:00 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC

11:00AM - 1:00 PM

The Best of Intervention From Latin America: Selected Topics in Interventional Cardiology

Moderators: Alexandre Abizaid, Jose L. Leiva-Pons

Discussants: Mario Araya, Roberto Botelho, Jorge Cortes Lawrenz, Anibal A. Damonte, Efrain Gaxiola, Alfaro Marchena, Henrique B. Ribeiro

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM CHINA

FRIDAY, SEPTEMBER 21, 2018

1:00 PM - 3:00 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC

1:00PM - 2:00 PM

Session I. Innovations From China

Moderators: Runlin Gao, Martin B. Leon

Discussants: Ori Ben-Yehuda, YunDai Chen, Juan F. Granada, Azeem Latib, Jian Liu, Sunil V. Rao

1:00 PM **New TAVR Devices: VitaFlow Venus A Plus and Venibri**

Lecturers: Junbo Ge

1:08 PM **Roundtable Discussion With Audience QA**

1:10 PM **Update of the NeoVas BRS Clinical Trials**

Lecturers: Yaling Han

1:18 PM **Roundtable Discussion With Audience QA**

- 1:20 PM **Iron Based BRS: Design Features Experimental Studies and FIM Experience**
Lecturers: Kefei Dou
- 1:28 PM **Roundtable Discussion With Audience QA**
- 1:30 PM **Pulmonary Artery Denervation: Updates of Experimental and Clinical Studies**
Lecturers: Shao-Liang Chen
- 1:38 PM **Roundtable Discussion With Audience QA**
- 1:40 PM **Intelligent Recognition of Coronary Angiography Based on Deep Learning Technology**
Lecturers: Bo Xu
- 1:48 PM **Roundtable Discussion With Audience QA**
- 1:50 PM **Quantitative Flow Ratio QFR: A Valuable Tool in the Cath Lab**
Lecturers: Shengxian Tu
- 1:58 PM **Roundtable Discussion With Audience QA**

2:00PM - 3:00 PM

Session II. Complex and High-Risk PCI: Case-Based Discussions

Moderators: Ajay J. Kirtane, Yuejin Yang

Discussants: Ziad A. Ali, George D. Dangas, Lei Ge, J. Aaron Grantham, Ning Guo, Gary S. Mintz

- 2:00 PM **Case 1: FFR and IVUS Guidance of Left Main Bifurcation PCI**
Case Presenter: Juying Qian
- 2:06 PM **Roundtable Discussion With Audience QA**
- 2:10 PM **Case 2: Antegrade Dissection and Re Entry CTO**
Case Presenter: Zening Jin
- 2:16 PM **Roundtable Discussion With Audience QA**
- 2:20 PM **Case 3: OCT Guided PCI in a Severely Calcified Lesion**
Case Presenter: Junjie Zhang
- 2:26 PM **Roundtable Discussion With Audience QA**
- 2:30 PM **Case 4: STEMI With Cardiogenic Shock**
Case Presenter: Kai Xu
- 2:36 PM **Roundtable Discussion With Audience QA**
- 2:40 PM **Case 5: Post CABG PCI**
Case Presenter: Qi Zhang
- 2:46 PM **Roundtable Discussion With Audience QA**
- 2:50 PM **Case 6: PCI in a Patient With Severe Left Ventricular Dysfunction**
Case Presenter: Jun Jiang
- 2:56 PM **Roundtable Discussion With Audience QA**

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM JAPAN: ADVANCED PCI TECHNIQUES AND ENDOVASCULAR INTERVENTION

FRIDAY, SEPTEMBER 21, 2018

3:00 PM - 5:10 PM

Room 24A-B, Upper Level

Accrediation: CME,MOC

3:00PM - 3:40 PM

Session I. Advanced PCI Techniques

Moderators: Lei Ge, Masahiko Ochiai

Discussants: Adrian P. Banning, Eric Eeckhout, Scott Harding, Nicholas J. Lembo, Ashish Pershad, Sudhir Rathore

- 3:00 PM **The Latest Strategies for CTO in Japanese Fashion**
Lecturers: Makoto Sekiguchi
- 3:12 PM **Role of Debulking in the Era of DES**
Lecturers: Hisayuki Okada
- 3:24 PM **DRAP Distal Radial Artery Puncture: Should We Shift to It from Radial Artery**
Lecturers: Shingo Kaneko
- 3:36 PM **Roundtable Discussion With Audience QA**

3:40PM - 4:30 PM

Session II. Coronary Imaging and Physiologic Assessment

Moderators: Akiko Maehara, Hitoshi Matsuo

Discussants: Javier Escaned, Shoichi Kuramitsu, Hidetaka Nishina, Shigeru Saito

- 3:40 PM **OCT Guided PCI In Daily Clinical Practice: Strategy Based on ILUMIEN III**
Lecturers: Ziad A. Ali
- 3:47 PM **Roundtable Discussion With Audience QA**
- 3:50 PM **OCT Guided Bifurcation PCI**
Lecturers: Takashi Kubo
- 4:00 PM **Roundtable Discussion With Audience QA**
- 4:05 PM **Diffuse and Tandem Lesion Treatment by Physiology Guidance**
Lecturers: Hidetaka Nishina
- 4:13 PM **Physiology Guided PCI Optimization: Use of Physiology During and After PCI**
Lecturers: Hitoshi Matsuo
- 4:23 PM **Roundtable Discussion With Audience QA**

4:30PM - 5:10 PM

Session III. Endovascular Intervention

Moderators: Osamu Iida, Shigeru Saito

Discussants: Masahiko Fujihara, Daizo Kawasaki, Mehdi H. Shishehbor, Yoshimitsu Soga

- 4:30 PM **IVUS Guided Recanalization for the Infrainguinal Chronic Total Occlusions**
Lecturers: Daizo Kawasaki
- 4:37 PM **Roundtable Discussion With Audience QA**
- 4:40 PM **Drug Solutions in Peripheral Intervention**
Lecturers: Yoshimitsu Soga
- 4:47 PM **Roundtable Discussion With Audience QA**
- 4:50 PM **Evolution of SFA Intervention in the Last Decade: The Retrospective Multicenter MK3 Study**
Lecturers: Masahiko Fujihara
- 4:57 PM **Roundtable Discussion With Audience QA**

- 5:00 PM **Three year Outcomes of Surgical Vs. Endovascular Revascularization for Critical Limb Ischemia: The SPINACH Study**
Lecturers: Osamu Iida
- 5:07 PM **Roundtable Discussion With Audience QA**

SPECIAL SESSIONS

ABCS OF INTERVENTIONAL CARDIOLOGY

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 12:00 PM

Room 28D-E, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 9:15 AM

Session I. Basics of Cardiac Anatomy and Angiography

Moderators: George D. Dangas, John M. Lasala

Discussants: Ricardo A. Costa, Hemal Gada, Alexandra J. Lansky, Verghese Mathew, Miodrag C. Ostojic, Tanveer Rab

- 8:00 AM **Overview of Cardiac Valvular and Coronary Anatomy**
Lecturers: Vijay Kunadian
- 8:12 AM **Roundtable Discussion With Audience QA**
- 8:15 AM **Vascular Access Routes Complications and Vascular Rescue**
Lecturers: Jose M. Wiley
- 8:27 AM **Roundtable Discussion With Audience QA**
- 8:30 AM **Coronary Angiography: Setup Views Artifacts and Pitfalls**
Lecturers: Verghese Mathew
- 8:42 AM **Roundtable Discussion With Audience QA**
- 8:45 AM **Intravascular Imaging: Core Concepts of IVUS OCT NIRS and More**
Lecturers: Gary S. Mintz
- 8:57 AM **Roundtable Discussion With Audience QA**
- 9:00 AM **Right and Left Heart Hemodynamic Support Options**
Lecturers: John M. Lasala
- 9:12 AM **Roundtable Discussion With Audience QA**

9:15 AM - 10:30 AM

Session II. Overview of Cardiovascular Disease and Treatment

Moderators: David A. Cox, Henning Kelbæk

Discussants: Vasim Farooq, Alope V. Finn, Grzegorz L. Kaluza, Elvin Kedhi, Afzalur Rahman, Elias Sanidas

- 9:15 AM **Coronary Artery Disease: Pathology and Pathogenesis**
Lecturers: Grzegorz L. Kaluza
- 9:27 AM **Roundtable Discussion With Audience QA**
- 9:30 AM **Coronary Physiology: FFR and iFR**
Lecturers: Allen Jeremias

- 9:42 AM **Roundtable Discussion With Audience QA**
- 9:45 AM **Acute Coronary Syndromes: Treatment of NSTEMI ACS and STEMI**
Lecturers: Michael C. C. Kim
- 9:57 AM **Roundtable Discussion With Audience QA**
- 10:00 AM **Left Main and Bifurcation Interventions**
Lecturers: Ehtisham Mahmud
- 10:12 AM **Roundtable Discussion With Audience QA**
- 10:15 AM **Interventional Pharmacology Essentials for PCI and ACS**
Lecturers: Piera Capranzano
- 10:27 AM **Roundtable Discussion With Audience QA**

10:30 AM - 12:00 PM

Session III. Introduction to PCI and Valve Disease Interventions

Moderators: Joseph P. Carrozza Jr, Jose M. Wiley

Discussants: Peter Barlis, Bimmer E. Claessen, Giuseppe De Luca, Robert J. Gil, Hadley Wilson, Clemens von Birgelen

- 10:30 AM **Cath Lab Room Setup and Basic Equipment Guiding Catheters Wires and Balloons**
Lecturers: Jasvinder Singh
- 10:42 AM **Roundtable Discussion With Audience QA**
- 10:45 AM **Drug Eluting Stent Platforms and Outcomes 2018**
Lecturers: Gennaro Sardella
- 10:57 AM **Roundtable Discussion With Audience QA**
- 11:00 AM **Drug Eluting Stent Thrombosis and Restenosis: Mechanisms Frequency and Treatment**
Lecturers: Binita Shah
- 11:12 AM **Roundtable Discussion With Audience QA**
- 11:15 AM **Atherotomy Cutting Scoring Lithotripsy Atherectomy Rotational Orbital Laser and Embolic Protection**
Lecturers: Robert T. Pyo
- 11:27 AM **Roundtable Discussion With Audience QA**
- 11:30 AM **Aortic Valvular Heart Disease: Diagnosis and Treatment Options 2018**
Lecturers: Nicola Corvaja
- 11:42 AM **Roundtable Discussion With Audience QA**
- 11:45 AM **Mitral Valvular Heart Disease: Diagnosis and Treatment Options 2018**
Lecturers: Ramon Quesada
- 11:57 AM **Roundtable Discussion With Audience QA**

SPECIAL SESSION: TAVR FOUNDATIONS FOR FELLOWS (SPONSORED BY EDWARDS LIFESCIENCES)

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 6:00 PM

Room 30D-E, Upper Level

8:00 AM - 5:30 PM

TAVR Foundations for Fellows

Faculty: Rita Birchard, Rebecca T. Hahn, Marian C. Hawkey, Ryan Kaple, MD, Omar K. Khalique, James M. McCabe, M. Andrew Morse, MD, Tamim Nazif, Mark J. Russo, Rahul Sharma, Torsten P. Vahl

- 8:00 AM **Welcome and Introduction**
Lecturers: Rita Birchard
- 8:15 AM **Valve Clinic Structure and Patient Screening**
Lecturers: Marian C. Hawkey
- 8:45 AM **Echocardiography for TAVR**
Lecturers: Rebecca T. Hahn
- 9:15 AM **CT Imaging for TAVR**
Lecturers: Torsten P. Vahl
- 9:45 AM **Break**
- 10:00 AM **Transfemoral Procedure: Device Overview and Case Review**
Lecturers: Tamim Nazif
- 11:00 AM **Case Study Panel: Complex Cases and Complications Alternative Access Complex Cases and Challenging Anatomy and Complication Management**
Discussants: John K. Forrest, James M. McCabe, Mark J. Russo, Rahul Sharma
- 12:30 PM **Break and Box Lunch**
- 1:00 PM **Hands on Workshops: Room 31A CT Workstation Echo Workstation Procedure Simulator and Hands on Device Demonstration**
Lecturers: Omar K. Khaliq, M. Andrew Morse, MD
- 2:30 PM **Aortic and Mitral Valve in Valve Procedure and Case Review**
- 3:15 PM **Break**
- 3:30 PM **Panel Discussion: Transitioning to a TAVR Center**
Lecturers: Mark J. Russo
- 4:15 PM **TAVR Evolution and PARTNER Data Overview**
Lecturers: Mark J. Russo

- 8:24 AM **Percutaneous Bypass: Update on the DETOUR and DETOUR II Trials**
Lecturers: Ehrin J. Armstrong
- 8:32 AM **Re Entry Required: When to Pull Which Device to Get Back Into the True Lumen**
Lecturers: Beau Hawkins
- 8:40 AM **A Hybrid Algorithm for Crossing SFA and Popliteal CTOs**
Lecturers: Subhash Banerjee
- 8:48 AM **Roundtable Discussion Crossing SFA CTOs**
- 8:57 AM **Severe Calcification in the SFA: Definitions and Associations With Outcomes**
Lecturers: Jeffrey J. Popma
- 9:05 AM **Roundtable Discussion Treatment Strategies for Long Segment SFA CTOs**
- 9:15 AM **How to Treat Long Calcified SFA Lesions**
Lecturers: Sahil A. Parikh
- 9:23 AM **Will Adjunctive Atherectomy Improve the Outcomes of Drug Coated Balloons in Complex SFA Lesions**
Lecturers: Mehdi H. Shishebor
- 9:31 AM **Roundtable Discussion Calcified SFA Lesions**
- 9:40 AM **Debate: Stents are Still the Best Endovascular Treatment for Long Segment SFA CTOs**
Lecturers: Gary M. Ansel
- 9:45 AM **Debate: Drug Coated Balloons Should be the Primary Treatment Strategy for Long Segment SFA CTOs**
Lecturers: Carlos I. Mena-Hurtado
- 9:50 AM **Roundtable Discussion Treatment Strategies for Long Segments SFA CTOs**
- 9:59 AM **Angiographic Dissections After Balloon Angioplasty and Their Association With Outcomes**
Lecturers: Osamu Iida

- 10:07 AM **Is Intravascular Imaging Necessary to Accurately Identify and Quantify Dissections After Balloon Angioplasty**
Lecturers: Nicolas W Shammam
- 10:15 AM **New Treatment Approaches for SFA Disease: Tacks Shocks and Adventitial Drug Delivery**
Lecturers: Ehrin J. Armstrong
- 10:23 AM **What is the Optimal Endovascular Treatment for SFA In Stent Occlusions**
Lecturers: Craig M. Walker
- 10:31 AM **Treatment Strategies to Optimize Endovascular Outcomes of TASC CD Aortoiliac Lesions**
Lecturers: Phillip Green
- 10:39 AM **Debate: Common Femoral Artery Lesions Can Be Treated with Endovascular Techniques**
Lecturers: George S Chrysant
- 10:44 AM **Debate: Common Femoral Artery Disease Should be Treated Surgically**
Lecturers: Virendra I Patel
- 10:49 AM **Roundtable Discussion Optimal Treatment of Common Femoral Artery Disease**

10:58 AM - 12:54 PM

Session II. Aortic/Mesenteric Therapies

Moderators: Sahil A. Parikh, Virendra I Patel
Discussants: Robert M. Bersin, Rahul S. Patel, Craig M. Walker

TCT ENDOVASCULAR

TCT ENDOVASCULAR: CONTROVERSIES AND COMPLEX DECISION-MAKING IN VASCULAR DISEASE

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 5:10 PM

Room 25A-B, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 10:58 AM

Session I. SFA and Popliteal Therapies

Moderators: Gary M. Ansel, Ehrin J. Armstrong

Discussants: Mohammad Mehdi Ansari, George S Chrysant, Eric J. Dippel, Beau Hawkins, Sahil A. Parikh, Mehdi H. Shishebor

- 8:00 AM **Case Study: A Long Segment SFA CTO**
Case Presenter: Mohammad Mehdi Ansari
- 8:08 AM **How to Optimize Intraluminal Antegrade Crossing for SFA CTOs: Dedicated Wires and Crossing Devices**
Lecturers: Steve Henao
- 8:16 AM **When Antegrade Fails: Retrograde Crossing Strategies for SFA CTOs**
Lecturers: Arthur C. Lee

- 10:58 AM **Renal Artery Interventions After ASTRAL and CORAL: Who Should We Treat**
Lecturers: Kenneth Rosenfield
- 11:06 AM **Optimal Renal Stenting Technique**
Lecturers: Sahil A. Parikh
- 11:14 AM **ISR and Complex Anatomy in Renal Stenting**
Lecturers: Mark C. Bates
- 11:22 AM **Roundtable Discussion The Uncertain in Renal Artery Intervention**
- 11:27 AM **Endovascular Management of Acute Mesenteric Ischemia**
Lecturers: Rahul S. Patel
- 11:35 AM **Patient and Procedure Selection for Chronic Mesenteric Ischemia to Optimize Outcomes**
Lecturers: Virendra I Patel
- 11:43 AM **Roundtable Discussion Optimal Percutaneous Techniques in Mesenteric Ischemia**
- 11:48 AM **Consensus Guidelines for Timing and Treatment of Abdominal Aortic Aneurysms**
Lecturers: S. Jay Mathews
- 11:56 AM **Managing Challenging Access to Ensure Successful Aortic Endografting**
Lecturers: S. Jay Mathews
- 12:04 PM **New Devices and Future Technologies for Management of Infrarenal Abdominal Aortic Aneurysms**
Lecturers: Robert M. Bersini
- 12:12 PM **Open vs. Endovascular Aortic Aneurysm Repair: Important Factors in Clinical Decision making**
Lecturers: Virendra I Patel
- 12:20 PM **Management of Endoleaks and New Data on Long term Durability of Aortic Endografts**
Lecturers: Rahul S. Patel
- 12:28 PM **Case Presentation: Complex Endograft FEVAR**
Case Presenter: Virendra I Patel
- 12:36 PM **Case Presentation: Endograft for Aortoiliac Occlusive and Aneurysmal Disease**
Case Presenter: Darren B Schneider
- 12:44 PM **Roundtable Discussion Training Requirements for EVAR**

12:54PM - 2:32 PM

Session III. Venous Disease Therapies

Moderators: Raghu Kolluri, Mahmood K. Razavi

Discussants: Teresa L. Carman, S. Jay Mathews, John Moriarty, Rahul S. Patel, Gregory Piazza

- 12:54 PM **After the ATTRACT Trial: Which Patients With Acute Deep Vein Thrombosis Should Receive Endovascular Therapy**
Lecturers: Teresa L. Carman
- 1:02 PM **Status of Venous Stents to Treat Venous Obstruction**
Lecturers: Mahmood K. Razavi
- 1:10 PM **Existing and Future Therapies for Chronic Deep Vein Thrombosis**
Lecturers: Rahul S. Patel
- 1:18 PM **Novel Therapies for Superficial Venous Insufficiency: Thermal and Non thermal Technologies**
Lecturers: Raghu Kolluri
- 1:26 PM **Case Presentation: Worst DVT Ever**
Case Presenter: Gregory Piazza

- 1:34 PM **Case Presentation: Reconstruction of Complex Venous Occlusion**
Case Presenter: John Moriarty
- 1:42 PM **Catheter Based Therapy for Acute Pulmonary Embolism: What Does the Data Tell Us**
Lecturers: Akhilesh K. Sista
- 1:50 PM **Emerging Technologies to Treat Acute Pulmonary Embolism**
Lecturers: Mahmood K. Razavi
- 1:58 PM **Case Presentation: Endovascular Treatment of a Massive Pulmonary Embolism**
Case Presenter: John Moriarty
- 2:06 PM **Indications for IVC Filters in 2018**
Lecturers: Ido Weinberg
- 2:14 PM **Case Presentation: Extreme IVC Filter Removal**
Case Presenter: John Moriarty
- 2:22 PM **Roundtable Discussion with Audience QA**

2:32PM - 4:10 PM

Session IV. Acute and Chronic Cerebrovascular Disease Therapies

Moderators: Aman B. Patel, Kenneth Rosenfield

Discussants: Matthew Koch, Demetrius Lopes, Charles Matouk, Stephen R. Ramee, Adnan Siddiqui, Scott Silverman

- 2:32 PM **Carotid Artery Disease Access: Femoral Radial and Direct Carotid Techniques**
Lecturers: Mohammad Ali Aziz-Sultan, Karen Chen, MD
- 2:40 PM **Carotid Artery Disease Access: When and How Should a Difficult Arch be Navigated**
Lecturers: Adnan Siddiqui
- 2:48 PM **Carotid Artery Disease Technical Considerations: Embolic Protection Options and Selection**
Lecturers: Alexander A. Khalessi
- 2:56 PM **Carotid Artery Disease Patient Selection: Impact of Plaque Morphology and Advanced Imaging Options**
Lecturers: Charles Matouk
- 3:04 PM **Carotid Artery Stenting: Synthesizing the Current Randomized Trial Evidence**
Lecturers: Herbert D. Aronow
- 3:12 PM **Roundtable Discussion Carotid Artery Disease Patient Selection and Technical Considerations**
- 3:21 PM **Acute Stroke Treatments: Rapid Review of the Latest Data**
Lecturers: Scott Silverman
- 3:29 PM **Logistics of Stroke Care: Requirements of an Effective Care System**
Lecturers: Mohammad Ali Aziz-Sultan, Karen Chen, MD
- 3:37 PM **Thrombectomy Techniques: Aspiration vs. Stent Retriever**
Lecturers: Aman B. Patel
- 3:47 PM **Edges of Patient Selection for Stroke Thrombectomy: Low NIHSS and Large Core**
Lecturers: Demetrius Lopes, Adnan Siddiqui
- 3:57 PM **Roundtable Discussion Future of Stroke Care**

4:10PM - 5:10 PM

Session V. Best Cases of the Year

Moderators: Robert A. Lookstein, Sahil A. Parikh

Discussants: Ehrin J. Armstrong, Danielle Bajakian, Aman B. Patel, Virendra I Patel

- 4:10 PM **My Best Case Lower Extremity PAD Intervention**
Case Presenter: Danielle Bajkian
- 4:20 PM **My Best Case Deep Venous Disease Intervention**
Case Presenter: Robert A. Lookstein
- 4:30 PM **My Best Case CLI Intervention**
Case Presenter: Ehrin J. Armstrong
- 4:40 PM **My Best Case Neuro Intervention**
Case Presenter: Aman B. Patel
- 4:50 PM **My Best Case Aortic Intervention**
Case Presenter: Virendra I Patel
- 5:00 PM **My Best Case Combined Coronary and Peripheral Intervention**
Case Presenter: Sahil A. Parikh

Lecturers: Gireesh Warwadekar

- 9:55 AM **Percutaneous Deep Vein aRterialization for the Treatment of Late Stage Critical LiMb ISchEmia The PROMISE Trial: Early Feasibility Interim Results LimFlow**
Lecturers: Steve Henao
- 10:09 AM **BlueLeaf: Initial Experience with a Percutaneous Approach to Deep Vein Reflux**
Lecturers: Ramon L Varcoe
- 10:12 AM **Moderated Discussion with QA**

INNOVATION SESSIONS

INTERVENTIONAL INNOVATION I

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 1:30 PM

Room 29A-B, Upper Level

8:00 AM - 9:20 AM

Coronary Interventions and Technologies

Moderators: Robert S. Schwartz, Giuseppe Tarantini

Discussants: Fernando Alfonso, Antonio Colombo, Francesco Prati, Asif Qasim, Carlos E. Uribe, Wojtek Wojakowski

- 8:00 AM **Featured Lecture: Innovation in Percutaneous Coronary Intervention: Remaining Clinical Needs Challenges and Opportunities**
Lecturers: Antonio Colombo

9:20 AM - 10:20 AM

Innovations in Peripheral Vascular Interventions

Moderators: George L Adams, Tony Das

Discussants: Mark C. Bates, Robert M. Bersin, Luis Mariano Palena, Krishna J. Rocha-Singh, Kenneth Rosenfield

- 9:20 AM **Featured Lecture: Reconciling Clinical Needs and Fiscal Responsibility in Peripheral Vascular Interventions**
Lecturers: George L Adams
- 9:27 AM **Peripheral CTO crossing with the SoundBite Active Wire SoundBite**
Lecturers: Eric Therasse
- 9:34 AM **First Report of the 12 Month Outcomes of SELUTION Trial: A Novel Sirolimus Coated DCB Technology Evaluated in SFA MedAlliance**
Lecturers: Klaus Brechtel
- 9:41 AM **Moderated Discussion with QA**
- 9:48 AM **Clinical Outcomes of Sirolimus Eluting Bioresorbable Peripheral Scaffold System in Subjects with Critical Limb Ischemia Disease due to De Novo Lesions Meril**

10:20 AM - 11:30 AM

Interventional Heart Failure

Moderators: Ulrich P. Jorde, John M. Lasala

Discussants: Grzegorz L. Kaluza, Navin K. Kapur, Liwen Liu, Jeffrey W. Moses, Ileana L. Pina, Boris Rudenko

- 10:20 AM **Featured Lecture: New Interventional Opportunities for Device Development in the Heart Failure**
Lecturers: Ulrich P. Jorde
- 10:30 AM **Cryoablation Method for Pulmonary Artery Sympathetic Denervation in Patients with Chronic Heart Failure and Pulmonary Hypertension First in Man Study**
Lecturers: Boris Rudenko
- 10:38 AM **New Treatment Option for HOCM Percutaneous Intramyocardial Radiofrequency Ablation**
Lecturers: Liwen Liu
- 10:46 AM **Cardiac Autonomic Nerves Stimulation Improves Hemodynamics: A Pilot Study in Advanced Heart Failure Patients**
Lecturers: Michael Cuchiaro
- 10:54 AM **Moderated Discussion with QA**
- 11:04 AM **Occlusion of the Superior Vena Cava to Reduce Cardiac Filling Pressures is Safe and Feasible in Acutely Decompensated Heart Failure: A First in Man Proof of Concept Study**
Lecturers: Navin K. Kapur
- 11:12 AM **Selective CRP Apheresis as a New Treatment Option in Acute Myocardial Infarction: First Results of the CAMI1 Study**
Lecturers: Christoph Garlichs
- 11:20 AM **Moderated Discussion With QA**
- 11:30 AM - 1:30 PM
- Featured Session in Digital Health Care**
- Moderators: Sanjeev Bhavnani, Issam D. Moussa
- Discussants: Peter J. Fitzgerald, Chaim S. Lotan, Ken Persen, Asif Qasim, Lonny Reisman, Wojtek Wojakowski
- 11:30 AM **Featured Lecture 1: Digital Health Solutions in Cardiology: The Hope the Hype and the Future**
Lecturers: Sanjeev Bhavnani

INTERVENTIONAL INNOVATION II

FRIDAY, SEPTEMBER 21, 2018

1:30 PM - 5:30 PM

Room 29A-B, Upper Level

1:30 PM - 2:50 PM

TAVR Innovation and Ancillary Technologies

Moderators: Dariusz Dudek, Ran Kornowski, Axel Linke
Discussants: Hemal Gada, Isaac George, Adam B. Greenbaum, Giuseppe Tarantini, Wojtek Wojakowski

1:30 PM **Featured Lecture: Future Innovation in TAVR: Remaining Clinical Needs Novel Technologies and Ancillary Device Strategies**
Lecturers: Martin B. Leon

2:50 PM - 4:30 PM

Trans-Catheter Mitral Valve Intervention

Moderators: Vinayak Bapat, Juan F. Granada
Discussants: Steven L. Almany, Samir R. Kapadia, Issam D. Moussa, David W.M. Muller, Ulrich Schäfer, Mathew Williams

2:50 PM **Featured Lecture: Trans Catheter Mitral Valve Intervention: Technical and Clinical Lessons Learned from Early Human Clinical Studies**
Lecturers: Vinayak Bapat

4:30 PM - 5:30 PM

Trans-catheter Tricuspid Valve Intervention

Moderators: Azeem Latib, Georg Nickenig
Discussants: Charles J. Davidson, Paolo Denti, Rebecca T. Hahn, Christopher U. Meduri, Issam D. Moussa, Maurizio Taramasso

4:30 PM **Featured Lecture: Catheter Based Tricuspid Intervention: Current Technical Challenges and Early Clinical Experiences**
Lecturers: Maurizio Taramasso

4:38 PM **Simplifying TTVR with a Novel Cinching System Tricinch**
Lecturers: Jan Van der Heyden

4:45 PM **Minimally Invasive Tricuspid Valve Annuloplasty Repair Technology MIATM MicroInterventional Devices: Early Clinical Experience**
Lecturers: Mathew Williams

4:52 PM **Transcatheter Tricuspid Valve Repair: Results From The Multicenter Trial 6 Month Outcomes**
Lecturers: Georg Nickenig

4:59 PM **Moderated Discussion With QA**

5:05 PM **First in human Transcatheter Tricuspid Valve Repair by the Mistral device Mitralix**
Lecturers: Haim Danenberg

5:12 PM **Compassionate Use of the PASCAL System for Transcatheter Tricuspid Repair: A Multicenter First in Human Experience**
Lecturers: Ralph Stephan von Bardeleben

5:19 PM **Moderated Discussion With QA**

SATELLITE SPECIAL SESSION

SPECIAL SESSION: TRANSLATIONAL PATHWAYS FOR CARDIOVASCULAR DEVICES (SPONSORED BY INTERNATIONAL SOCIETY FOR CARDIOVASCULAR TRANSLATIONAL RESEARCH)

FRIDAY, SEPTEMBER 21, 2018

8:00 AM - 5:00 PM

Room 30A-C, Upper Level

8:00 AM - 8:20 AM

Introduction

8:00 AM **Introduction Video**
Lecturers: Nabil Dib

8:02 AM **Welcome Statement**
Lecturers: Spencer B. King III

8:05 AM **ISCTR Mission and Statement of Meeting Purpose**
Lecturers: Nabil Dib

8:20 AM - 10:30 AM

Session I: Requirements for CV Devices Approval; Regulatory, Payers, and Practice Guidelines

Moderators: Spencer B. King III, Bram D. Zuckerman

8:20 AM **Regulatory Requirement for Marketing Approval including the Parallel Review NEST and Beyond**
Lecturers: Bram D. Zuckerman

8:35 AM **CMS Requirement for Reimbursement for Innovation**
Lecturers: Lori M Ashby

8:50 AM **Practice Guideline Requirement for New Technology**
Lecturers: Alice K. Jacobs

9:05 AM **Pre Clinical and Clinical Trial Design and Endpoints for Device Approval**
Lecturers: Chris Mullin, Roseann M White

9:20 AM **Early Feasibility Studies for Device Evaluation**
Lecturers: Andrew Farb

9:35 AM **The Patients Voice**
Lecturers: Mark Mercola

9:45 AM **Panel Discussion**
Discussants: Phil Adamson, Lori M Ashby, Robert O. Bonow, Andrew Farb, Alice K. Jacobs, Louis Jacques, Spencer B. King III, Mitchell W. Krucoff, Chris Mullin, David Reuter, Stan Rowe, Chuck Simonton, Roseann M White

10:15 AM **Break**

10:30 AM - 12:00 PM

Session II: ISCTR Award Presentation and Keynote Address

Moderators: Robert O. Bonow, Stan Rowe

10:30 AM **Presentation of the Glen and Marilyn Nelson Award for Innovation and Translation in Cardiovascular Medicine to Alain Cribier and Martin Leon presented by Stan Rowe and Robert Bonow**

10:40 AM **Video Presentation of the Glen and Marilyn Nelson Award for Innovation and Translation in Cardiovascular Medicine**
Lecturers: Nabil Dib

10:45 AM **The TAVR Development from Concept to First in Man**
Lecturers: Alain G. Cribier

11:05 AM **The TAVR Development from First in Man to Phase 3 and Beyond**
Lecturers: Martin B. Leon

11:25 AM **Lunch**

12:00 PM - 12:50 PM

Session III: Translational Pathway for Transcatheter Aortic Valve Development

Moderators: Jeroen J. Bax, Martin B. Leon

- 12:00 PM **The Methods for Aortic Valve Development**
Lecturers: Stan Rowe
- 12:15 PM **The Endpoints for Aortic Valve Development**
Lecturers: Ori Ben-Yehuda
- 12:30 PM **Panel Discussion**
Discussants: Jeroen J. Bax, Robert O. Bonow, Ian Meredith, Stan Rowe, Susan Strong, Bernard Vasseur, Bram D. Zuckerman

- 4:25 PM **Panel Discussion**
Discussants: Keith Aaronson, Lori Ashby, Jeroen J. Bax, Blase A. Carabello, Andrew Farb, Alice K. Jacobs, Chris Mullin, Douglas Packer, Stan Rowe, Roseann M White

CHALLENGING CASES

FRIDAY NIGHT SOCIAL: FEATURING CHALLENGING CASES & POSTER ABSTRACTS

FRIDAY, SEPTEMBER 21, 2018

5:00 PM - 7:00 PM

East Side Foyer, Upper Level (outside Rooms 20-33)

SATURDAY, SEPTEMBER 22, 2018

BREAKFAST PROGRAMS

BREAKFAST PROGRAM: FUTURE PERSPECTIVES AND TECHNOLOGIES IN BTK INTERVENTION (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM

Room 30D-E, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

Future Perspectives and Technologies in BTK Intervention

Co Chairs: Juan F. Granada, Sahil A. Parikh

Lecturers: William A. Gray

Faculty: George L Adams, Ehrin J. Armstrong, Luis Mariano Palena, Ramon L Varcoe

7:00 AM **Introduction and Session Objectives**

Lecturers: Sahil A. Parikh

7:02 AM **Case Presentations: Unmet Needs in CLI**

Lecturers: George L Adams

7:14 AM **Crossing Technologies: Available Tools and Outcomes**

Lecturers: Ehrin J. Armstrong

7:24 AM **Moderated Discussion**

7:26 AM **Dedicated Scaffolds and Stents**

Lecturers: Ramon L Varcoe

7:36 AM **Moderated Discussion**

7:38 AM **Emergent Drugs and Local Drug Delivery Systems**

Lecturers: William A. Gray

7:48 AM **Moderated Discussion**

12:50 PM - 1:40 PM

Session IV: The Translational Pathway for Transcatheter Mitral/Tricuspid Valve Development

Moderators: Robert O. Bonow, John C Laschinger

12:50 PM **The Methods for Translational Mitral/Tricuspid Valve Development**
Lecturers: Michael J. Mack

1:05 PM **The Endpoints for Translational Mitral/Tricuspid Valve Development**
Lecturers: Blase A. Carabello

1:20 PM **Panel Discussion**
Discussants: Wade Aubry, Blase A. Carabello, Steven L. Goldberg, Michael J. Mack, David Reuter, Sharon Saeger, Gregg W. Stone, Robert Thatcher, Patrick Verta, Changfu Wu

1:40 PM - 2:45 PM

Session V: The Translational Pathway for Coronary Stent Development

Moderators: Mitchell W. Krucff, Gregg W. Stone

1:40 PM **The Methods for Coronary Stent Development**
Lecturers: Chuck Simonton

1:55 PM **The Methods for Coronary Stent Development**
Lecturers: Donald Cutlip

2:10 PM **Panel Discussion**
Discussants: Robert Benton, Donald Cutlip, Nabil Dib, Neal Fearnot, Spencer B. King III, Ian Meredith, Laura Perkins, Chuck Simonton

2:30 PM **Break**

2:45 PM - 3:35 PM

Session VI: The Translational Pathway for Catheter Ablation Development

Moderators: Marco Cannella, Douglas Packer

2:45 PM **The Methods for Catheter Ablation Development**
Lecturers: Douglas Packer

3:00 PM **The Endpoints for Catheter Ablation Development**
Lecturers: Marco Cannella

3:15 PM **Panel Discussion**
Discussants: Wade Aubry, Jun Dong, Larry Haffner, Anthony Hong, Timothy Laske, Amit Shanker

3:35 PM - 4:25 PM

Session VII: The Translational Pathway for Left Ventricular Assist Device Development

Moderators: Ileana L. Pina, Magdi Yacoub

3:35 PM **The Methods for LVAD Development**
Lecturers: Francis Pagani

3:50 PM **The Endpoints for LVAD Evaluation**
Lecturers: Keith Aaronson

4:05 PM **Panel Discussion**
Discussants: Keith Aaronson, Phil Adamson, Neil Argo, Robin Bostic, Kevin Bourque, Michael R Minogue, Francis Pagani, Bernard Vasseur, Changfu Wu

4:25 PM - 5:00 PM

Session VIII: Application of the Consensus Document

Moderators: Spencer B. King III, Bram D. Zuckerman

7:50 AM **Panel Discussion: Unmet Needs in BTK Intervention: Where Are We Now and Where Are We Going**
8:00 AM **Adjourn**

BREAKFAST PROGRAM: INTRA-AORTIC BALLOON COUNTERPULSATION FOR PERCUTANEOUS AORTIC VALVE OR COMPLEX PCI PROCEDURES - AWARD WINNING CASE PRESENTATIONS (ORGANIZED BY CRF, SPONSORED BY GETINGE)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM
Room 24A-B, Upper Level

6:30 AM - 8:00 AM

Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures - Award Winning Case Presentations

*Chairs: Tayo A. Addo, George D. Dangas, Jose M. Wiley
Faculty: Lampson Fan, Tomasz Gasior, Stefanos Votsis*

6:30 AM **Check in Breakfast**

7:00 AM **Rocks and Balloons**
Lecturers: Lampson Fan

7:15 AM **QA**

7:20 AM **How to Fix a Broken Heart Percutaneous Management of Acute Ischemic Left Ventricular Free Wall Rupture**
Lecturers: Tomasz Gasior

7:35 AM **QA**

7:40 AM **Intra aortic Balloon Pump Utilization in a Patient With Cardiogenic Shock Following Cardiac Arrest Due to Partial Left Main Coronary Artery Occlusion Which Was Caused By Valve annulus Remodeling of a Bioprosthetic Aortic Valve 60 Days After TAVR Procedu**
Lecturers: Stefanos Votsis

7:55 AM **QA**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: NEW TREATMENT STRATEGIES FOR CARDIOGENIC SHOCK: IMPELLA-EXPANDED INDICATIONS (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC.)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM
Room 23B-C, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

New Treatment Strategies for Cardiogenic Shock: Impella-Expanded Indications

*Chairs: William W. O'Neill
Faculty: Cindy L. Grines, Navin K. Kapur*

7:00 AM **Advances in the Treatment of Cardiovascular Disease in Women: PCI MI Shock Myocarditis SCAD and Post partum Cardiomyopathy**
Lecturers: Cindy L. Grines

7:15 AM **Discussion**

7:20 AM **The Impact of The Cardiogenic Shock Initiative NCSI: One Year Later**
Lecturers: William W. O'Neill

7:35 AM **Discussion**

7:40 AM **Understanding the Importance of Ventricular Unloading in Management of AMI and Cardiogenic Shock**
Lecturers: Navin K. Kapur

7:55 AM **Discussion**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: PCI COMPLICATIONS: THE BEST OF THE WORST (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM
Room 28D-E, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

PCI Complications: The Best of the Worst

*Co Chairs: Manish A. Parikh, Jasvinder Singh
Faculty: Nirat Beohar, David A. Cox, James B. Hermiller Jr, Dimitri Karpaliotis*

7:00 AM **The Coronary Perforation Nightmare**
Lecturers: Dimitri Karpaliotis

7:10 AM **Discussion**

7:15 AM **The Coronary that Spiraled Out of Control**
Lecturers: James B. Hermiller Jr

7:25 AM **Discussion**

7:30 AM **The Slam Dunk STEMI No Reflow and Beyond**
Lecturers: David A. Cox

7:40 AM **Discussion**

7:45 AM **My Worst Vascular Complication of the Year**
Lecturers: Nirat Beohar

7:55 AM **Discussion**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: RENAL DENERVATION: TRIAL DESIGN REALLY MATTERS (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM
Room 26A-B, Upper Level

6:30AM - 7:00 AM

Check-In & Breakfast

7:00AM - 8:00 AM

Renal Denervation: Trial Design Really Matters

Chairs: David E. Kandzari

Faculty: Justin E. Davies, Felix Mahfoud, Andrew Sharp

- 7:00 AM **Welcome**
Lecturers: David E. Kandzari
- 7:05 AM **The SPYRAL OFF and ON MEDS Program and Next Steps**
Lecturers: Andrew Sharp
- 7:17 AM **Renal Denervation in Clinical Practice: Real World Experience and Lessons Learned**
Lecturers: Felix Mahfoud
- 7:29 AM **What Additional Evidence I Need or Dont to Incorporate RDN into Clinical Practice**
Lecturers: Justin E. Davies
- 7:41 AM **Discussion**
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: SIMPLIFY AND OPTIMIZE YOUR PCI WITH ENHANCED IMAGING AND ADVANCED PHYSIOLOGY (SPONSORED BY ACIST & MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018

6:30 AM - 8:00 AM

Room 25A-B, Upper Level

6:30AM - 8:00 AM

Simplify and Optimize Your PCI With Enhanced Imaging and Advanced Physiology

Chairs: Ziad A. Ali

Faculty: Joost Daemen, Morton J. Kern, Arnold Seto

- 6:30 AM **Check in Breakfast**
- 7:00 AM **Welcome**
Lecturers: Ziad A. Ali
- 7:05 AM **Current Practices and New Approaches for Best Outcomes**
Lecturers: Morton J. Kern
- 7:15 AM **Resting Indices for Physiologic Assessment Are they all created equally**
Lecturers: Arnold Seto
- 7:25 AM **Using Physiology and Imaging Tools for Post PCI Assessment Are you finished**
Lecturers: Joost Daemen
- 7:40 AM **Imaging and Physiology Guided PCI Without Contrast Administration Is this the future**
Lecturers: Ziad A. Ali
- 7:55 AM **Wrap up and QA**

MAIN ARENA**MAIN ARENA I, SATURDAY, SEPT. 22****SATURDAY, SEPTEMBER 22, 2018**

8:00 AM - 1:06 PM

Main Arena, Hall F, Ground Level

Accreditation: CME,ASRT,MOC,CNE

8:00AM - 9:30 AM

Live Cases #1

Live Case Moderators: Martin B. Leon, Roxana Mehran

Live Case Co Moderators: Michael J. Mack

Live Case Discussants: Alexandre Abizaid, John K. Forrest, J. Aaron Grantham, David Hildick-Smith, Dimitri Karpaliotis, Susheel K. Kodali, Amir Lerman, Manish A. Parikh, Michael J. Reardon, Carlos E. Uribe, R. Michael Wyman

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Hussein M. Rahim, Sabato Sorrentino, Eisuke Usui

8:00 AM **University of Washington Medical Center Regional Heart Center Seattle WA**

Live Case Operators: Ravi S. Hira, William L. Lombardi, James M. McCabe

8:45 AM **Mayo Clinic Rochester MN**

Live Case Operators: Mackram F. Eleid, Robert Frantz, Mayra Guerrero, Chet Rihal, Gurpreet S. Sandhu

9:30AM - 9:36 AM

TCT 2018 - 30th Anniversary9:30 AM **30th Anniversary**

Moderators: Martin B. Leon, Gregg W. Stone

9:36AM - 10:06 AM

Rapid Fire Case Controversies: Coronary

Moderators: Antonio Colombo, Ajay J. Kirtane

Discussants: Didier Carrié, Junbo Ge, Michael Haude, Stuart J. Head, Andrzej J. Ochala, Simon Redwood, Gennaro Sardella, Terje K. Steigen

9:36 AM **Complex Coronary Artery Disease: PCI vs. CABG**

Case Presenter: Davide Capodanno

9:46 AM **STEMI With Multivessel Disease: How To Proceed**

Case Presenter: Pieter C. Smits

9:56 AM **High Risk Elective PCI: Is Hemodynamic Support Necessary**

Case Presenter: David G. Rizik

10:06AM - 10:21 AM

TCT 2018 Geoffrey O. Hartzler Master Operator Award

Moderators: Martin B. Leon, Gregg W. Stone

Award Recipients: John G. Webb

10:06 AM **TCT 2018 Geoffrey O. Hartzler Master Operator Award**

Lecturers: Martin B. Leon

10:21AM - 11:21 AM

Late-Breaking Trials 1, Sponsored by the Lancet

Moderators: Gregg W. Stone

Co Moderator: Stuart Spencer

Discussants: Gary M. Ansel, Robert A. Byrne, Didier Carrié, Michael R. Jaff, Jens Flensted Lassen, Tullio Palmerini, Sahil A. Parikh, Thomas Pilgrim, Mahmood K. Razavi, Manel Sabate

10:21 AM **IMPERIAL: A Randomized Trial of Drug Eluting Stents for Treatment of Femoropopliteal Artery Lesions**

Lecturers: William A. Gray

10:33 AM **Roundtable Discussion**

10:41 AM **BIONYX: A Randomized Trial Evaluating a Thin Composite Wire Strut Durable Polymer Based DES Compared with an Ultra Thin Strut Bioresorbable Polymer Based DES in an All Comers Patient Population**

Lecturers: Clemens von Birgelen

10:53 AM **Roundtable Discussion**

11:01 AM **ReCre8: A Randomized Trial Evaluating a Polymer Free Coronary Drug Eluting Stent in an All Comers Patient Population**

Lecturers: Pieter R. Stella

11:13 AM **Roundtable Discussion**

11:21AM - 12:06 PM

Live Cases #2

Live Case Moderators: Ajay J. Kirtane

Live Case Co Moderators: Irene M. Lang

Live Case Discussants: Riyaz Bashir, Stanley J. Chetcuti, Anthony N. DeMaria, Philip Green, Nick H. Kim, Hiromi Matsubara, Oscar A. Mendiz, Issam D. Moussa, Kenneth Rosenfield, Alex M. K. Rothman

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

11:21 AM **University of California San Diego San DiegoCA**

Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

12:06PM - 1:06 PM

Late-Breaking Trials 2, Co-Sponsored by Circulation

Moderators: Sunil V. Rao

Co Moderator: Rob Gropler, Dharam J. Kumbhani, Roxana Mehran

Discussants: Andreas Baumbach, Donald Cutlip, David E. Kandzari, Marie-Claude Morice, Francesco Prati, Sigmund Silber, Giulio Stefanini, Philip M. Urban

12:06 PM **LEADERS FREE II: Evaluation of a Polymer Free Coronary Drug Eluting Stent in High Bleeding Risk Patients With One Month Dual Antiplatelet Therapy**

Lecturers: Mitchell W. Krucoff

12:18 PM **Roundtable Discussion**

12:26 PM **SORT OUT IX: A Randomized Trial Comparing a Polymer Free Coronary Drug Eluting Stent With an Ultra Thin Strut Bioresorbable Polymer Based Drug Eluting Stent in an All Comers Patient Population**

Lecturers: Lisette Okkels Jensen

12:38 PM **Roundtable Discussion**

12:46 PM **TALENT: A Randomized Trial Evaluating an Ultra Thin Strut Bioresorbable Polymer Based Coronary Drug Eluting Stent in an All Comers Patient Population**

Lecturers: Patrick W. Serruys

12:58 PM **Roundtable Discussion**

LIVE CASE THEATER

LIVE CASE THEATER I, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 12:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00AM - 10:00 AM

Session I. Live Cases: Robot-CHIP/CHIP

Live Case Moderators: Giora Weisz

Live Case Co Moderators: Jeffrey W. Moses

Live Case Discussants: J. Dawn Abbott, Yaron Almagor, Rafael Beyar, Kenneth Chin, Javier Escaned, Jean Fajadet, Gary Gershony, Aaron V. Kaplan, Akiko Maehara, Richard Shlofmitz

Factoid Faculty: Paul Guedeney, Aakriti Gupta, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

8:00 AM **University of California San Diego San Diego CA**

Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

9:00 AM **Scripps Clinic and Research Foundation La Jolla California**

Live Case Operators: Matthew J. Price, Curtiss T. Stinis, Paul S. Teirstein

10:00AM - 12:00 PM

Session II. Live Cases: SHD

Live Case Moderators: Jan Kovac, Francesco Maisano

Live Case Co Moderators: Maurice E. Sarano

Live Case Discussants: Anita Asgar, Vasilis Babaliaros, John D. Carroll, Charles J. Davidson, Sameer Gafoor, Linda D. Gillam, Scott Lim, Thomas Modine, Tamim Nazif, Gilbert H.L. Tang

Factoid Faculty: Paul Guedeney, Aakriti Gupta, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi

10:00 AM **University of Washington Medical Center Regional Heart Center**

Live Case Operators: Gabriel Aldea, Danny Dvir, G. Burkhard Mackensen, James M. McCabe, Mark Reisman

11:00 AM **Mayo Clinic Rochester MN**

Live Case Operators: Mackram F. Eleid, Robert Frantz, Mayra Guerrero, Chet Rihal, Gurpreet S. Sandhu

LIVE CASE THEATER II, SATURDAY, SEPT. 22

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 4:00 PM

Session I. Live Cases: LM/Bifurc

Live Case Moderators: Jean Fajadet

Live Case Co Moderators: Erick Schampaert

Live Case Discussants: Dietmar H. Glogar, Nicholas J. Lembo, Yves R. Louvard, Simon Redwood, Bernhard Reimers, Samin K. Sharma, Bernhard Witzenbichler, Bo Xu

Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Evan Shlofmitz, Eisuke Usui

2:00 PM Cedars Sinai Medical Center Los Angeles California

Live Case Operators: Suhail Dohad, Saibal Kar, Mehran Khorsandi, Moody M Makar, Raj Makkar, Mamoo Nakamura, Siddharth Singh, Sabah Skaf, Laura Zung

3:00 PM Scripps Clinic and Research Foundation La Jolla California

Live Case Operators: Matthew J. Price, Curtiss T. Stinis, Paul S. Teirstein

4:00 PM - 6:00 PM

Session II. Live Cases: LAAC

Live Case Moderators: Vivek Y. Reddy

Live Case Co Moderators: Brian K. Whisenant

Live Case Discussants: Maurice Buchbinder, Shephal Doshi, David Hildick-Smith, Petr Neuzil, Fabian Nietlispach, Stephane Noble, Tobias Tichelbäcker, Apostolos Tzikas, Paul Vermeersch

Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Evan Shlofmitz, Eisuke Usui

4:00 PM Cedars Sinai Medical Center Los Angeles California

Live Case Operators: Suhail Dohad, Saibal Kar, Mehran Khorsandi, Moody M Makar, Raj Makkar, Mamoo Nakamura, Siddharth Singh, Sabah Skaf, Laura Zung

5:00 PM Scripps Clinic and Research Foundation La Jolla California

Live Case Operators: Matthew J. Price, Paul S. Teirstein

KEYNOTE PRESENTATION THEATER

KEYNOTE INTERVENTIONAL STUDIES I: ENDOVASCULAR INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Ballroom 6A, Upper Level

Accreditation: CME, MOC

1:00 PM - 2:00 PM

Keynote Interventional Studies I: Endovascular Interventions

Moderators: Lindsay S. Machan, Craig M. Walker

Discussants: George L Adams, Subhash Banerjee, Tony Das, Eric J. Dippel, Yosuke Hata, Khusrow Niazi, Mahmood K. Razavi, Eric A Secemsky

1:00 PM **IN.PACT DCB: Pooled Multistudy Assessment of Drug Coated Balloon Treatment for Femoropopliteal Peripheral Artery Disease**

Lecturers: Mehdi H. Shishehbor

1:10 PM **Discussion**

1:15 PM **EffPac RCT: A Randomized Trial Evaluating a Drug Coated Balloon in Superficial Femoral and Popliteal Arteries**

Lecturers: Marcus Thieme

1:25 PM **Discussion**

1:30 PM **DANCE: Two Year Outcomes of Adventitial Dexamethasone Delivery During Femoropopliteal Revascularization**

Lecturers: Ehrin J. Armstrong

1:40 PM **Discussion**

1:45 PM **Use and Outcomes With Drug Coated Balloons in Patients With Lower Extremity Peripheral Artery Disease**

Lecturers: Schuyler Jones

1:55 PM **Discussion**

KEYNOTE INTERVENTIONAL STUDIES II: ACUTE CORONARY SYNDROMES, CARDIOGENIC SHOCK, AND HEMODYNAMIC SUPPORT

SATURDAY, SEPTEMBER 22, 2018

3:00 PM - 4:00 PM

Ballroom 6A, Upper Level

Accreditation: MOC, CME

3:00 PM - 4:00 PM

Keynote Interventional Studies II: Acute Coronary Syndromes, Cardiogenic Shock, and Hemodynamic Support

Moderators: Jonathan M. Hill, E. Magnus Ohman

Discussants: Christian W. Hamm, Biswajit Kar, Upendra Kaul, Zuzana Motovska, Graham Nichol, Duane S. Pinto, Pieter C. Smits, William M Suh

3:00 PM **AMICS: Predictors of Survival in Patients With Acute Myocardial Infarction and Cardiogenic Shock Supported With a Percutaneous Left Ventricular Assist Device**

Lecturers: William W. O'Neill

3:10 PM **Discussion**

3:15 PM **SHIELD II: Acute Outcomes and 90 Day Results in Patients Undergoing High Risk PCI Supported With a Percutaneous Left Ventricular Assist Device**

Lecturers: David E. Kandzari

3:25 PM **Discussion**

3:30 PM **TROPICAL ACS: Platelet Reactivity and Clinical Outcomes in Acute Coronary Syndrome Patients Treated With Prasugrel and Clopidogrel**

Lecturers: Dániel Aradi

3:40 PM **Discussion**

3:45 PM **CvLPRIT: Long term Follow up From a Randomized Trial of Early Complete Revascularization in Patients With Acute Myocardial Infarction and Multivessel Disease**

Lecturers: Anthony H. Gershlick

3:55 PM **Discussion**

KEYNOTE INTERVENTIONAL STUDIES III: IMAGING AND PHYSIOLOGY

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:00 PM

Ballroom 6A, Upper Level

Accreditation: CME, MOC

4:00 PM - 5:00 PM

Keynote Interventional Studies III: Imaging and Physiology

Moderators: Nick Curzen, Nils Johnson

Discussants: Hector M. Garcia-Garcia, Massoud A. Leesar, Amir Lerman, Francesco Prati, Jennifer A. Tremmel, Tim P. Van de Hoef, Gerald S. Werner, Nick E. J. West

- 4:00 PM **DEFERRAL Meta Analysis: Outcomes after FFR based Deferred Revascularization of Nonculprit Stenoses in Acute Coronary Syndromes vs Stable Coronary Artery Disease**
Lecturers: Javier Escaned
- 4:10 PM **Discussion**
- 4:15 PM **iFR SWEDEHEART: Two Year Follow up From a Randomized Trial of Instantaneous Wave Free Ratio vs Fractional Flow Reserve Guided PCI**
Lecturers: Ole Fröbert
- 4:25 PM **Discussion**
- 4:30 PM **IRIS FFR: Prognostic Performance of Five Resting Pressure Derived Indexes of Coronary Physiology**
Lecturers: Jung-Min Ahn
- 4:40 PM **Discussion**
- 4:45 PM **FORZA: A Randomized Trial of Fractional Flow Reserve vs Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses**
Lecturers: Antonio Maria Leone
- 4:55 PM **Discussion**

8:30 AM **A Vascular Compliance Enhancing Device for Treatment of Pulmonary Arterial Hypertension: Aria CV**
Lecturers: John Scandurra

8:40 AM **QA**

8:50 AM **A Bioinspired Transcatheter Mitral Valve Replacement System: AValve**
Lecturers: Mohammad Sarraf

9:00 AM **QA**

9:10 AM **Intelligent Voice Assistant for Heart Disease Patients: Cardiocube**
Lecturers: Oskar Kiwic

9:20 AM **QA**

9:30 AM **Novel Transseptal Neochordal System for Precise Mitral Valve Repair: Chordart**
Lecturers: Alberto Weber

9:40 AM **QA**

9:50 AM **Controlled Flow Infusion: A New Approach to Measure Dynamic Microvascular Resistance and to Treat Microvascular Obstruction in Acute Heart Attack Patients in the Cath Lab: CorFlowTherapeutics AG**
Lecturers: Jon H Hoem

10:00 AM **QA**

10:10 AM **New System for Measurement of Pulmonary and Systemic BloodFlow and Intracardiac Shunts: Innova Medical**
Lecturers: Josef Stasek

10:20 AM **QA**

10:30 AM **Comprehensive Solution for Tricuspid Regurgitation and RVDysfunction: Trisol Medical**
Lecturers: Giora Weisz

10:40 AM **QA**

10:50 AM **Roundtable Discussion**

INNOVATION SESSIONS

INTERVENTIONAL INNOVATION: SHARK TANK INNOVATION COMPETITION

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 11:00 AM

Ballroom 6A, Upper Level

8:00 AM - 11:00 AM

Shark Tank Innovation Competition

Moderators: Louis A. Cannon, Juan F. Granada

Judge: Daniel Burkhoff, Tony Das, Peter J. Fitzgerald, Steven Hochberg, Frank Litvack, Chaim S. Lotan, Asif Qasim, Stanton J. Rowe

- 8:00 AM **Introduction and Objectives**
Lecturers: Juan F. Granada
- 8:05 AM **Announcing the Jon DeHaan Foundation Award for Interventional Innovation**
Lecturers: Robert S. Schwartz
- 8:10 AM **Keynote Lecture: Cardiovascular Innovation: Reconciling Today's Clinical Needs With the Future of Medical Technologies**
Lecturers: Sanjeev Bhavnani
- 8:20 AM **Roundtable Discussion**

DIDACTIC SESSIONS

DIDACTIC SESSION: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND CORONARY DRUG-COATED BALLOONS, PART 1

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 12:15 PM

Room 2, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 8:43 AM

Session I. Metallic DES Progress and Failures

Moderators: Renu Virmani, Clemens von Birgelen

Discussants: Salvatore Cassese, Alope V. Finn, Nicolas Foin, John A. Ormiston, Dinesh Shah, Sigmund Silber

8:00 AM **Keynote: Why Do Contemporary DES Fail Early and Late Restenosis and Thrombosis**

Lecturers: Michael Joner

8:15 AM **Can Contemporary DES Be Improved by Altering the Drug Polymer Alloy or Construction**

Lecturers: David E. Kandzari

8:25 AM **Ultra Thin Strut DES: A Meaningful Advance**

Lecturers: Sripal Bangalore

8:33 AM **Roundtable Discussion With Audience QA**

8:43 AM - 9:46 AM

Session II. DAPT Duration and Triple Therapy

Moderators: Philip M. Urban, Robert W. Yeh

Discussants: Michael A. Kutcher, Michelle O'Donoghue, Elmir Omerovic, Manel Sabate, Daniel I. Simon, Giuseppe Tarantini

8:43 AM **Latest Thinking on DAPT Duration: Balancing Risk vs Benefit**

Lecturers: Tullio Palmerini

8:53 AM **Roundtable Discussion With Audience QA**

8:56 AM **Algorithmic Pharmacology Recommendations for the PCI Patient With Atrial Fibrillation**

Lecturers: C. Michael Gibson

9:06 AM **Roundtable Discussion With Audience QA**

9:09 AM **Stent Selection for 1 3 Month DAPT: Current Evidence Ongoing Studies**

Lecturers: Stephan Windecker

9:19 AM **Roundtable Discussion With Audience QA**

9:22 AM **DAPT Duration Case Presentation 1: NSTEMI in a High Bleeding Risk Patient Case Introduction**

Case Presenter: Elvin Kedhi

9:25 AM **Case discussion With Audience QA**

9:31 AM **Case Conclusion**

Lecturers: Elvin Kedhi

9:34 AM **DAPT Duration Case Presentation 2: PCI in Stable CAD With LMCAD and MVD Case Introduction**

Case Presenter: Alaide Chieffo

9:37 AM **Case Discussion With Audience QA**

9:43 AM **Case Conclusion**

Case Presenter: Alaide Chieffo

9:46 AM - 10:42 AM

Session III. PCI and OMT for Ischemia and QOL

Moderators: David J. Cohen, Sunil V. Rao

Discussants: Rasha Al-Lamee, John A. Bittl, David L Fischman, Rajiv Gulati, Dharam J. Kumbhani, Mamas Mamas

9:46 AM **Optimal Medical Therapy With and Without Coronary Revascularization: Which Drugs Matter Symptoms Ischemia or Prognosis And Magnitude of Impact**

Lecturers: David J. Maron

9:56 AM **Roundtable Discussion With Audience QA**

10:01 AM **Increasing Emphasis on QOL Outcomes: From Patient Preference to Instrument Validation**

Lecturers: John A. Spertus

10:09 AM **Roundtable Discussion With Audience QA**

10:12 AM **PCI for Ischemia Part I: Critical Analysis of the FAME Trials and ORBITA**

Lecturers: Bernard J. Gersh

10:22 AM **Roundtable Discussion With Audience QA**

10:27 AM **PCI for Ischemia Part II: Why the ISCHEMIA Trial Might be Positive..or Negative**

Lecturers: Ajay J. Kirtane

10:37 AM **Roundtable Discussion With Audience QA**

10:42 AM - 12:15 PM

Session IV. Revascularization in Complex CAD

Moderators: Antonio Colombo, Jeffrey W. Moses

Discussants: Carlos Collet, Pablo Lamelas, John D. Puskas, Alfredo E. Rodriguez, Pieter C. Smits, Wilson Y. Szeto

10:42 AM **Defining What Constitutes a Clinically Relevant Peri Procedural MI: Analysis in 17000 Patients**

Lecturers: Jung-Min Ahn

10:52 AM **Roundtable Discussion With Audience QA**

10:57 AM **Mortality and Stroke Outcomes of PCI vs CABG in MVD and LMD With and Without Diabetes**

Lecturers: Stuart J. Head

11:07 AM **Roundtable Discussion With Audience QA**

11:10 AM **How Much Has PCI and CABG Improved in MVD and LMD: Insights From SYNTAX II and SYNTAX EXCEL Comparative Analyses**

Lecturers: Patrick W. Serruys

11:17 AM **Roundtable Discussion With Audience QA**

11:20 AM **PCI for MVD: Is Complete Revascularization the Missing Link Anatomic or Functional**

Lecturers: William F. Fearon

11:30 AM **Roundtable Discussion With Audience QA**

11:33 AM **Hybrid Revascularization as an Alternative to PCI or CABG**

Lecturers: John D. Puskas

11:40 AM **Roundtable Discussion With Audience QA**

11:43 AM **MVD Case Presentation With Heart Team Discussion Case Introduction**

Case Presenter: Alan C. Yeung

11:46 AM **Case Discussion With Audience QA**

11:53 AM **Case Conclusion**

Case Presenter: Alan C. Yeung

11:56 AM **Is It Time to Move Beyond Angiography for Procedural Planning SYNTAX III**

Lecturers: Antonio L. Bartorelli

12:03 PM **Is It Time to Move Beyond Angiography for Procedural Planning DECISION**

Lecturers: Gregg W. Stone

12:10 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT, PART 1

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 12:15 PM

Room 6D, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00AM - 9:34 AM

Session I. Acute Cardiogenic Shock: What Is the Right Treatment Algorithm?

Moderators: Cindy L. Grines, E. Magnus Ohman

Discussants: Emmanouil S. Brilakis, Marisa Cevasco, Anthony H. Gershlick, Navin K. Kapur, Ashish Pershad

- 8:00 AM **Defining Cardiogenic Shock: Update From the SCAIHFS Working Group**
Lecturers: David A Baran
- 8:08 AM **Acute Cardiogenic Shock: Pathophysiology and Treatment Goals**
Lecturers: Timothy D. Henry
- 8:16 AM **Roundtable Discussion With Audience QA**
- 8:21 AM **Major Learnings From IABP Shock II and CULPRIT Shock**
Lecturers: Holger Thiele
- 8:31 AM **IABP in Cardiogenic Shock: Reconciling Clinical Trial Results and Guidelines With Real World Experience With Practical use Recommendations**
Lecturers: Richard Smalling
- 8:39 AM **Roundtable Discussion With Audience QA**
- 8:44 AM **Use of Impella CP and RP in Cardiogenic Shock: From Hemodynamics to Clinical Outcomes**
Lecturers: William W. O'Neill
- 8:59 AM **Roundtable Discussion With Audience QA**
- 9:08 AM **Use of ECMO in Cardiogenic Shock: When and How Complications and Outcomes**
Lecturers: A. Reshad Garan
- 9:16 AM **Use of ECMO during Cardiac Arrest: When and How Complications and Outcomes**
Lecturers: Sachin Kumar
- 9:24 AM **Roundtable Discussion With Audience QA**

9:34AM - 12:15 PM

Session II. Interventional Therapies for Chronic Heart Failure

Moderators: James E. Udelson, Clyde W. Yancy

Discussants: Angeles Alonso Garcia, Colin M. Barker, Timothy D. Henry, Howard C. Herrmann, Biswajit Kar, George W. Vetrovec

- 9:34 AM **State of the Art: Medical Therapies for CHF With a Focus on Diabetes**
Lecturers: Ileana L. Pina
- 9:42 AM **State of the Art: Device based Therapies for CHF**
Lecturers: Ulrich P. Jorde
- 9:56 AM **State of the Art: Device and Drug based Strategies to Reduce the Incidence of Heart Failure Following AMI**
Lecturers: Navin K. Kapur
- 10:06 AM **Role of Right Heart Failure in Patients With Chronic Heart Failure and Post LVAD**

Lecturers: Nir Uriel

- 10:16 AM **Roundtable Discussion With Audience QA**
- 10:26 AM **PCI and CABG for Chronic Heart Failure**
Lecturers: Divaka Perera
- 10:36 AM **Percutaneous Mitral Repair for Heart Failure**
Lecturers: Stefan Anker
- 10:46 AM **Tricuspid Valve Repair for CHF**
Lecturers: Rebecca T. Hahn
- 10:56 AM **TAVR in Heart Failure: UNLOAD**
Lecturers: Ori Ben-Yehuda
- 11:02 AM **Roundtable Discussion With Audience QA**
- 11:12 AM **Interatrial Shunts I: Corvia**
Lecturers: Ted Feldman
- 11:20 AM **Interatrial Shunts II: V wave**
Lecturers: JoAnn Lindenfeld
- 11:28 AM **Cardiac Contractility Modulation for HFREF and HFmrEF**
Lecturers: William T. Abraham
- 11:36 AM **Aortic Arch Neuromodulation for Chronic Heart Failure: EnoPace**
Lecturers: Felix Mahfoud
- 11:44 AM **Percutaneous Ventricular Reshaping of the LV for Chronic Heart Failure: Ancora**
Lecturers: Daniel Burkhoff
- 11:52 AM **Treatment of LV Aneurysms: Revivent**
Lecturers: Horst Sievert
- 12:00 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: TRANSCATHETER AORTIC VALVE INTERVENTIONS, PART 1

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 12:00 PM

Room 5, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00AM - 9:00 AM

Session 1. Treatment of Bicuspid Aortic Valves (BAV)

Moderators: Joseph E. Bavaria, Horst Sievert

Discussants: Jung-Min Ahn, Stanley J. Chetcuti, Helene Eltchaninoff, Hasan Jilaihawi, John C Laschinger, Jonathon A. Leipsic, Mathew Williams

- 8:00 AM **A Surgeons Perspective on BAV Treatment: Why Surgery is Preferred in Many Most BAV Patients**
Lecturers: Joseph E. Bavaria
- 8:08 AM **A CT Imaging Perspective on BAV Treatment: Which Patients are Poor Candidates for TAVR**
Lecturers: Jonathon A. Leipsic
- 8:16 AM **A Structural Interventionalist Perspective on BAV Treatment: The Next TAVR Frontier Almost All Patients are TAVR Candidates**
Lecturers: Mathew Williams
- 8:24 AM **The Voice of Reason: Why a Randomized Trial is Necessary to Decide if Surgery or TAVR are Preferred in BAV Patients**

Lecturers: Hasan Jilaihawi

8:29 AM **Device Selection and CT Sizing for TAVR Treatment of BAV**

Lecturers: Lars Sondergaard

8:37 AM **TAVR Outcomes for BAV in Asian Patients**

Lecturers: Jung-Min Ahn

8:45 AM **Case Based Discussion on BAV Rapid Fire Presentation of 3 BAV Cases**

Case Presenter: Hasan Jilaihawi

9:00 AM - 10:00 AM

Session 2: Strokes and Cerebral Embolic Protection During TAVR

Moderators: Alexandra J. Lansky, Axel Linke

Discussants: Saif Anwaruddin, Alain G. Cribier, Sammy Elmariah, Nicole Ibrahim, Jean-Claude Laborde, Joachim Schofer, Jochen Wöhrle

9:00 AM **A Stroke after TAVR Primer: Time Course Changing Incidence Ascertainment Challenges and Comparison vs. Surgery**

Lecturers: Samir R. Kapadia

9:10 AM **Discussion**

9:30 AM **Discussion**

9:35 AM **Keystone TRIGUARD Cerebral Embolic Protection During TAVR: New Generation Devices and the Status of Ongoing Clinical Trials**

Lecturers: Tamim Nazif

9:45 AM **Discussion**

10:00 AM - 11:00 AM

Session 3: Expanding Clinical Indications for TAVR

Moderators: Allan Schwartz, Stephan Windecker

Discussants: Nirat Beohar, Philippe Genereux, Rajiv Jauhar, Philippe Pibarot, Jeffrey J. Popma, Michael J. Reardon, Eric Van Belle

10:00 AM **The Case for TAVR in Low Risk Patients: Rationale Current Data Clinical Trends and Updates from the Ongoing Clinical Trials**

Lecturers: Jeffrey J. Popma

10:08 AM **My Crystal Ball Predicting the Role of Surgery and Surgeons in the Treatment of Aortic Stenosis Once the Cycle of Low Risk Studies is Completed**

Lecturers: Michael J. Reardon

10:16 AM **Discussion**

10:46 AM **Discussion**

10:50 AM **Status Update of the TAVR UNLOAD Trial Moderate AS Patients with Reduced Ejection Fraction and Heart Failure**

Lecturers: Joost Daemen

10:58 AM **Discussion**

11:00 AM - 12:00 PM

Session 4: Bioprosthetic Aortic Valve Failure: Valve-in-Valve Treatment, Valve Leaflet Thrombosis, and Valve Durability

Moderators: Michael J. Mack, Bernard Prendergast

Discussants: Vinayak Bapat, Davide Capodanno, Adam B. Greenbaum, Ran Kornowski, John C Laschinger, Lars Sondergaard, John G. Webb

11:00 AM **Clinical Lessons from the Global Aortic VIVID Registry Optimizing Procedural Outcomes**

Lecturers: John G. Webb

11:08 AM **How to Screen for Risk of Coronary Obstruction Risk on CT Prior to Aortic Valve in Valve Procedures**

Lecturers: Philipp Blanke

11:14 AM **To Crack or Not to Crack: The Role of Fracturing Bioprosthetic Valves During ViV Procedures**

Lecturers: Adnan K. Chhatriwalla

11:20 AM **To Split or Not to Split: The Role of BASILICA to Reduce the Risk of Coronary Obstruction During ViV and other TAVR Procedures**

Lecturers: Adam B. Greenbaum

11:26 AM **Discussion**

11:30 AM **The Spectrum of Leaflet Thrombosis in Bioprosthetic Aortic Valves Prevalence Clinical Consequences and Practical Management Strategies**

Lecturers: Lars Sondergaard

11:38 AM **New Guidelines and Classification of Bioprosthetic Valve Dysfunction and Failure: Implications and Thoughts on TAVR Durability**

Lecturers: Davide Capodanno

11:46 AM **Should We Anticoagulate All Bioprosthetic Aortic Valves Rationale Ongoing Studies and Recent Trends**

Lecturers: George D. Dangas

11:54 AM **Discussion**

DIDACTIC SESSION: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND CORONARY DRUG-COATED BALLOONS, PART 2

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:02 PM

Room 2, Upper Level

Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 3:23 PM

Session V. Stent Thrombosis, Restenosis, and Drug-Coated Balloons

Moderators: Fernando Alfonso, Azeem Latib

Discussants: Hiram G. Bezerra, Michael J. Cowley, Kevin J. Croce, Lisette Okkels Jensen, Ashish Pershad, Jose M. de la Torre Hernandez

2:00 PM **Is There a Standard Work Up for Stent Thrombosis Hematology Imaging and More**

Lecturers: Robert A. Byrne

2:10 PM **Case Study: Mechanism and Treatment of Stent Thrombosis**

Case Presenter: Hector M. Garcia-Garcia

2:17 PM **Roundtable Discussion With Audience QA**

2:22 PM **Options for Stent Under Expansion With ISR: Laser Stentablation and More**

Lecturers: Antonio Colombo

2:30 PM **POBA Drug Coated Balloons DES and BRS for DES ISR: Advantages Disadvantages Theory and Evidence**

Lecturers: Fernando Alfonso

2:40 PM **Are Drug Coated Balloons Acceptable or Preferred for Stent Eligible Small Coronary Arteries Insights From BASKET SMALL 2 and Other Experiences**

Lecturers: Bruno Scheller

2:50 PM **Next Generation Drug Coated Balloons: Limus and Beyond**

Lecturers: Juan F. Granada

2:58 PM **Role of Brachytherapy for Refractory ISR in 2018**

Lecturers: Ron Waksman

3:06 PM **Case Study: Mechanism and Treatment of Refractory ISR**

Case Presenter: Tayo A. Addo

3:13 PM **Roundtable Discussion With Audience QA**

3:23PM - 4:34 PM

Session VI. Long-Term ABSORB Data and Perspectives

Moderators: Bernard R. Chevalier, Stephen G. Ellis

Discussants: Salvatore Brugaletta, Daniel Chamie, Stephen P. Hoole, Giulio Stefanini, Corrado Tamburino, Robert-Jan van Geuns

3:23 PM **ABSORB Beyond 3 Years: ABSORB II 5 Year Data**

Lecturers: Patrick W. Serruys

3:30 PM **ABSORB Beyond 3 Years: ABSORB Japan 4 Year Data**

Lecturers: Kengo Tanabe

3:37 PM **ABSORB Beyond 3 Years: ABSORB China 4 Year Data**

Lecturers: Runlin Gao

3:44 PM **ABSORB Beyond 3 Years: ABSORB III 4 Year Data**

Lecturers: Dean J. Kereiakes

3:51 PM **ABSORB 4 Year Meta Analysis: Individual Patient Data Analysis**

Lecturers: Gregg W. Stone

3:58 PM **How to Improve BRS Outcomes: Focus on the Device**

Lecturers: Yoshinobu Onuma

4:06 PM **How to Improve BRS Outcomes: Focus on Imaging and Technique**

Lecturers: Ziad A. Ali

4:14 PM **Falcon Development and Status**

Lecturers: Richard J. Rapoza

4:19 PM **Roundtable Discussion With Audience QA**

4:34PM - 6:02 PM

Session VII: Active BRS Programs

Moderators: Alexandre Abizaid, Ron Waksman

Discussants: Bill D. Gogas, Yasuhiro Honda, Matthias Lutz, Manel Sabate, Huay Cheem Tan, Bo Xu

4:34 PM **Progress With Progressively Thin Strut Ultra High Molecular Weight PLLA Based Polymeric BRS: From Aptitude to Magnitude**

Lecturers: Juan F. Granada

4:44 PM **Ongoing Activities With a Radiopaque Tyrosine Carbonate Based Polymeric BRS: Fantom**

Lecturers: Ulf Landmesser

4:54 PM **Update With A Novel Thin Strut Hybrid Cell Design PLLA Based Polymeric BRS: MeRes 100**

Lecturers: Ashok Seth

5:04 PM **Latest Results and Future Directions With the DESolve NXT PLLA Based BRS With Contoured Struts**

Lecturers: Alexandre Abizaid

5:14 PM **Emerging Polymeric and Metallic BRS from China**

Lecturers: Yaling Han

5:24 PM **Imaging and Clinical Results With the Latest Magmaris Magnesium Based Scaffold**

Lecturers: Michael Haude

5:44 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT, PART 2

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:02 PM

Room 6D, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00PM - 3:28 PM

Session I. Implanted and Non-invasive Sensors for Monitoring

Moderators: Stefan Anker, Ileana L. Pina

Discussants: Angeles Alonso Garcia, Jozef Bartunek, Mark Goldberger, Amit N. Patel, Pascal Vranckx

2:00 PM **State of the Art: Congestion and Prognosis in HF**

Lecturers: Peter Carson

2:14 PM **State of the Art: Invasive and Noninvasive Technologies for Monitoring Congestion**

Lecturers: William T. Abraham

2:31 PM **Cardiomems: Update and Ongoing Studies**

Lecturers: JoAnn Lindenfeld

2:45 PM **Endotronix: Differentiating Features and Results**

Lecturers: Katrin Leadley

2:59 PM **Noninvasive Monitoring With Sensible Medical for Preventing Heart Failure Rehospitalizations**

Lecturers: Daniel R. Bensimhon

3:13 PM **Roundtable Discussion With Audience QA**

3:28PM - 4:47 PM

Session II. Devices to Protect the Kidney and Reduce Congestion

Moderators: William T. Abraham, JoAnn Lindenfeld

Discussants: Jeroen J. Bax, Peter Carson, Darshan Doshi, Hans R. Figulla, Chaim S. Lotan, Paul A. Sobotka

3:28 PM **Congestion A Problem of Capacitance Shift Not Total Salt and Water Excess**

Lecturers: Paul A. Sobotka

3:36 PM **Intraaortic Continuous Flow Pumps for ADHF**

Lecturers: Navin K. Kapur

3:50 PM **Renal Vein Pressure Decompression for ADHF: Magenta**

Lecturers: David D Israeli

4:04 PM **Direct Lymphatic Decompression for ADHF: Whiteswell**

Lecturers: William T. Abraham

4:18 PM **Ventricular and Pulmonary Decompression by Intravenous Balloon Occlusion: PreCardia**

4:32 PM Roundtable Discussion With Audience QA

4:47 PM - 6:02 PM

Session III. Bridging and Chronic Mechanical Circulatory Support

Moderators: Nir Uriel, Hadley Wilson

Discussants: Marisa Cevasco, Victoria Delgado, Robert E. Michler, Sundeep Mishra, Marvin J. Slepian, Osama Soliman

4:47 PM **State of the Art: Latest Innovations in Durable LVADs**

Lecturers: Ulrich P. Jorde

5:02 PM **The Impella Family of Devices: Utility of Different Tools for Different Conditions Short term and Long term Use**

Lecturers: Jeffrey W. Moses

5:17 PM **Percutaneous Ventricular and Pulmonary Support: TandemLife**

Lecturers: Biswajit Kar

5:27 PM **NuPulse: Implantable Counterpulsation for Advanced CHF**

Lecturers: Valluvan Jeevanandam

5:37 PM **Ventricular Counterpulsation for Percutaneous Ventricular Support: PulseCath**

Lecturers: Joost Daemen

5:47 PM **Roundtable Discussion With Audience QA****DIDACTIC SESSION: PFO CLOSURE - EMERGING EVIDENCE, INDICATIONS, AND DEVICES**

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:20 PM

Room 1, Upper Level

Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 2:58 PM

Session I. Evidence for PFO Closure and Global Practices

Moderators: Teiji Akagi, John D. Carroll

Discussants: Lee N. Benson, Stefan C. Bertog, Clifford J. Kavinsky, David W.M. Muller, Francesco Pelliccia, A.J. Conrad C. Smith

2:00 PM **Case 1: Should This PFO Be Closed in a Patient With A Cryptogenic Stroke**

Case Presenter: Dominik M. Wiktor

2:08 PM **Updated RCT Data for PFO Closure in All Corners and Subgroups With Cryptogenic Stroke: How Should the Guidelines Be Updated**

Lecturers: Konstantinos Dean Boudoulas

2:20 PM **Evolving PFO Closure Practice and Challenges in Canada**

Lecturers: Eric Horlick

2:27 PM **Evolving PFO Closure Practice and Challenges in Asia**

Lecturers: Teiji Akagi

2:34 PM **Evolving PFO Closure Practice and Challenges in Europe**

Lecturers: Lars Sondergaard

2:41 PM **Evolving PFO Closure Practice and Challenges in the U.S.**

Lecturers: Richard Smalling

2:58 PM - 4:02 PM

Session II. Patient Selection for PFO Closure: Evidence-Based and Judgment-Based

Moderators: Michael J. Mullen, David E. Thaler

Discussants: Joseph P. Carrozza Jr, Ted Feldman, Craig E Fleishman, David Hildick-Smith, Jacqueline Saw, Jochen Wöhrle

2:58 PM **Case 2: Should This PFO Be Closed in a Patient With a TIA**

Case Presenter: Ted Feldman

3:06 PM **Overview of Indications and Patient Selection for PFO Closure**

Lecturers: John D. Carroll

3:16 PM **PFO Closure in Older Patients: Clinical and Technical Challenges**

Lecturers: Robert J. Sommer

3:28 PM **PFO Closure for Primary Prevention**

Lecturers: Brian K. Whisenant

3:36 PM **PFO Closure for Migraine: Current Status**

Lecturers: Robert J. Sommer

3:44 PM **PFO Closure for Hypoxemia**

Lecturers: Joseph Kay

3:52 PM **Roundtable Discussion With Audience QA**

4:02 PM - 5:20 PM

Session III. PFO Closure Devices and Techniques

Moderators: William A. Gray, Horst Sievert

Discussants: Steven R. Bailey, Nirat Beohar, Brian Clapp, Eric Eeckhout, Franz X. Kleber, Lars Sondergaard

4:02 PM **Case 3: A Complex PFO Closure With Technique Challenges**

Case Presenter: Sameer Gafoor

4:10 PM **Assessment of Shunts: TCD vs Echo**

Lecturers: Eustaquio Maria Onorato

4:18 PM **Approach to Challenging PFO Anatomy**

Lecturers: Zahid Amin

4:26 PM **The Landscape of Devices for PFO Closure**

Lecturers: Horst Sievert

4:36 PM **PFO Closure With the CardioForm: Device Description Ideal and Non Ideal Anatomy Technique and Complications**

Lecturers: Lars Sondergaard

4:46 PM **PFO Closure With the Amplatzer PFO Occluder: Device Description Ideal and Non Ideal Anatomy Technique and Complications**

Lecturers: Eric Horlick

4:56 PM **Complications of PFO Closure**

Lecturers: Jacqueline Saw

5:04 PM **Roundtable Discussion With Audience QA**

5:20 PM - 6:20 PM

Session IV. Program Building and Hurdles

Moderators: Robert J. Sommer, Christian Spies

Discussants: Suzanne J. Baron, Reda Ibrahim, Carey D. Kimmelstiel, Srihari S. Naidu, Zoltan G. Turi, Dominik M. Wiktor

5:20 PM **Case 4: Should This PFO be Closed in a Patient With a Migraine**

Case Presenter: David E. Thaler

5:28 PM **Neurology Cardiology Partnership**

Case Presenter: Mohamad Adnan Alkhoul

5:36 PM **Post Procedure Care Issues**

Lecturers: Christian Spies

5:44 PM **SCAI Operator and Institution Requirements**

Lecturers: Clifford J. Kavinsky

5:52 PM **To PFO Close or Not to PFO Close: Shared Decision Making**

Lecturers: Megan Coylewright

6:00 PM **Coding Reimbursement for PFO Closure**

Lecturers: Ted Feldman

6:08 PM **Roundtable Discussion With Audience QA**

3:42 PM **Systemic Therapy for Acute PE**

Lecturers: Jay S. Giri

3:54 PM **Catheter Directed Therapy for Acute PE**

Lecturers: Gregory Piazza

4:06 PM **PERT: The Time is Now**

Lecturers: Kenneth Rosenfield

4:18 PM **Roundtable Discussion With Audience QA**

4:30 PM - 6:00 PM

Session III. Group IV Pulmonary Hypertension: CTEPH

Moderators: Irene M. Lang, Ehtisham Mahmud

Discussants: Vikas Aggarwal, William R. Auger, Hiromi Matsubara, Francesco Saia, Mehdi H. Shishebor, Catalin Toma

4:30 PM **Incidence Pathophysiology and Diagnosis of CTEPH**

Lecturers: William R. Auger

4:40 PM **Pulmonary Thromboendarterectomy is the Definitive Therapy for CTEPH**

Lecturers: Michael M. Madani

4:50 PM **Balloon Pulmonary Angioplasty for CTEPH: Evolution of a New Therapy for CTEPH**

Lecturers: Ehtisham Mahmud

5:00 PM **Balloon Pulmonary Angioplasty for CTEPH: Patient Selection for Therapy**

Lecturers: Vikas Aggarwal

5:10 PM **Balloon Pulmonary Angioplasty for CTEPH: The Japanese Experience**

Lecturers: Hiromi Matsubara

5:20 PM **Balloon Pulmonary Angioplasty for CTEPH: The European Experience**

Lecturers: Irene M. Lang

5:30 PM **Balloon Pulmonary Angioplasty for CTEPH: The San Diego Experience**

Lecturers: Ehtisham Mahmud

5:40 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: PULMONARY HYPERTENSION AND ACUTE CHRONIC PULMONARY EMBOLI THERAPIES

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:00 PM

Room 25A-B, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 3:30 PM

Session I. Group I - Pulmonary Arterial Hypertension

Moderators: Ori Ben-Yehuda, Jay S. Giri

Discussants: Teresa L. Carman, Shao-Liang Chen, Chung-Ho Hsu, Irene M. Lang, Alex M. K. Rothman, Harsimran Sachdeva Singh

2:00 PM **Overview of Group I Pulmonary Hypertension**

Lecturers: Ori Ben-Yehuda

2:12 PM **Pulmonary Artery Denervation I: Concepts and Pre Clinical Data**

Lecturers: Alex M. K. Rothman

2:24 PM **Pulmonary Artery Denervation II: RF Ablation Device and Latest Results**

Lecturers: Shao-Liang Chen

2:36 PM **Pulmonary Artery Denervation III: Ultrasound Based Therapy and Results**

Lecturers: Ori Ben-Yehuda

2:48 PM **Roundtable Discussion With Audience QA**

3:00 PM **Implantable Devices for Pulmonary Hypertension**

Lecturers: William T. Abraham

3:12 PM **Aria: A Device Based Approach to RV Failure and Pulmonary Compliance**

Lecturers: Irene M. Lang

3:24 PM **Roundtable Discussion With Audience QA**

3:30 PM - 4:30 PM

Session II. Acute Pulmonary Embolism

Moderators: Kenneth Rosenfield, Victor F. Tapson

Discussants: Riyaz Bashir, Mark C. Bates, Jay S. Giri, Rahul S. Patel, Gregory Piazza, Thomas M. Tu

3:30 PM **Incidence and Diagnosis**

Lecturers: Victor F. Tapson

DIDACTIC SESSION: TRANSCATHETER AORTIC VALVE INTERVENTIONS, PART 2

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:00 PM

Room 5, Upper Level

Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 3:00 PM

Session 5: Policy Controversies on Aortic Valve Replacement Therapy Patient Access, Volume Thresholds, and Parity

Moderators: Robert O. Bonow, Michael J. Mack

Discussants: Joseph E. Bavaria, Aaron Horne, Jr., Martin B. Leon, Patrick T. O'Gara, Mark J. Russo, Susan Strong, Carl L. Tommaso, Larry L. Wood

3:00 PM - 4:00 PM

Session 6: TAVR New Technology Forum

Moderators: Jeffrey J. Popma, Hendrik Treede

Discussants: Alexandre Abizaid, Gregory P. Fontana, Howard C. Herrmann, Susheel K. Kodali, Michael J. Reardon, Vinod H. Thourani, Mathew Williams

4:00PM - 5:00 PM

Session 7. TAVR World Cup at TCT - Clinical Case Challenges

Moderators: Tamim Nazif, Torsten P. Vahl

Discussants: Saif Anwaruddin, Anita Asgar, Vasilis Babaliaros, Marco Barbanti, Colin M. Barker, John K. Forrest, Kendra J. Grubb, David A. Wood

5:00PM - 6:00 PM

Session 8. TAVR World Series @ The Best of the Rest!

Moderators: Susheel K. Kodali, Vinod H. Thourani

Discussants: David J. Cohen, Jean-Michel Paradis, Ramon Quesada, Richard Smalling, Gilbert H.L. Tang, Hendrik Treede, Alan Zajarias

5:15 PM **A Growing Conundrum: Coronary Access after TAVR Technical Tips and Tricks**

Lecturers: James B. Hermiller Jr

5:21 PM **Rationale for Combining TAVR and LAAC in AF Patients: An Introduction to the WATCH TAVR Trial**

Lecturers: Samir R. Kapadia

5:37 PM **Innovation Gone Wild: The Pi Cardia Leaflex Aortic Valve Remodeling System**

Lecturers: Philippe Genereux

5:43 PM **TAVR to Treat Pure Aortic Regurgitation: The TVT Registry Experience**

Lecturers: Saif Anwaruddin

5:49 PM **A Clinical Algorithm for Diagnosing and Managing Patients with Low Flow Low Gradient Aortic Stenosis**

Lecturers: Philippe Pibarot

5:55 PM **Discussion**

8:30 AM **Most Important Clinical Trials in Vascular Medicine and Intervention in the Past 10 Years**

Lecturers: Jay S. Giri

8:45 AM **Roundtable Discussion With Audience QA**

8:50AM - 10:00 AM

Session II. Core Curriculum: So You Think You Can Be a Vascular Specialist?

Moderators: Douglas E. Drachman, Michael R. Jaff

Discussants: Anvar Babaev, Subhash Banerjee, Raghu Kolluri, Kenneth Rosenfield, Mehdi H. Shishehbor

8:50 AM **Clinical Pearls: Carotid Disease Diagnosis and Treatment**

Lecturers: Herbert D. Aronow

9:00 AM **Clinical Pearls: Lower Extremity PAD Diagnosis and Treatment**

Lecturers: Douglas E. Drachman

9:10 AM **Clinical Pearls: CLI Diagnosis and Treatment**

Lecturers: Mehdi H. Shishehbor

9:20 AM **Clinical Pearls: VTEPE Diagnosis and Treatment**

Lecturers: Kenneth Rosenfield

9:30 AM **Clinical Pearls: AAA Diagnosis and Treatment**

Lecturers: Ehrin J. Armstrong

9:40 AM **Clinical Pearls in Superficial Venous Disease**

Lecturers: Raghu Kolluri

9:50 AM **Roundtable Discussion With Audience QA**

10:00AM - 11:00 AM

Session III. Case Reviews: So You Think You Can Be a Vascular Specialist?

Moderators: Ehrin J. Armstrong, Douglas E. Drachman, Mehdi H. Shishehbor

Discussants: Herbert D. Aronow, J. Michael Bacharach, Danielle Bajakian, Andrew J. Klein, Khusrow Niazi

10:00 AM **Case 1 Introduction: Iliac Disease**

Case Presenter: Mehdi H. Shishehbor

10:05 AM **Discussion of Strategies**

10:15 AM **Case 1 Conclusion: Iliac Disease**

Case Presenter: Mehdi H. Shishehbor

10:20 AM **Case 2 Introduction: SFA Disease**

Case Presenter: Douglas E. Drachman

10:25 AM **Case 2: Discussion of Strategies**

10:35 AM **Case 2 Conclusion: SFA Disease**

Case Presenter: Douglas E. Drachman

10:40 AM **Case 3: CLI**

Case Presenter: Ehrin J. Armstrong

10:45 AM **Case 3: Discussion of Strategies**

10:55 AM **Case 3 Conclusion: CLI**

Case Presenter: Ehrin J. Armstrong

TCT ENDOVASCULAR

TCT ENDOVASCULAR: FELLOWS COURSE

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 11:00 AM

Room 33B-C, Upper Level

Accreditation: CME,MOC,ASRT

8:00AM - 8:50 AM

Session I. Vascular Disease Past, Present, and Future

Moderators: Jay S. Giri, Sahil A. Parikh

Discussants: Gary M. Ansel, Douglas E. Drachman, Andrew J. Klein, Craig M. Walker, Mitchell Weinberg

8:00 AM **Training in Endovascular Intervention**

Lecturers: Sahil A. Parikh

8:10 AM **Roundtable Discussion With Audience QA**

8:15 AM **Highlights From the Updated PAD Guidelines and SCAI AUC**

Lecturers: Douglas E. Drachman

8:25 AM **Roundtable Discussion With Audience QA**

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - CAROTID AND VERTEBRAL INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 31B-C, Upper Level

Accreditation: CME,CNE,MOC

12:15PM - 1:45 PM

Expert Case Reviews: Carotid and Vertebral Interventions

Moderators: Gavin Britz, Aman B. Patel

Discussants: Matthew Koch, Virendra I Patel, Adnan Siddiqui, Scott Silverman, Jose M. Wiley

- 12:15 PM **Case 1: Carotid Artery Intervention for Asymptomatic Carotid Artery Stenosis: Why And How**
Case Presenter: Scott Silverman
- 12:25 PM **Case 2: Carotid Artery Intervention After Stroke: Timing and Other Considerations**
Case Presenter: Gavin Britz
- 12:35 PM **Case 3: Endovascular Intervention for Fibromuscular Dysplasia**
Case Presenter: Gary M. Ansel
- 12:45 PM **Case 4: Carotid Artery Stenting for Carotid Artery Dissection: Why When and How**
Case Presenter: Adnan Siddiqui
- 12:55 PM **Case 5: Carotid Artery Stenting With Complex Arch Navigation**
Case Presenter: Gavin Britz
- 1:05 PM **Case 6: Trans Cervical Carotid Artery Stenting: Silk Road**
Case Presenter: Charles Matouk
- 1:15 PM **Case 7: Stenting of Vertebral Artery Origin: Indications Techniques Complications**
Case Presenter: Rahul Sakhuja
- 1:25 PM **Case 8: Wingspan Stenting for Intracranial Atherosclerosis**
Case Presenter: Matthew Koch
- 1:35 PM **Roundtable Discussion with Audience QA**

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - SFA, POPLITEAL, AND BELOW THE KNEE INTERVENTION

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 30D-E, Upper Level

Accreditation: CME,CNE,MOC,ASRT

12:15PM - 1:45 PM

Expert Case Reviews: SFA, Popliteal, and Below the Knee Intervention

Moderators: Herbert D. Aronow, Brian G. DeRubertis

Discussants: Philip Green, Osamu Iida, Andrew J. Klein, Arthur C. Lee, Matthew T. Menard, Kenneth Rosenfield

- 12:15 PM **Case 1: Use of Reentry Device to Puncture a Retrograde Balloon in a Difficult SFA Occlusion**
Case Presenter: Tony Das
- 12:25 PM **Case 2: Crack and Pave Technique for a Highly Calcified SFA**
Case Presenter: Aravinda Nanjundappa
- 12:35 PM **Case 3: Retrograde SFA Access for a Complex Proximal SFA Occlusion**
Case Presenter: Ehrin J. Armstrong
- 12:45 PM **Case 4: Intravascular Lithoplasty for a Highly Calcified SFA**

Case Presenter: Philip Green

12:55 PM **Case 5: Pedal Loop Reconstruction for Critical Limb Ischemia**

Case Presenter: Luis Mariano Palena

1:05 PM **Case 6: Transmetatarsal Access**

Case Presenter: Arthur C. Lee

1:15 PM **Case 7: Combined AntegradeRetrograde Crossing of a Complex Tibial CTO**

Case Presenter: Brian G. DeRubertis

1:25 PM **Case 8: Intravascular Tack Deployment to Treat Infrapopliteal Post Angioplasty Dissection**

Case Presenter: Nicolas W Shammass

1:35 PM **Roundtable Discussion With Audience QA**

TCT ENDOVASCULAR: CRITICAL LIMB ISCHEMIA DEEP DIVE

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 4:10 PM

Room 30D-E, Upper Level

Accreditation: CME,CNE,MOC

2:00PM - 4:10 PM

Critical Limb Ischemia Deep Dive

Moderators: Ehrin J. Armstrong, Sahil A. Parikh

Discussants: Masahiko Fujihara, Matthew T. Menard, Luis Mariano Palena, Nicolas W Shammass, Ramon L Varcoe

2:00 PM **Multidisciplinary Care in CLI: How Do We Accomplish It**

Lecturers: Michael R. Jaff

2:10 PM **How the Best CLI Trial Will Change Clinical Practice**

Lecturers: Matthew T. Menard

2:18 PM **Disparities in Critical Limb Ischemia Treatment: Can We Minimize Variation**

Lecturers: Schuyler Jones

2:26 PM **Roundtable Discussion Multidisciplinary Care of CLI**

2:31 PM **How to Optimize Success in Crossing Tibial Occlusions**

Lecturers: Larry J. Diaz-Sandoval

2:39 PM **Role of Atherectomy in Treating Tibial Vessels: Case Examples and Data**

Lecturers: Nicolas W Shammass

2:45 PM **Intravascular Imaging to Optimize Tibial Interventions**

Lecturers: Steve Henao

2:51 PM **Debate: Pedal Loop Angioplasty is Crucial to Optimize Wound Healing**

Lecturers: Peter A. Soukas

2:56 PM **Debate: Pedal Loop Angioplasty Does Not Improve Outcomes in CLI**

Lecturers: George L Adams

3:01 PM **Roundtable Discussion Optimizing Outcomes of Tibial Interventions**

3:06 PM **Adventitial Drug Therapy for Treatment of Critical Limb Ischemia**

Lecturers: Ehrin J. Armstrong

3:14 PM **Cell Based and Biologic Therapies for Critical Limb Ischemia**

Lecturers: Mehdi H. Shishehbor

- 3:22 PM **Optimal Medical Therapy of Patients With Critical Limb Ischemia**
Lecturers: Douglas E. Drachman
- 3:30 PM **Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries Pro**
Lecturers: Bryan T. Fisher
- 3:35 PM **Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries Con**
Lecturers: Carlos I. Mena-Hurtado
- 3:40 PM **Drug Eluting Stents For Tibial Disease: Data and Case Examples**
Lecturers: Robert A. Lookstein
- 3:47 PM **Intravascular Lithotripsy for Treatment of Calcified Tibial Vessels**
Lecturers: Ramon L Varcoe
- 3:55 PM **Roundtable Discussion With Audience QA**

3:00PM - 4:00 PM

Session II. CHIPs from Asia

Moderators: Teguh Santoso, Wei-Hsian Yin

Discussants: Kenneth Chin, Seung-Jung Park, Huay Cheem Tan, Chiung Jen Wu

- 3:00 PM **Case 6: From Malaysia: Recurrent ISR at the Distal Anastomotic Site of SVG to RCA**
Case Presenter: Kenneth Chin
- 3:07 PM **Roundtable Discussion With Audience QA**
- 3:12 PM **Case 7: From Bangladesh: Post CABG LM Calcified Lesion Rotablation and Double Stent Strategy**
Case Presenter: Ashok Dutta
- 3:19 PM **Roundtable Discussion With Audience QA**
- 3:24 PM **Case 8: From India: Trans Radial Rotational Atherectomy of a Critical Left Main Stenosis**
Case Presenter: Anand M Rao
- 3:31 PM **Roundtable Discussion With Audience QA**
- 3:36 PM **Case 9: From Taiwan: Heavily Calcified LM Bifurcation and Near Ostial Occlusion of a Highly Angulated Dominant LCX**
Case Presenter: Wen-Lieng Lee
- 3:43 PM **Roundtable Discussion With Audience QA**
- 3:48 PM **Case 10: From Indonesia: Half Way Rotational Atherectomy in a Heavily Angulated and Heavily Calcified Lesion A New Technique**
Case Presenter: Teguh Santoso
- 3:55 PM **Roundtable Discussion With Audience QA**

REGIONAL SESSIONS

REGIONAL SNAPSHOT MEETING: THE BEST OF INTERVENTION FROM ASIA-PACIFIC

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 4:00 PM

Room 31B-C, Upper Level

2:00PM - 3:00 PM

Session I. My Worst Nightmare Complications

Moderators: Vinay K. Bahl, Huay Cheem Tan

Discussants: Jun-Jack Cheng, Kenneth Chin, Jeehoon Kang, Sreenivas Arramraju Kumar, Linda Lison, Fazila T. Malik

- 2:00 PM **Case 1: From Indonesia: Catheter Induced Dissection With Acute Vessel Closure Aortic Dissection and Perforation**
Case Presenter: Sadiqur Rifqi
- 2:07 PM **Roundtable Discussion With Audience QA**
- 2:12 PM **Case 2: From Taiwan: Lightning Will Strike Again 2 Wire Breakages Happening in 1 Procedure**
Case Presenter: Chih-Fan Yeh
- 2:19 PM **Roundtable Discussion With Audience QA**
- 2:24 PM **Case 3: From India: Rotational Atherectomy With Left Main Perforation**
Case Presenter: Sai Satish
- 2:31 PM **Roundtable Discussion With Audience QA**
- 2:36 PM **Case 4: From Singapore: Finding a Missing Bioresorbable Scaffold**
Case Presenter: Joshua P. Loh
- 2:43 PM **Roundtable Discussion With Audience QA**
- 2:48 PM **Case 5: From South Korea: Tear of a Calcified Coronary Artery**
Case Presenter: Do-Yoon Kang
- 2:55 PM **Roundtable Discussion With Audience QA**

HOT TOPIC LUNCHES

HOT TOPIC LUNCH: ECHO GUIDANCE OF INTERVENTIONAL PROCEDURES (SPONSORED BY THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY)

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 33B-C, Upper Level

Accreditation: CME,CNE,MOC,ASRT

12:15PM - 1:45 PM

Echo Guidance of Interventional Procedures

Moderators: Rebecca T. Hahn, Stephen H. Little

Discussants: Paul A. Grayburn, Chad Kliger, Sunil V. Mankad, Muhamed Saric

- 12:15 PM **Imaging Pearls for the Interventional Cardiologist**
Lecturers: Sunil V. Mankad
- 12:25 PM **Who is the Interventional Imager And How Do We Pay For Them**
Lecturers: Paul A. Grayburn

- 12:35 PM **Roundtable Discussion With Audience QA**
- 12:40 PM **Imaging Guidance I: Percutaneous ASD VSD Repair**
Lecturers: Muhamed Saric
- 12:50 PM **Imaging Guidance II: MitraClip Moving Beyond A2P2**
Lecturers: Stephen H. Little
- 1:00 PM **Imaging Guidance III: Tricuspid Valve Interventions Imagers Breaking New Ground**
Lecturers: Rebecca T. Hahn
- 1:10 PM **Roundtable Discussion with Audience QA**
- 1:15 PM **DEBATE: The Minimalist Approach to Imaging is Safe And Heres the Data**
Lecturers: Muhamed Saric
- 1:25 PM **DEBATE: Optimizing Outcomes Means TEE Imaging And Heres The Data**
Lecturers: Rebecca T. Hahn
- 1:35 PM **Roundtable Discussion with Audience QA**

HOT TOPIC LUNCH: THE DIABETIC PATIENT REVASCULARIZATION AND MEDICAL THERAPIES

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 23B-C, Upper Level

Accreditation: CME,ASRT,MOC,CNE

12:15PM - 1:45 PM

The Diabetic Patient: Revascularization and Medical Therapies

Moderators: David J. Maron, Steven P. Marso

Discussants: Jaya Chandrasekhar, Michael E. Farkouh, Vasim Farooq, Fazila T. Malik, Miodrag C. Ostojic, Robert L. Wilensky

- 12:15 PM **Introduction: Framing the Issues**
Lecturers: Steven P. Marso
- 12:20 PM **Comprehensive CV Risk Reduction Strategy in Diabetics**
Lecturers: Kurt Huber
- 12:29 PM **Medical Therapy for Whom and When: What is the Ceiling of Medical Therapy**
Lecturers: Norman E. Lepor
- 12:38 PM **Newer Diabetes Agents: What All Interventional Cardiologists Need to Know**
Lecturers: Steven P. Marso
- 12:47 PM **Roundtable Discussion With Audience QA**
- 12:56 PM **CABG Remains the Default Therapy For All Diabetics With Multivessel and Left Main Disease**
- 1:05 PM **When is PCI a Valid Alternative To Only Medical Therapy or CABG in the Diabetic Patient**
Lecturers: Sripal Bangalore
- 1:14 PM **Complete Revascularization is the Missing Link to Improve Diabetic PCI Outcomes**
Lecturers: Konstantinos Dean Boudoulas
- 1:23 PM **CHIP in The Diabetic Patient: Special Considerations**
Lecturers: Cindy L. Grines

- 1:32 PM **Roundtable Discussion With Audience QA**
- 1:40 PM **Summary Comments and Take Home Messages**
Lecturers: David J. Maron

EXPERT CASE REVIEW LUNCHES

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - BALLOON ANGIOPLASTY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH)

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC

12:15PM - 1:45 PM

Balloon Angioplasty for Chronic Thromboembolic Pulmonary Hypertension (CTEPH)

Moderators: Irene M. Lang, Ehtisham Mahmud

Discussants: Lawrence Ang, William R. Auger, Riyaz Bashir, J. Stephen Jenkins, Hiromi Matsubara, Francesco Saia

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Irene M. Lang
- 12:20 PM **Case 1: A Case of Balloon Pulmonary Angioplasty for CTEPH Emphasizing Optimal Clinical and Anatomic Patient Selection**
Lecturers: William R. Auger
- 12:30 PM **Case 2: A Case of Balloon Pulmonary Angioplasty for CTEPH: Focus on Technique and Metrics for Success**
Case Presenter: Francesco Saia
- 12:40 PM **Case 3: A Case of Balloon Pulmonary Angioplasty for CTEPH: Focus on Vessel Selection and Number of Procedures**
Case Presenter: Irene M. Lang
- 12:50 PM **Case 4: A Case of Balloon Pulmonary Angioplasty for CTEPH Demonstrating the Utility of Intravascular Imaging**
Case Presenter: Hiromi Matsubara
- 1:00 PM **Case 5: A Case of Balloon Pulmonary Angioplasty for CTEPH: Advanced Techniques Including Functional Assessment**
Case Presenter: Ehtisham Mahmud
- 1:10 PM **Case 6: A Case Demonstrating the Potential Long Term Benefits of Balloon Pulmonary Angioplasty for CTEPH**
Case Presenter: Riyaz Bashir
- 1:20 PM **Case 7: A Case of Balloon Pulmonary Angioplasty for CTEPH: Residual Pulmonary Hypertension Following PTE surgery**
Case Presenter: Lawrence Ang
- 1:30 PM **Case 8: A Case of Balloon Pulmonary Angioplasty for CTEPH Complicated by Perforation**
Case Presenter: Sanjum S Sethi
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Ehtisham Mahmud

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - COMPLEX ADULT CONGENITAL INTERVENTION

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:53 PM

Room 28D-E, Upper Level

Accreditation: CME, MOC

12:15 PM - 1:53 PM

Complex Adult Congenital Intervention

Moderators: Lee N. Benson, Eric Horlick

Discussants: Zahid Amin, Makram R. Ebeid, Ioannis Iakovou, Michael J. Lim, Mark Osten, Harsimran Sachdeva Singh, Nathan W Taggart

- 12:15 PM **Introduction: What do We Hope to Learn From these Cases**
Lecturers: Lee N. Benson
- 12:18 PM **Case 1: The Domino Effect**
Case Presenter: Reda Ibrahim
- 12:27 PM **Case 2: The Sapien Double Trouble**
Case Presenter: Gareth J Morgan
- 12:36 PM **Case 3: Tricuspid Valve in Valve**
Case Presenter: Nathan W Taggart
- 12:45 PM **Case 4: A Fontan Baffle Obstruction**
Case Presenter: Mark Osten
- 12:54 PM **Case 5: A Pesky ASD With Help From Modelling**
Case Presenter: Michael J. Lim
- 1:03 PM **Case 6: Percutaneous Pulmonary Valve Placement: Mishap After Mishap**
Case Presenter: Zahid Amin
- 1:12 PM **Case 7: Bifurcation Stenting for Pulmonary Vein Stenosis**
Case Presenter: Harsimran Sachdeva Singh
- 1:21 PM **Case 8: A Large Coronary Fistula: Should it be Closed and How**
Case Presenter: Ioannis Iakovou
- 1:30 PM **Case 9: Catheter Opening of Occluded Superior Baffle After Atrial Switch With Assisted Transhepatic Approach**
Case Presenter: Makram R. Ebeid
- 1:39 PM **Case 10: An Arch Complication After Aortic Coarctation Stenting**
Case Presenter: Eric Horlick
- 1:48 PM **Take home Messages: What Did We Learn From these Cases**
Lecturers: Lee N. Benson

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - CTO ANTEGRADE REENTRY TECHNIQUES

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 25A-B, Upper Level

Accreditation: CME, MOC

12:15 PM - 1:45 PM

CTO Antegrade Reentry Techniques

Moderators: Dimitri Karpaliotis, Etsuo Tsuchikane

Discussants: Junbo Ge, Lukasz Klima, Alexander Grigorievich Osiev, Leif Thuesen, R. Michael Wyman

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Etsuo Tsuchikane
- 12:20 PM **Case 1: A Case of Demonstrating the Contemporary Utility of the Parallel Wire Technique**
Case Presenter: Gerald S. Werner
- 12:30 PM **Case 2: A Case Demonstrating an Advanced Antegrade Dissection and Reentry Technique**
Case Presenter: R. Michael Wyman
- 12:40 PM **Case 3: A Case Demonstrating the Knuckle Wire Technique**
Case Presenter: Sunao Nakamura
- 12:50 PM **Case 4: A Case of Antegrade Fenestration and Re Entry**
Case Presenter: Mauro Carlino
- 1:00 PM **Case 5: A CTO Case in Which Antegrade Persistence Payed Off**
Case Presenter: Nicholas J. Lembo
- 1:10 PM **Case 6: A Case of Real Time Fusion CT Imaging to Guide CTO PCI**
Case Presenter: Farouc A Jaffer
- 1:20 PM **Case 7: A Case Demonstrating Active Antegrade True Lumen Seeking**
Case Presenter: Yuejin Yang
- 1:30 PM **Case 8: A Major Complication During Antegrade CTO PCI Hint Not a Perforation**
Lecturers: Roberto Diletti
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Dimitri Karpaliotis

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - FFR-CT CASE STUDIES: NONINVASIVE DIAGNOSIS AND PROCEDURAL PLANNING

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 32A-B, Upper Level

Accreditation: CME, MOC

12:15 PM - 1:45 PM

FFRCT Case Studies: Noninvasive Diagnosis and Procedural Planning

Moderators: Nick Curzen, Robert D. Safian

Discussants: Colin Berry, Pamela S. Douglas, Jonathon A. Leipsic, Hitoshi Matsuo, Erick Schampaert, Daniel I. Simon

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Robert D. Safian
- 12:19 PM **Case 1: An FFRCT Case That Convinced Me of Its Utility**
Case Presenter: Michael Mooney

- 12:28 PM **Case 2: A Case Where FFRCT Was More Accurate Than All Other Imaging Modalities From PACIFIC**
Case Presenter: Paul Knaapen
- 12:37 PM **Case 3: A Case Where FFRCT Identified Ischemia in a Mild Coronary Stenosis From the ADVANCE Registry**
Case Presenter: Takashi Akasaka
- 12:46 PM **Case 4: A Real World Case Where FFRCT Provided Unique Insights**
Case Presenter: Hitoshi Matsuo
- 12:55 PM **Case 5: A Case of FFRCT to Evaluate Dyspnea and Atypical Symptoms**
Case Presenter: Daniel I. Simon
- 1:04 PM **Case 6: A Case of FFRCT Assessment During Plaque Rupture**
Case Presenter: Jonathon A. Leipsic
- 1:13 PM **Case 7: A Case in Which FFRCT Provided Some But Not All of the Needed Data**
Case Presenter: Justin E. Davies
- 1:22 PM **Case 8: A Case of Revascularization Planning by FFRCT From SYNTAX III**
Case Presenter: Patrick W. Serruys
- 1:31 PM **Case 9: A Case of PCI Planning and Virtual Stenting Using the Interactive FFRCT Planner**
Case Presenter: Andrejs Erglis
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Nick Curzen

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTERVENTIONAL RICH EMOTIONAL EXPERIENCES (AKA COMPLICATIONS) I: CORONARY

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 28A-B, Upper Level

Accreditation: CME, MOC

12:15 PM - 1:45 PM

Interventional RICH Emotional Experiences (AKA Complications) I: Coronary

Moderators: Henning Kelbæk, Ran Kornowski

Discussants: Nirat Beohar, Miroslaw Ferenc, Mamas Mamas, James Nolan, Thomas M. Tu, Bernhard Witzenbichler

- 12:15 PM **Introduction: What Do We Hope To Learn From These Cases**
Lecturers: Ran Kornowski
- 12:20 PM **Case 1: A Case of a Massive Coronary Perforation**
Case Presenter: Nicholas J. Lembo
- 12:30 PM **Case 2: A Case of a Collateral Perforation**
Case Presenter: Sanjog Kalra
- 12:40 PM **Case 3: A Case of Refractory No Reflow**
Case Presenter: Rahul Sakhuja
- 12:50 PM **Case 4: A Case of a Lost Stent in the Left Main**
Case Presenter: Waleed El Awady
- 1:00 PM **Case 5: A Complication That Occurred When I Treated a Post MI VSD**

Case Presenter: Biswajit Kar

1:10 PM **Case 6: A Most Uncommon PCI Complication**

Case Presenter: Barry D. Rutherford

1:20 PM **Case 7: A Radial Artery Access Disaster**

Case Presenter: Ramon Quesada

1:30 PM **Case 8: A Case of Major Peripheral Vascular Complications During Coronary Intervention**

Case Presenter: Dmitriy N. Feldman

1:40 PM **Take Home Messages: What Did We Learn From These Cases**

Lecturers: Henning Kelbæk

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - MITRACLIP COMPLEX CASE STUDIES AND TECHNIQUE

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:45 PM

Room 29A-B, Upper Level

Accreditation: CME, MOC

12:15 PM - 1:45 PM

MitraClip Complex Case Studies and Technique

Moderators: Hüseyin Ince, Matthew J. Price

Discussants: Anita Asgar, Eric A. Cohen, Oscar A. Mendiz, Frederick G. St. Goar, Corrado Tamburino, Brian K. Whisenant

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**

Lecturers: Matthew J. Price

12:20 PM **Case 1: A Case of Progressive Stenosis After a Successful MitraClip**

Case Presenter: Ulrich Schäfer

12:30 PM **Case 2: MitraClip for Annuloplasty Ring Dehiscence**

Case Presenter: Peter Wenaweser

12:40 PM **Case 3: MitraClip for Prolapse of a Trileaflet Mitral Valve**

Case Presenter: Manuel Pan

12:50 PM **Case 4: Transcatheter MitraClip Repair for Commissural Regurgitation**

Case Presenter: Joachim Schofer

1:00 PM **Case 5: A Case of Transcatheter Mitral Valve Repair in the Setting of Cardiogenic Shock**

Case Presenter: Paolo Denti

1:10 PM **Case 6: A Challenging MitraClip Decision: Whether to Implant a Second Clip**

Case Presenter: Konstantinos Spargias

1:20 PM **Case 7: A Complex Mitraclip XT Case**

Case Presenter: Jörg Hausleiter

1:30 PM **Case 8: An Iatrogenic ASD During Transcatheter Mitral Valve Repair: When and Why to Close**

Case Presenter: George S. Hanzel

1:40 PM **Take home Messages: What Did We Learn From these Cases**

Lecturers: Hüseyin Ince

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - TAVR VALVE IN VALVE, VALVE IN RING, VALVE IN MAC, AND VALVE IN BICUSPID AS

SATURDAY, SEPTEMBER 22, 2018

12:15 PM - 1:46 PM

Room 26A-B, Upper Level
Accreditation: CME, MOC

12:15 PM - 1:46 PM

TAVR Valve in Valve, Valve in Ring, Valve in MAC and Valve in Bicuspid AS

Moderators: Massimo Napodano, Bernard Prendergast

Discussants: Mohamed Abdel-Wahab, Robert J. Applegate, Vinayak Bapat, Alaide Chieffo, Jan Kovac, Juan A. Terré

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Bernard Prendergast
- 12:19 PM **Case 1: A Case of TAVR ViV Requiring an Advanced Approach**
Case Presenter: Mohamed Abdel-Wahab
- 12:28 PM **Case 2: A Case of TAVR in TAVR**
Case Presenter: Marco Barbanti
- 12:37 PM **Case 3: A Case of Bioprosthetic Valve Fracture To Facilitate TAVR ViV**
Case Presenter: Keith B. Allen
- 12:47 PM **Case 4: Bioprosthetic Valve Fracture Before or After TAVR ViV**
Case Presenter: Adnan K. Chhatrwalla
- 12:56 PM **Case 5: A Case of TAVR in a Stentless Surgical Valve Tips and Tricks to Know**
Case Presenter: David X. Zhao
- 1:05 PM **Case 6: A Case of Failed TAVR ViV**
Case Presenter: Philippe Pibarot
- 1:14 PM **Case 7: A Case of TAVR ViV With Complications**
Case Presenter: Azeem Latib
- 1:23 PM **Case 8: A Case of a TAVR in MAC With Complications**
Case Presenter: Torsten P. Vahl
- 1:32 PM **Case 9: A Case of TAVR in Bicuspid Aortic Stenosis Technical Considerations**
Case Presenter: Simon Redwood
- 1:41 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Massimo Napodano

SPECIAL SESSIONS

SPECIAL SESSION: CHINESE ADVISORY MEETING

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Room 30A-C, Upper Level

8:30 AM - 9:30 AM

Chinese Advisory Meeting: Practice Patterns in China

Moderators: Shao-Liang Chen, Runlin Gao, Yaling Han, Gary S. Mintz, Gregg W. Stone, Bo Xu

Discussants: Jinchun Guo, Peng Qu, Guangyuan Song, Zhibing Wang, Feng Xu, Zheng Zhang, Jie Zhao

8:30 AM **Question and Answer**

Lecturers: Gregg W. Stone

SPECIAL SESSION: FEATURED SESSION FOR INTERNATIONAL ADVISORY FACULTY- THE BEST OF INDIA: PRACTICE PATTERNS IN MODERN INTERVENTIONAL CARDIOLOGY

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 10:00 AM

Room 24A-B, Upper Level

8:30 AM - 10:00 AM

Featured Session for International Advisory Faculty The Best of India @ Practice Patterns in Modern Interventional Cardiology

Moderators: Manish A. Parikh, Ashok Seth

Co Moderator: Vinay K. Bahl

Discussants: Fatema Begum, Upendra Kaul, Sreenivas Arramraju Kumar, Sundeep Mishra, Nikhil Parchure

8:30 AM **Introduction and Session Goals**

Lecturers: Manish A. Parikh

8:34 AM **Complex Multivessel PCI: CABG is Not Always an Option Case Introduction**

Case Presenter: Sreenivas Arramraju Kumar

8:40 AM **Advisory Faculty Surveys With Q and A: How Should This Case Be Performed**

Poll Moderators: Juan Iturriza

8:50 AM **Complex Multivessel PCI: CABG is Not Always an Option Case Conclusion**

Case Presenter: Sreenivas Arramraju Kumar

8:56 AM **Roundtable Discussion With Audience QA**

9:01 AM **STEMI Presentation: Thrombus and Beyond Case Introduction**

Case Presenter: Sundeep Mishra

9:07 AM **Advisory Faculty Surveys With Q and A: How Should This Case Be performed**

Poll Moderators: Juan Iturriza

9:17 AM **STEMI Presentation: Thrombus and Beyond Case Conclusion**

Case Presenter: Sundeep Mishra

9:23 AM **Roundtable Discussion With Audience QA**

9:28 AM **Multivessel CAD and Congestive Heart Failure Case Introduction**

Case Presenter: Vinay K. Bahl

9:34 AM **Advisory Faculty Surveys With Q and A: How Should This Case Be performed**

Poll Moderators: Juan Iturriza

9:44 AM **Multivessel CAD and Congestive Heart Failure Case Conclusion**

Case Presenter: Vinay K. Bahl

9:50 AM **Roundtable Discussion With Audience QA**

9:55 AM **Summary and Take Home Messages**

Lecturers: Ashok Seth

SPECIAL SESSION: 16TH ANNIVERSARY HBD (HARMONIZATION BY DOING)

SATURDAY, SEPTEMBER 22, 2018

9:00 AM - 5:00 PM

Room 27A-B, Upper Level

9:00 AM - 9:30 AM

Introduction and Prospect of HBD Activities

Moderators: Mitchell W. Krucoff

9:00 AM **History of HBD Activity**

Lecturers: Neal Fearnot

9:15 AM **Introduction of HBD for children**

Lecturers: Koji Mineta

9:30 AM - 10:45 AM

How Can We Generate Robust Real-World Evidence From Global Real-World Data?

Moderators: Neal Fearnot, John C Laschinger

9:30 AM **The Current Situation and Perspective in US RAPID NEST**

Lecturers: Mitchell W. Krucoff

9:40 AM **The Current Situation and Perspective in Japan and International Activity CIN IMDRF**

Lecturers: Koji Mineta

9:50 AM **The Effort of Generating Robust RWE From US Industry**

Lecturers: Theodore Heise

10:00 AM **Seeking a More Effective Way of Utilizing Big Data From Daily Practice in Japan**

Lecturers: Tetsuya Amano

10:10 AM **How We Can Utilize the RWE for Regulatory Decision Making FDA Perspective**

Lecturers: John C Laschinger

10:20 AM **Panel Discussion**

10:45 AM - 11:00 AM

Break

11:00 AM - 12:30 PM

Thinking About the Clinical Positioning of Percutaneous Mitral Regurgitation (MR) and Tricuspid Regurgitation (TR) Valve-Related Devices in the Maturity Stage of Surgical Treatment

Moderators: Philippe Genereux, Shigeru Saito

Discussants: Jaime Raben

11:00 AM **Global Early Feasibility Study: Novel Mitral Regurgitation Valve Treatment Device**

Lecturers: Robert J Thatcher

11:10 AM **The Current Situation and Trend for the MR and TR Valve Related Devices**

Lecturers: Fumiaki Ikeno

11:20 AM **MR and TR Valve Related Device Will be a Game Changer From US Academies Prospective**

Lecturers: Philippe Genereux

11:30 AM **MR and TR Valve Related Device Will be a Game Changer From Japanese Academies Prospective Based on Post Market Surveillance in Japan**

Lecturers: Makoto Amaki

11:40 AM **Points to Consider in the Review of MR and TR Valve Related Devices FDAs View**

Lecturers: Ankurita Datta

11:50 AM **Points to Consider in the Review of MR and TR Valve Related Devices PMDAs View**

Lecturers: Akihide Konishi

12:00 PM **Panel Discussion**

12:30 PM - 1:30 PM

Break for Lunch

1:30 PM - 3:30 PM

What is the Appropriate Definition and Treatment for High Risk Bleeding Patients? ~Focused on Short DAPT for Coronary DES and Left Atrial Appendage Closure Device (LAAC Device)

Moderators: Kenneth J. Cavanaugh Jr, Hiroyoshi Yokoi

Discussants: Lydia S Glaw

3:30 PM - 3:45 PM

Break

3:45 PM - 5:00 PM

Rethink of the Clinical Position for Renal Sympathetic Denervation (RDN) Based on Current Evidence

Moderators: Kenneth J. Cavanaugh Jr, Takafumi Ueno

3:45 PM **The Overview of Current Evidence of RDN: The Result of RADIANCE HTN SOLO Trial and SPYRAL HTN on MED Trial**

Lecturers: Justin E. Davies

3:55 PM **What are the Suitable Target Patients and Endpoints for RDN Based on the Current Evidence**

Lecturers: Felix Mahfoud

4:05 PM **Japanese Perspective and Experience on RDN Studies**

Lecturers: Takafumi Ueno

4:15 PM **Point to Consider in the Review of the RDN Related Devices: US Regulatory**

Lecturers: Hiren Mistry

4:25 PM **Panel Discussion**

FASCINATING LECTURES I: THE GLOBAL REACH OF INTERVENTIONAL CARDIOLOGY

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 2:45 PM

Ballroom 6A, Upper Level

Accreditation: CME, MOC

2:00 PM - 2:45 PM

The Global Reach of Interventional Cardiology

Moderators: James E. Muller, Giora Weisz

Discussants: Andrea Abizaid, Graham A. Cassel, David F. Kong, Ehtisham Mahmud, Robert D. Safian

- 2:00 PM **Balloons on the Battlefield: Novel Endovascular Techniques for Military Resuscitation**
Lecturers: Paul Rees
- 2:10 PM **Fascinating QA**
- 2:15 PM **PCI for Syrian Refugees in Jordan With the Syrian American Medical Society SAMS**
Lecturers: Stefan Harb
- 2:25 PM **Fascinating QA**
- 2:30 PM **Robotic Tele Stenting Over Long Geographic Distances: Progress and Barriers**
Lecturers: Ryan D. Madder
- 2:40 PM **Fascinating QA**

- 11:30 AM - 12:30 PM
LOTUS Edge and ACURATE neo2 and Sentinel Cerebral Protection System: Next-Generation TAVR
Chairs: Ted Feldman
Faculty: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger

- 11:30 AM **The Ulm University Experience With Sentinel**
Lecturers: Julia Seeger
- 11:35 AM **Sentinel: A Real World Experience**
Lecturers: Michael J. Rinaldi
- 11:45 AM **LOTUS Edge: Cutting Edge Experience**
Lecturers: Robert Gooley
- 11:55 AM **ACURATE neo2: Building the Evidence**
Lecturers: Helge Möllmann
- 12:05 PM **The Future Clinical Trial Landscape of TAVR**
Lecturers: Michael J. Reardon
- 12:15 PM **Panel Discussion**
Moderators: Ted Feldman
Discussants: Robert Gooley, Helge Möllmann, Michael J. Reardon, Michael J. Rinaldi, Julia Seeger
- 12:28 PM **Wrap Up**
Lecturers: Ted Feldman
- 12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAMS

PRESENTATION THEATER PROGRAM: CONTRAST-INDUCED ACUTE KIDNEY INJURY: PREVENTIVE MEASURES THAT WORK (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC., GE HEALTHCARE, AND OSPREY MEDICAL)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 2, Hall B2, Ground Level

11:30 AM - 12:30 PM
Contrast-Induced Acute Kidney Injury: Preventive Measures that Work in High Risk Patients
Chairs: Roxana Mehran
Faculty: Emmanouil S. Brilakis, Michael P. Flaherty, Vishal Gupta, MD, Hitinder S. Gurm

- 11:30 AM **Renal Function Contrast Media Dosing in High Risk Patient Populations**
Lecturers: Hitinder S. Gurm
- 11:40 AM **Impella Assisted PCI and a Strategy to Prevent AKI in High Risk Patients**
Lecturers: Michael P. Flaherty
- 11:50 AM **Effect of MARCE Incidence and Economic Impact Resulting From Contrast Media Use in the Cath Lab**
Lecturers: Emmanouil S. Brilakis
- 12:00 PM **Development of a Kidney Care Protocol in the Cath Lab: Screening Hydration and Dye Minimization**
Lecturers: Vishal Gupta, MD
- 12:10 PM **Panel Discussion and QA**
- 12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: LOTUS EDGE AND ACURATE NEO2 AND SENTINEL CEREBRAL PROTECTION SYSTEM: NEXT-GENERATION TAVR (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 4, Exhibit Hall, Ground Level

PRESENTATION THEATER PROGRAM: MAGMARIS MAGNESIUM RMS: IN A CLASS OF ITS OWN (SPONSORED BY BIOTRONIK)

SATURDAY, SEPTEMBER 22, 2018
11:30 AM - 12:30 PM
Presentation Theater 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM
Magmaris Magnesium RMS: In a Class of Its Own
Co Chairs: Michael Haude, Ron Waksman
Faculty: Stefano Galli, Michael Joner, Pasi Karjalainen, Michael Kang-Yin Lee

- 11:30 AM **Why do we need scaffolds**
Lecturers: Michael Haude
- 11:40 AM **Discussion**
- 11:45 AM **Magmaris: Reducing the risk of neoatherosclerosis**
Lecturers: Michael Joner
- 11:55 AM **Discussion**
- 12:03 PM **Neointimal Healing Evaluated by Optical Coherence Tomography after Drug Eluting Absorbable Metal Scaffold Implantation in denovo Native Coronary Lesions**
Lecturers: Pasi Karjalainen
- 12:10 PM **Discussion**
- 12:15 PM **New clinical insights from BIOSOLVE IV**
Lecturers: Michael Kang-Yin Lee
- 12:23 PM **Discussion**

12:28 PM **Key learnings and take away**

Lecturers: Ron Waksman

12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: TRANSRADIAL ANGIO CLUB - COMPLEX CORONARY INTERVENTIONS SYMPOSIUM (SPONSORED BY CORDIS, A CARDINAL HEALTH COMPANY)

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Presentation Theater 3, Exhibit Hall, Ground Level

11:30AM - 12:30 PM

Transradial Angio Club - Complex Coronary Interventions Symposium

Chairs: Manish A. Parikh

Faculty: J. Dawn Abbott, Kevin J. Croce, Yuji Ikari, Azeem Latib, John C. Wang

PRESENTATION THEATER PROGRAM: ACCESSING AND TREATING LOWER LIMB DISEASE WITH SUPERA (SPONSORED BY ABBOTT)

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Presentation Theater 2, Hall B2, Ground Level

1:00PM - 2:00 PM

Accessing and Treating Lower Limb Disease With Supera

Faculty: Ethan C Korngold, Sahil A. Parikh, Mehdi H. Shishehbor, Chuck Simonton

1:00 PM Welcome

Lecturers: Chuck Simonton

1:05 PM Accessing and Crossing Lower Limb Disease

Lecturers: Mehdi H. Shishehbor

1:35 PM Treating Lower Limb Disease With Supera

Lecturers: Ethan C Korngold, Sahil A. Parikh

1:50 PM Closing Remarks

Lecturers: Sahil A. Parikh, Chuck Simonton

2:00 PM Adjourn

PRESENTATION THEATER PROGRAM: LEADING THE WAY AS TAVR BECOMES THE GOLD-STANDARD FOR TREATING AS (A CASE-BASED DISCUSSION) (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Presentation Theater 1, Hall B2, Ground Level

1:00PM - 2:00 PM

Leading the Way as TAVR Becomes the Gold-Standard for Treating AS (A Case-Based Discussion)

Co Chairs: Martin B. Leon, John G. Webb

Faculty: Megan Coylewright, Tsuyoshi Kaneko, Sandra Lauck, Wilson Y. Szeto, Vinod H. Thourani, David A. Wood

2:00 PM **Final Thoughts Adjourn**

PRESENTATION THEATER PROGRAM: PREPARE TO SUCCEED IN COMPLEX PCI: CASE-BASED INSIGHTS FOR TECHNICAL SUCCESS THROUGH ADVANCED GUIDANCE AND TREATMENT TOOLS (SPONSORED BY PHILIPS)

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Presentation Theater 5, Exhibit Hall, Ground Level

1:00PM - 2:00 PM

Prepare to Succeed in Complex PCI: Case-Based Insights for Technical Success Through Advanced Guidance and Treatment Tools

Chairs: Ehrin J. Armstrong

Lecturers: Farouc A Jaffer

Faculty: Kevin J. Croce, Javier Escaned

1:00 PM Introductions

Moderators: Ehrin J. Armstrong
Lecturers: Kevin J. Croce, Javier Escaned, Farouc A Jaffer

1:05 PM The Future of Physiology: Complex PCI Guidance

Lecturers: Javier Escaned

1:20 PM How to Deal With ISR and Multi layer ISR

Lecturers: Kevin J. Croce

1:35 PM Improving Complex PCI Outcomes With IVUS

Lecturers: Farouc A Jaffer

1:50 PM Conclusions and Questions

Moderators: Ehrin J. Armstrong
Discussants: Kevin J. Croce, Javier Escaned, Farouc A Jaffer

2:00 PM Adjourn

PRESENTATION THEATER PROGRAM: THE CASE FOR COMPLETE CEREBRAL EMBOLIC PROTECTION - REFLECT (SPONSORED BY KEYSTONE HEART, LTD.)

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Presentation Theater 4, Exhibit Hall, Ground Level

1:00PM - 2:00 PM

The Case for Complete Cerebral Embolic Protection - REFLECT

Chairs: Alexandra J. Lansky, Tamim Nazif

Faculty: Abhijeet Dhoble, MD, Dariusz Dudek, John K. Forrest, Michael J. Mack, Raj Makkar, Jeffrey W. Moses, Joachim Schofer, Rahul Sharma

1:00 PM Current Cerebral Embolic Protection Landscape Keystone Heart TriGUARD Data Review

Lecturers: Jeffrey W. Moses

1:10 PM REFLECT Clinical Update with TriGUARD 3

Lecturers: Tamim Nazif

1:20 PM TriGUARD 3 Case Presentation Early US Experience

Lecturers: Michael J. Mack

1:28 PM **TriGUARD 3 Post Market EU Registry Plan**

Lecturers: Dariusz Dudek

1:35 PM **The Importance of DW MRI and Longitudinal Impact of Cerebral Ischemic Lesions**

Lecturers: John K. Forrest

1:45 PM **Cerebral Embolic Protection Panel Discussion**

Lecturers: Alexandra J. Lansky

PRESENTATION THEATER PROGRAM: THE RADIANCE GLOBAL CLINICAL TRIAL PROGRAM: THE FUTURE OF RENAL DENERVATION IS SOUND! (SPONSORED BY RECOR MEDICAL)

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 2:00 PM

Presentation Theater 3, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM

The RADIANCE Global Clinical Trial Program: The Future of Renal Denervation is SOUND!

Chairs: Ajay J. Kirtane

Faculty: Melvin D. Lobo, Felix Mahfoud

1:00 PM **Introduction to Session**

Lecturers: Ajay J. Kirtane

1:05 PM **RADIANCE HTN SOLO off medication cohort: in depth analysis of primary efficacy and safety outcomes**

Lecturers: Ajay J. Kirtane

1:15 PM **Q A**

1:20 PM **RDN procedure with the ReCor Paradise technology: anatomy treatment location procedure standardization and simplicity**

Lecturers: Felix Mahfoud

1:35 PM **Q A**

1:40 PM **Clinical Context of SOLO Results and the RADIANCE Global Clinical Trial Program**

Lecturers: Melvin D. Lobo

1:55 PM **Q A Close session**

2:00 PM **Adjourn**

INTERNATIONAL SOCIETY SESSIONS

INTERNATIONAL SESSION: CHALLENGING PCI CASES AND SCENARIOS IN MY COUNTRY, PRESENTED BY THE HONG KONG COLLEGE OF CARDIOLOGY, BANGLADESH SOCIETY OF CARDIOVASCULAR INTERVENTION, TUNISIAN WORKING GROUP ON INTERVENTIONAL CARDIOLOGY (GTCL), EMIRATES CARDIAC SOCIETY

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

Room 24A-B, Upper Level

Accreditation: CME, MOC

10:00 AM - 10:45 AM

Session I. Giant Thrombus During Primary PCI in STEMI

Moderators: Ngai-Yin Chan, Afzalur Rahman

Discussants: Khaldoun Ben Hamda, Habib Gamra, Abdullah Shehab

10:00 AM **Introduction**

Lecturers: Afzalur Rahman

10:05 AM **Introduction: A Case of a Very Large and Persistent Thrombus**

Lecturers: Kam-Tim Chan

10:10 AM **How Would I Treat This Case**

Lecturers: Kaisar Nasrullah Khan

10:15 AM **How Did I Actually Treat This Case**

Lecturers: Kam-Tim Chan

10:20 AM **Roundtable Discussion With Audience QA**

10:25 AM **Introduction: A Case of No Reflow During Primary PCI**

Lecturers: Afzalur Rahman

10:30 AM **How Would I Treat This Case**

Lecturers: Chris Kwok Yiu Wong

10:35 AM **How Did I Actually Treat This Case**

Lecturers: Afzalur Rahman

10:40 AM **Roundtable Discussion With Audience QA**

Lecturers: Ngai-Yin Chan

10:45 AM - 11:30 AM

Session II: Primary PCI for STEMI in Patients With Multivessel Disease

Moderators: Khaldoun Ben Hamda, Habib Gamra, Abdullah Shehab

Discussants: Ngai-Yin Chan, Afzalur Rahman

10:45 AM **Introduction: A Patient With STEMI and Multivessel Disease**

Lecturers: Arif Al Nooryani

10:50 AM **How Would I Treat This Case**

Lecturers: Kais Battikh

10:55 AM **How Did I Actually Treat This Patient**

Lecturers: Arif Al Nooryani

11:00 AM **Roundtable Discussion With Audience QA**

Lecturers: Abdullah Shehab

11:05 AM **Introduction: A Patient With STEMI and Multivessel Disease**

Lecturers: Kais Battikh

11:10 AM **How Would I Treat This Patient**

Lecturers: Arif Al Nooryani

11:15 AM **How Did I Actually Treat This Patient**

Lecturers: Kais Battikh

11:20 AM **Roundtable Discussion With Audience QA**

Lecturers: Abdullah Shehab

11:25 AM **Conclusions and Take home Messages**

Lecturers: Habib Gamra

INTERNATIONAL SESSION: PRESENT AND FUTURE TREATMENT OF CTO AND TRUE BIFURCATION LESIONS PRESENTED BY THE CZECH ASSOCIATION OF INTERVENTIONAL CARDIOLOGY, SLOVAK SOCIETY OF CARDIOLOGY, GERMAN SOCIETY OF CARDIOLOGY AND THE POLAND CARDIAC SOCIETY

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 12:30 PM

Room 24C, Upper Level
Accreditation: CME,MOC

10:30AM - 11:30 AM

Session I. True Coronary Bifurcation Lesions

Moderators: Petr Kala, Jochen Wöhrle

Discussants: Dariusz Dudek, Martin Hudec, Wojtek Wojakowski

- 10:30 AM **Introduction: Czech Republic Wojwi**
Lecturers: Petr Kala
- 10:35 AM **Slovakia Presents: Introducing a Complex Case With a True Bifurcation Lesion**
Case Presenter: Milan Dragula
- 10:45 AM **Germany Comments: How Would I Treat This Case**
Case Presenter: Michael Haude
- 10:52 AM **Slovakia Presents: How Did I Treat This Case**
Case Presenter: Milan Dragula
- 10:59 AM **Slovakia Presents: Current Knowledge Approach to True Bifurcation Lesions**
Case Presenter: Anton Farkas
- 11:05 AM **Poland Presents: Introducing a Case of a Very Complex True Bifurcation Lesion**
Case Presenter: Stanislaw Bartus
- 11:12 AM **Czech Republic Comments: How Would I Treat This Case**
Case Presenter: Pavel Cervinka
- 11:19 AM **Poland Presents: How Did I Treat This Case**
Case Presenter: Stanislaw Bartus
- 11:25 AM **Conclusion and Take Home Messages**
Lecturers: Jochen Wöhrle

11:30AM - 12:30 PM

Session II. Chronic Total Occlusions

Moderators: Martin Hudec, Wojtek Wojakowski

Discussants: Petr Kala

- 11:30 AM **Introduction**
Lecturers: Wojtek Wojakowski
- 11:35 AM **Germany Presents: Present and Future Strategies for Recanalizing Chronic Coronary Total Occlusions**
Lecturers: Mohamed Abdel-Wahab
- 11:45 AM **Czech Republic Presents: Introducing a Complex Chronic Total Occlusion**
Case Presenter: Vojtech Novotny
- 11:52 AM **Poland Comments: How Would I Treat This Case**
Case Presenter: Wojtek Wojakowski
- 11:59 AM **Czech Republic Presents: How Did I Treat This Case**
Case Presenter: Vojtech Novotny
- 12:05 PM **Germany Presents: Introducing a Complex Chronic Total Occlusion**

Case Presenter: Julia Seeger

- 12:12 PM **Slovakia Comments: How Would I Treat This Case**
Case Presenter: Martin Hudec
- 12:19 PM **Germany Presents: How Did I Treat This Case**
Case Presenter: Julia Seeger
- 12:25 PM **Conclusion and Take Home Messages**
Lecturers: Martin Hudec

INTERNATIONAL SESSION: MANAGEMENT STRATEGIES IN PCI PATIENTS AT HIGH BLEEDING RISK PRESENTED BY THE WORKING GROUP ON INVASIVE AND INTERVENTIONAL CARDIOLOGY, CROATIAN CARDIAC SOCIETY, WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, BELGIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY (BWGIC), AUSTRIAN SOCIETY OF CARDIOLOGY, WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, AND BELARUS WORKING GROUP OF INTERVENTIONAL CARDIOLOGY

SATURDAY, SEPTEMBER 22, 2018

1:30 PM - 3:30 PM

Room 24C, Upper Level
Accreditation: CME,MOC

1:30PM - 3:30 PM

Management Strategies in PCI Patients at High Bleeding Risk

Moderators: Walter Desmet, Guy J. Friedrich

Discussants: Kurt Huber, Eduard Margetic, Oleg Polonetsky

- 1:30 PM **Case Presentation: Chronic Oral Anticoagulant and Antiplatelet Management Decisions**
Case Presenter: Guy J. Friedrich
- 1:50 PM **Bleeding Risk and Management Strategies in Elderly Patients on Chronic Oral Anticoagulation**
Lecturers: Kurt Huber
- 2:10 PM **Can Intracoronary Imaging Guide Antithrombotic Strategy**
Lecturers: Eduard Margetic
- 2:30 PM **Is There Still a Role for Triple Therapy Based on Recent Studies**
Lecturers: Walter Desmet
- 2:50 PM **Chronic Oral Anticoagulation After Stenting: Strategy in Belarus**
Lecturers: Oleg Polonetsky
- 3:10 PM **Roundtable Discussion With Audience QA**

INTERNATIONAL SESSION: CHIP INTERVENTIONS - WORST SCENARIOS AND BEST SAVES AROUND THE WORLD, PRESENTED BY THE INTERNATIONAL SOCIETIES OF EGYPT, KUWAIT, MALAYSIA, COLUMBIA, AND UKRAINE

SATURDAY, SEPTEMBER 22, 2018

3:30 PM - 5:00 PM

Room 24A-B, Upper Level
Accreditation: CME,MOC

3:30 PM - 5:00 PM

CHIP Interventions: Worst Scenarios and Best Saves Around The World

Moderators: Ahmed Magdy

Discussants: Magdy Abdelhamid, Mohammad Al-Mutairi, Maxim Sokolov, Jorge Villegas

- 3:30 PM **Introduction and Session Goals**
Lecturers: Ahmed Magdy
- 3:32 PM **Egypt Presents to Malaysia: Challenges and Strategies for Complex CTO Intervention With Case Studies**
Case Presenter: Amr ElHadidy
- 3:40 PM **Informal Comments: Malaysia Responds to Egypt on Complex CTO Interventions**
Lecturers: Ramesh Singh Arjan Singh
- 3:44 PM **Roundtable Discussion With Audience QA**
- 3:49 PM **Kuwait Presents to Columbia: Complex Left Main Intervention With Severe LV Dysfunction With Case Studies**
Case Presenter: Khaled Almerri
- 3:57 PM **Informal Comments: Columbia Responds to Kuwait on High Risk Complex Left Main Intervention**
Lecturers: Pablo Dario Charry Amaya
- 4:01 PM **Roundtable Discussion With Audience QA**
- 4:06 PM **Malaysia Presents to Ukraine: Primary PCI in STEMI Patient With Aneurysmal CAD and Extensive Thrombus With Case Studies**
Case Presenter: Wan Azman Wan Ahmad
- 4:14 PM **Informal Comments: Ukraine Responds to Malaysia on Complex Primary PCI in STEMI**
Lecturers: Liliya Sorokhtey
- 4:18 PM **Roundtable Discussion With Audience QA**
- 4:23 PM **Colombia Presents to Egypt: Unexpected PCI Complications With Case Studies**
Case Presenter: Jorge Villegas
- 4:31 PM **Informal Comments: Egypt Responds to Columbia on Unexpected PCI Complications**
Lecturers: Adel El Etriby
- 4:35 PM **Roundtable Discussion With Audience QA**
- 4:40 PM **Ukraine Presents to Kuwait: How to Manage Huge Thrombus in STEMI With Case Studies**
Case Presenter: Maxim Sokolov
- 4:48 PM **Informal Comments: Kuwait Responds to Ukraine on Management of Extensive Thrombus During STEMI PCI**
Lecturers: Mohammad Al-Mutairi
- 4:52 PM **Roundtable Discussion With Audience QA**
- 4:57 PM **Wrap up and Take home Messages**
Lecturers: Ahmed Magdy

INTERNATIONAL SESSION: PCI 2018 - ARE WE DOING THINGS BETTER THAN WE DID 10 YEARS AGO? PRESENTED BY SOUTH AFRICAN SOCIETY OF CARDIOVASCULAR INTERVENTION(SASCI), ISRAELI WORKING GROUP FOR INTERVENTIONAL CARDIOLOGY, ITALIAN SOCIETY OF INVASIVE CARDIOLOGY (GISE), AND IRELAND CARDIAC SOCIETY

SATURDAY, SEPTEMBER 22, 2018

3:30 PM - 5:00 PM

Room 24C, Upper Level

Accreditation: CME,MOC

3:30 PM - 5:00 PM

PCI 2018: Are We Doing things Better Than We Did 10 Years Ago?

Moderators: David Burke, Graham A. Cassel, Haim Danenberg, Giuseppe Tarantini

Discussants: Yaron Almagor, Riaz S Dawood, Ariel Finkelstein, Jacopo A. Oreglia, Italo Porto

- 3:30 PM **Session Objectives: Challenges and Innovations in the Treatment of Complex Coronary Lesions**
Lecturers: Haim Danenberg
- 3:33 PM **Israel Presents a Case: Complex Left Main Coronary Lesion Ready for PCI**
Case Presenter: Yaron Almagor
- 3:41 PM **Roundtable Discussion With Audience QA**
- 3:47 PM **Italy Presents a Case: True Bifurcation Lesion Have We Gotten Any Better**
Case Presenter: Italo Porto
- 3:55 PM **Roundtable Discussion With Audience QA**
- 4:01 PM **Ireland Presents a Case: An Intermediate Lesion How to Make the Right Decision**
Case Presenter: David Burke
- 4:09 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **Israel Presents a Case: A Highly Calcified Lesion Can We Beat the Concrete**
Case Presenter: Ariel Finkelstein
- 4:23 PM **Roundtable Discussion With Audience QA**
- 4:29 PM **Italy Presents a Case: CTO PCI Whats New**
Case Presenter: Jacopo A. Oreglia
- 4:37 PM **Roundtable Discussion With Audience QA**
- 4:43 PM **South Africa Presents a Case: High Thrombus Burden How to Treat Without Extending the Damage**
Case Presenter: Riaz S Dawood
- 4:51 PM **Roundtable Discussion With Audience QA**
- 4:57 PM **Closing Remarks and Take home messages**
Lecturers: Giuseppe Tarantini

ORAL ABSTRACT SESSIONS

ORAL ABSTRACTS: HIGHEST PEER-REVIEWED ORAL ABSTRACTS OF TCT 2018 - SPONSORED BY CCI AND EUROINTERVENTION

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 10:30 AM

Room 29A-B, Upper Level

Accreditation: CME,MOC

8:30AM - 10:30 AM

Highest Peer-Reviewed Oral Abstracts of TCT 2018 - Sponsored by CCI and EuroIntervention

Moderators: Steven R. Bailey, Patrick W. Serruys

Discussants: Michael J. Cowley, George D. Dangas, Vasim Farooq, Marc D. Feldman, Ted Feldman, Glenn Van Langenhove

- 8:30 AM **TCT 1: Optimal Duration of Dual Antiplatelet Therapy After Left Main Coronary Stenting With Everolimus Eluting Stents: Analysis From the EXCEL Trial**
Lecturers: Sorin J. Brener
- 8:40 AM **Roundtable Discussion with Audience QA**
- 8:45 AM **TCT 2: DeepIVUS: A Machine Learning Framework for Fully Automatic IVUS Segmentation**
Lecturers: David Molony
- 8:55 AM **Roundtable Discussion with Audience QA**
- 9:00 AM **TCT 3: The Lutonix Global Drug Coated Balloon Registry Real World Patients With Below the Knee Disease Interim 12 Month Outcomes**
Lecturers: Steve Henao
- 9:10 AM **Roundtable Discussion with Audience QA**
- 9:15 AM **TCT 4: Reduction of Stroke With Use of the Double Filter Cerebral Embolic Protection Device in Patients Undergoing Transfemoral Aortic Valve Replacement With Self Expandable Mechanically Implantable And Balloon Expandable Aortic Valves**
Lecturers: Julia Seeger
- 9:25 AM **Roundtable Discussion with Audience QA**
- 9:30 AM **TCT 5: Long term Preclinical in Vivo Results With a Restorative Aortic Valve**
Lecturers: Christian M. Spaulding
- 9:40 AM **Roundtable Discussion with Audience QA**
- 9:45 AM **TCT 6: The CENTER Collaboration: Outcomes in Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation With Balloon Expandable Valves versus Self Expandable Valves.**
Lecturers: Ronak Delewi
- 9:55 AM **Roundtable Discussion with Audience QA**
- 10:00 AM **TCT 7: Predictors and Outcomes of Aborted Procedures During Elective Transcatheter Aortic Valve Replacement**
Lecturers: Jennifer Rymer
- 10:10 AM **Roundtable Discussion with Audience QA**
- 10:15 AM **TCT 8: Fate Of Deferred Lesions Using State Of Art Percutaneous Coronary Revascularization In Patients With De Novo Three Vessel Disease: Lesion Level Analysis At 2 Years Of The SYNTAX II Study**
Lecturers: Norihiro Kogame
- 10:25 AM **Roundtable Discussion with Audience QA**

POSTER ABSTRACT SESSIONS

MODERATED POSTER SESSION: ABSORB BIORESORBABLE VASCULAR SCAFFOLD STUDIES

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30AM - 9:30 AM

ABSORB Bioresorbable Vascular Scaffold Studies

Moderators: Detlef G. Mathey, Yoshinobu Onuma

Discussants: Rafa Depukat, Vasim Farooq, Juan Luis Gutierrez-Chico, Ulf Landmesser, Matthias Lutz

- 8:30 AM **TCT 156: The Absorb Bioresorbable Vascular Scaffolds Demonstrate Lower Wall Shear Stress Compared to Metallic Xience V Interim Analysis From the ABSORB III Imaging Study**
Lecturers: Arnav Kumar
- 8:37 AM **Discussion**
- 8:42 AM **TCT 157: Pathological Vascular Healing Following Complex Interventions With the Absorb Bioresorbable Vascular Scaffold**
Lecturers: Johan R Bennett
- 8:49 AM **Discussion**
- 8:54 AM **TCT 158: Post implantation Strut Protrusion and Neointimal Thickness at Follow Up in Absorb Bioresorbable Scaffold: a Serial Shear Stress Analysis Up to Five Years**
Lecturers: Erhan Tenekecioglu
- 9:01 AM **Discussion**
- 9:06 AM **TCT 159: Endothelial Shear Stress and Local Viscosity Assessment of Coronary Bioresorbable Scaffold A Five Year Follow Up**
Lecturers: Erhan Tenekecioglu
- 9:13 AM **Discussion**
- 9:18 AM **TCT 160: Attenuated Signal Plaque and Long Term Vessel Response After Bioresorbable Scaffold Implantation: IVUS Insights From the ABSORB Japan Trial**
Lecturers: Kozo Okada
- 9:25 AM **Discussion**

MODERATED POSTER SESSION: ACUTE KIDNEY INJURY DURING PERCUTANEOUS INTERVENTIONS (PCI OR TAVR) I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30AM - 9:30 AM

Acute Kidney Injury During Percutaneous Interventions (PCI or TAVR) I

Moderators: Antonio L. Bartorelli, Eugenia Nikolsky

Discussants: Ziad A. Ali, Julia Baron, Wolfgang Bocksch, Carlo Briguori, Graham A. Cassel, Jose de Ribamar Costa Jr, Hitinder S. Gurm, John A. Spertus

- 8:30 AM **TCT 126: Percutaneous Coronary Intervention of Chronic Total Occlusions Is Not Associated With a Higher Risk for Contrast Induced Nephropathy Compared to Revascularization of Non Occlusive Stenoses**
Lecturers: Ozan Demir
- 8:37 AM **Discussion**
- 8:42 AM **TCT 127: Platelet to Lymphocyte Ratio Neutrophil to Lymphocyte Ratio and Red Cell Distribution Width As Predictors of Contrast Induced Acute Kidney Injury Following Coronary Angiography**
Lecturers: Jayakumar Sreenivasan
- 8:49 AM **Discussion**
- 8:54 AM **TCT 128: Contrast Induced Acute Kidney Injury After Percutaneous Coronary Intervention: Comparison of Five Contrast Media**
Lecturers: Lorenzo Azzalini
- 9:01 AM **Discussion**
- 9:06 AM **TCT 129: Efficacy of Urinary Liver Type Fatty Acid Binding Protein Level for Patients With Acute Kidney Injury Following Coronary Angiography in Acute Coronary Syndrome**
Lecturers: Keisuke Kojima
- 9:13 AM **Discussion**
- 9:18 AM **TCT 130: The Routine Use of an Iso Osmolar Contrast Medium and the Occurrence of Acute Kidney Injury Following Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction**
Lecturers: Tim Kinnaird
- 9:25 AM **Discussion**

Lecturers: Amir Azarbal

8:49 AM **Discussion**

8:54 AM **TCT 123: Impact of Delirium on TAVR Outcomes**
Lecturers: Brett Hiendlmayr

9:01 AM **Discussion**

9:06 AM **TCT 124: Impact of Level of Anaesthesia Using the Vancouver Clinical Pathway for Transcatheter Aortic Valve Replacement: Insights From the 3M TAVR Study**
Lecturers: Janarthanan Sathanathan

9:13 AM **Discussion**

9:18 AM **TCT 125: Evaluation of EKG Gated and Dual Source Accelerated Computed Tomography Imaging Protocols for Transcatheter Aortic Valve Sizing**
Lecturers: Nikolaos Kakourous

9:25 AM **Discussion**

MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME, MOC

MODERATED POSTER SESSION: BEST OF MODERATED TAVR POSTER ABSTRACTS I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME, MOC

8:30 AM - 9:30 AM

Best of Moderated TAVR Poster Abstracts I

Moderators: John C. Messenger, Vinod H. Thourani

Discussants: Hemal Gada, Aaron Horne, Jr., Zoltan G. Turi, Wei-Hsian Yin, Karol Zbronski

8:30 AM **TCT 121: a Highly Predictive Model for New Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement With Contemporary Self Expanding Valves: Importance of the Membranous Septum Length**
Lecturers: Zhen-Gang Zhao

8:37 AM **Discussion**

8:42 AM **TCT 122: Acute Kidney Recovery After Transcatheter Aortic Valve Replacement: a Report From the Northern New England Cardiovascular Disease Study Group**

8:30 AM - 9:30 AM

Catheter-based Treatment of Peripheral Vascular Disease I

Moderators: Mark C. Bates, William A. Gray

Discussants: Jeffrey G. Carr, Alejandro Goldsmit, Beau Hawkins, Schuyler Jones

8:30 AM **TCT 131: Hemopericardium and Cardiac Tamponade As a Complication of Vena Caval Filters: Systematic Review of Published Literature and the MAUDE Database**
Lecturers: Behnood Bikdeli

8:37 AM **Discussion**

8:42 AM **TCT 132: Balloon Expandable ePTFE Covered Stent for Obstructive Lesions in the Iliac Artery: 24 Month Results From the BOLSTER Trial**
Lecturers: Georgios Bouras

8:49 AM **Discussion**

8:54 AM **TCT 133: Thirty Day Readmissions After Medical vs Endovascular Therapy for Atherosclerotic Renal Artery Stenosis Insights From the National Readmissions Database**
Lecturers: David Louis

9:01 AM **Discussion**

9:06 AM **TCT 134: Urinary Leukotriene E4 Innovative Tool in Prognosing Recurring Restenosis in Patients Undergoing Endovascular Treatment Due to Lower Limb Ischemia**
Lecturers: Mikolaj Maga

- 9:13 AM Discussion
- 9:18 AM **TCT 135: Impact of Clinical Frailty in Patients With Peripheral Artery Disease: From I PAD Registry**
Lecturers: Tomoaki Mochidome
- 9:25 AM Discussion

MODERATED POSTER SESSION: COMORBIDITIES IN CAD I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:18 AM

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME, MOC

8:30 AM - 9:18 AM

Comorbidities in CAD - I

Moderators: Andrea Abizaid, Carl L. Tommaso

Discussants: Rasha Al-Lamee, Mesfer Alfadhel, Mark Goldberger, Rajiv Gulati, Michel R. Le May

- 8:30 AM **TCT 147: High Wattage Electronic Cigarette Vaping After Coronary Stenting Induces Arterial Hypoxemia: a Randomized Clinical Trial**
Lecturers: Nadia Debbas
- 8:37 AM Discussion
- 8:42 AM **TCT 148: An International Analyses of 122610 NSTEMI Patients With 5 Year Outcomes: Assessing the influence of Age and Comorbidities on invasively Vs Medically Managed Patients Between 2004 and 2014**
Lecturers: Philip Freeman
- 8:49 AM Discussion
- 8:54 AM **TCT 149: The Effect of Chronic Obstructive Pulmonary Disease on Patients With Non ST Segment Elevation Myocardial Infarction a 2014 Nationwide Analysis**
Lecturers: Mariam Khandaker
- 9:01 AM Discussion
- 9:06 AM **TCT 150: Cardiovascular Disease and Percutaneous Coronary Intervention in Hematological Malignancies Knowledge Is Power**
Lecturers: David Boone
- 9:13 AM Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level
Accreditation: CME, MOC

8:30 AM - 9:30 AM

Intracoronary Physiology Studies I

Moderators: Colin Berry, Robert J. Gil

Discussants: Takashi Akasaka, Joo Myung Lee, Giampaolo Niccoli, Hidetaka Nishina, Sayan Sen

- 8:30 AM **TCT 151: Instantaneous Wave Free Ratio/Fractional Flow Reserve Discordance Is the Wave Free Period Truly Wave Free**
Lecturers: Mark Mills

8:37 AM Discussion

- 8:42 AM **TCT 152: Clinical Predictors of Discordance Between instantaneous Wave Free Ratio and Fractional Flow Reserve**
Lecturers: Hidekuni Kirigaya

8:49 AM Discussion

- 8:54 AM **TCT 153: Reducing the Need for Invasive Pressure Wire Assessment in Patients Using a Novel Angiographic Scoring Tool**
Lecturers: Michael Michail

9:01 AM Discussion

- 9:06 AM **TCT 154: Diagnostic Accuracy of iFR vs FFR in the Left vs Right Coronary Artery**
Lecturers: Ankita Gore

9:13 AM Discussion

- 9:18 AM **TCT 155: The FFRiFR Discrepancies and Their Possible Reasons Findings From the Czech Japan FFRiFR Registry**
Lecturers: Ales Kral

9:25 AM Discussion

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level
Accreditation: CME, MOC

8:30 AM - 9:30 AM

TAVR Risk Stratification and Outcomes I

Moderators: Martina Kelly Speight, Corrado Tamburino

Discussants: Karim Al-Azizi, Holger M. Nef, Elizabeth M. Perpetua, Alexey Protopopov, Toby Rogers, Amit Segev

- 8:30 AM **TCT 141: One Year Readmissions After Transcatheter Aortic Valve Implantation**
Lecturers: Mourad Senussi

8:37 AM Discussion

- 8:42 AM **TCT 142: Thirty Day Readmissions After Early vs Delayed Discharge for Transcatheter Aortic Valve Replacement Insights From the Nationwide Readmissions Database**
Lecturers: Mohamed Omer

8:49 AM Discussion

- 8:54 AM **TCT 143: Higher Institutional TAVR Volume Reduces Index Mortality But Does Not Impact Readmission Outcomes**
Lecturers: Hanning Xing

9:01 AM Discussion

- 9:06 AM **TCT 144: Impact of Baseline Left Ventricular Ejection Fraction on Clinical Outcomes Following Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis**
Lecturers: Osung Kwon
- 9:13 AM **Discussion**
- 9:18 AM **TCT 145: Nonagenarians With Severe Aortic Stenosis Have Comparable Mortality Outcomes At One Year Compared to Non Nonagenarians With Severe Aortic Stenosis Post TAVR**
Lecturers: Khader Herzallah
- 9:25 AM **Discussion**

MODERATED POSTER SESSION: TECHNICAL ASPECTS OF CTO INTERVENTIONS I

SATURDAY, SEPTEMBER 22, 2018

8:30 AM - 9:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

8:30AM - 9:30 AM

Technical Aspects of CTO Interventions I

Moderators: Margaret B. McEntegart, Sunao Nakamura

Discussants: Devang Maheshchandra Desai, Lei Ge, Paul Knaapen, Marin Postu, Alexandre Schaan Quadros, Sudhir Rathore

- 8:30 AM **TCT 136: Impact of Switch Time Between CTO Crossing Strategies**
Lecturers: Oleg Krestyaninov
- 8:37 AM **Discussion**
- 8:42 AM **TCT 137: Five Year Clinical Outcomes for Resolute Zotarolimus Eluting Stents in Total Occlusions**
Lecturers: Sigmund Silber
- 8:49 AM **Discussion**
- 8:54 AM **TCT 138: Comparison Between Traditional and Guide Catheter Extension Reverse Cart Insights From the Progress CTO Registry**
Lecturers: Iosif Xenogiannis
- 9:01 AM **Discussion**
- 9:06 AM **TCT 139: Use of Atherectomy in Chronic Total Occlusion Intervention: Insights From the PROGRESS CTO Registry**
Lecturers: Iosif Xenogiannis
- 9:13 AM **Discussion**
- 9:18 AM **TCT 140: Long Term Clinical Outcomes After Stent Implantation in Chronic Total Occlusion Lesions: Impact of First Generation vs Second Generation Drug Eluting Stents**
Lecturers: Hiroyuki Tanaka
- 9:25 AM **Discussion**

MODERATED POSTER SESSION: BEST OF MODERATED PCI POSTER ABSTRACTS I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

9:30AM - 10:18 AM

Best of Moderated PCI Poster Abstracts I

Moderators: David F. Kong, Stefan Mot

Discussants: Antonio Fiarresga, Ning Guo, Javaid Iqbal, Fahim Haider Jafary, Hossam I. Kandil, Talib Majwal

- 9:30 AM **TCT 166: Predictors of Target Lesion Revascularization After Implantation of Second Generation Drug Eluting Stents in Randomized Trials and the Real world Analysis From Two Large Datasets**
Lecturers: Behnood Bikdeli
- 9:37 AM **Discussion**
- 9:42 AM **TCT 167: In Hospital Outcomes of Using the Hybrid Approach of Percutaneous Coronary Interventions for Chronic Total Occlusions: Update From the PROGRESS CTO PROspective Global REgistry for the Study of Chronic Total Occlusion Intervention International**
Lecturers: Peter Tajti
- 9:49 AM **Discussion**
- 9:54 AM **TCT 169: Serial 3 Dimensional Optical Coherence tomography Assessment of Jailed Side Branch By Second Generation Drug Eluting Absorbable Metal Scaffold DREAMS 2G in BIOSOLVE II Trial**
Lecturers: Yuichi Ozaki
- 10:01 AM **Discussion**
- 10:06 AM **TCT 170: Impact of Rate of Recruitment on All Cause Mortality: Insights From the GLOBAL LEADERS All Comers Trial**
Lecturers: Kuniaki Takahashi
- 10:13 AM **Discussion**

MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

9:30AM - 10:30 AM

Cardiogenic Shock and Ventricular Assist I

Moderators: Bernadette S. Speiser, David X. Zhao

Discussants: Brian Clapp, David D Israeli, Michael J. Lim, John A. McPherson

- 9:30 AM **TCT 176: Catheter Based Percutaneous Left Ventricular Assist Device Deactivation A Case Series From a Tertiary Care Center**
Lecturers: Arif Albulushi
- 9:37 AM **Discussion**
- 9:42 AM **TCT 177: Comparison of Percutaneous and Surgical Right Ventricular Assist Device Support Following Durable Left Ventricular Assist Device insertion**
Lecturers: Ellie Coromilas
- 9:49 AM **Discussion**
- 9:54 AM **TCT 178: Temporal Trends in the Utilization of Right Heart Catheterization RHC Among Recipients of Percutaneous Ventricular Assist Device PVAS in Acute Myocardial Infarction Complicated By Cardiogenic Shock AMI CS**
Lecturers: Nikhil Nalluri
- 10:01 AM **Discussion**
- 10:06 AM **TCT 179: Trends and Outcomes in the Treatment of Cardiogenic Shock and Use of Mechanical Circulatory Support in the United States**
Lecturers: Jad Omran
- 10:13 AM **Discussion**
- 10:18 AM **TCT 180: Incidence and Outcomes of Cardiogenic Shock Complicating Inferior vs Anterior ST Elevation Myocardial Infarction**
Lecturers: Michael Weinreich
- 10:25 AM **Discussion**

MODERATED POSTER SESSION: CHRONIC PULMONARY EMBOLISM AND PULMONARY HYPERTENSION

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Chronic Pulmonary Embolism and Pulmonary Hypertension

Moderators: Nick H. Kim, Peter P. Monteleone

Discussants: Daniel R. Bensimhon, Teresa L. Carman, Mahir Elder, J. Stephen Jenkins, Thomas M. Tu

- 9:30 AM **TCT 161: Endovascular Device to Improve Pulmonary Arterial Compliance in Pulmonary Arterial Hypertension**
Lecturers: Irene M. Lang
- 9:37 AM **Discussion**
- 9:42 AM **TCT 162: Feasibility of Chronic Total Occlusion Recanalization During Balloon Pulmonary Angioplasty**
Lecturers: Sanjum S Sethi
- 9:49 AM **Discussion**
- 9:54 AM **TCT 163: The Analysis of Safety and Effectiveness of Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension Which Has indication for Surgical Therapy**

Lecturers: Shun Minatsuki

- 10:01 AM **Discussion**
- 10:06 AM **TCT 164: Balloon Pulmonary Angioplasty for Total Occlusion Lesions: the Success Rate and Long Term Patency Rates Depends on the Difficulty in Penetrating the Guide Wire of the Occlusion Site**
Lecturers: Hiroto Shimokawahara
- 10:13 AM **Discussion**
- 10:18 AM **TCT 165: Safety of Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension Initial Single Center United States Experience**
Lecturers: Alessandro Maalo
- 10:25 AM **Discussion**

MODERATED POSTER SESSION: CORONARY CALCIFICATION I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Coronary Calcification I

Moderators: Dean J. Kereiakes, Gert Richardt

Discussants: Akram Ibrahim, Adam Janas, Nish Patel

- 9:30 AM **TCT 185: Glasgow Rotational Atherectomy Efficiency GRACE Study: Safety of a Minimalist Approach**
Lecturers: Tom J Ford
- 9:37 AM **Discussion**
- 9:42 AM **TCT 186: Determinants of Poor In Hospital Clinical Success of Rotational Atherectomy**
Lecturers: Piotr Kubler
- 9:49 AM **Discussion**
- 9:54 AM **TCT 187: Periprocedural Complications and Procedural Effectiveness in Diabetics and Non Diabetics Treated With Percutaneous Coronary Interventions and Rotablation**
Lecturers: Rafa Januszek
- 10:01 AM **Discussion**
- 10:06 AM **TCT 188: Culprit Lesion Harboring Calcified Nodule Predicts A Higher Target Lesion Revascularization Rate After PCI With 2Nd generation Drug Eluting Stent in ACS Patients: Findings From Serial Coronary Angiography Study**
Lecturers: Hiroki Sugane
- 10:13 AM **Discussion**
- 10:18 AM **TCT 189: Extending Application of Intravascular Lithotripsy to A High Risk Real World Population**
Lecturers: Julian Yeoh

MODERATED POSTER SESSION: DES VS DES I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

DES vs DES I

Moderators: Salvatore Cassese, John A. Ormiston

Discussants: Sripal Bangalore, Giuseppe De Luca, Verghese Mathew, Duk-Woo Park

9:30 AM **TCT 195: Ultrathin Bioresorbable Polymer Sirolimus Eluting Stents vs Thin Durable Polymer Everolimus Eluting Stents in Patients Undergoing Coronary Revascularization: Two Year Outcomes From the Randomized BIOFLOW V Trial**

Lecturers: David E. Kandzari

9:37 AM **Discussion**

9:42 AM **TCT 196: Biodegradable vs Polymer Free Drug Eluting Stents for the Treatment of Coronary Artery Disease: A Meta Analysis of Randomized Controlled Trials**

Lecturers: Jason Nogie

9:49 AM **Discussion**

9:54 AM **TCT 197: Early Vascular Healing After Implantation of A Biolimus Coated Biofreedom Stent Or A Sirolimus Eluting Orsiro Stent in Patients With ST Segment Elevation Myocardial Infarction**

Lecturers: Kirstine Hansen

10:01 AM **Discussion**

10:06 AM **TCT 198: Comparing Long Term Outcomes of First Generation and Second Generation Drug Eluting Stents in Patients With Coronary Artery Disease**

Lecturers: Parth Parikh

10:13 AM **Discussion**

10:18 AM **TCT 199: Comparison of Ridaforolimus Eluting and Zotarolimus Eluting Coronary Stents in Patients With Long Lesions: 1 Year Outcomes From the Randomized BIONICS Trial**

Lecturers: David E. Kandzari

10:25 AM **Discussion**

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING, PCI, AND LONG-TERM OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

Intravascular Imaging, PCI, and Long-term Outcomes I

Moderators: Massoud A. Leesar, Jose M. de la Torre Hernandez

Discussants: David Erlinge, Anand M Rao, Takafumi Ueno

9:30 AM **TCT 190: Comparison of Mid Term Clinical Outcomes Between Optimal Frequency Domain Imaging Guided and intravascular Ultrasound Guided Percutaneous Coronary Intervention With 2Nd Generation Drug Eluting Stents in Stable Angina Pectoris**

Lecturers: Hiroaki Matsuda

9:37 AM **Discussion**

9:42 AM **TCT 191: Impact of Post Procedural Minimal Stent Area By IVUS on 2 Year Outcome After PCI in the SYNTAX II Trial**

Lecturers: Yuki Katagiri

9:49 AM **Discussion**

9:54 AM **TCT 193: The Effect of Plaque Type on Strut Embedment Protrusion and Shear Stress in Bioresorbable Scaffold: Is There a New Horizon for Bioresorbable Scaffolds**

Lecturers: Erhan Tenekecioglu

10:01 AM **Discussion**

10:06 AM **TCT 194: Impact of Intravascular Imaging Methods for Optimal Scaffold Implantation Reducing Thrombosis After Absorb BVS in A Real World Setting: Identification of Probable Factors Related to Stent Failure**

Lecturers: Sergio Tarbine

10:13 AM **Discussion**

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN ENDOVASCULAR AND STRUCTURAL HEART DISEASE AND INTERVENTION I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

Racial and Gender Disparities in Endovascular and Structural Heart Disease and Intervention I

Moderators: Julie Logan, Molly Szerlip

Discussants: Tyrone J. Collins, Karim El Chilali, Giovanni Esposito

9:30 AM **TCT 171: Time Course of the Survival Advantage of Transcatheter Over Surgical Aortic Valve Replacement Interplay Between Sex and Patient Risk Profile**

Lecturers: Giulia Masiero

9:37 AM **Discussion**

9:42 AM **TCT 172: Aortic Valvar Complex and Cardiac Anatomy Gender Related Differences in Patients Undergoing Transcatheter Aortic Valve Replacement**

Lecturers: Danielle Sin

9:49 AM Discussion

9:54 AM **TCT 173: Racial Disparities in Patients Undergoing Transcatheter Aortic Valve Replacement Insights of the Healthcare Cost and Utilization Projects National inpatient Sample**

Lecturers: Dagmar Hernandez-Suarez

10:01 AM Discussion

10:06 AM **TCT 174: Comparison of Procedural and 18 Month Outcomes of Endovascular Device Intervention in Men vs Women With Critical Limb Ischemia Subanalysis of the LIBERTY 360 Study**

Lecturers: Jihad Mustapha

10:13 AM Discussion

10:18 AM **TCT 175: Racial Disparities in Procedural Complications After Transcatheter Aortic Valve Replacement TAVR A Retrospective Single Center Case Control Study**

Lecturers: Nidal Ganim

10:25 AM Discussion

MODERATED POSTER SESSION: TAVR TECHNIQUES AND OUTCOMES I

SATURDAY, SEPTEMBER 22, 2018

9:30 AM - 10:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:18 AM

TAVR Techniques and Outcomes I

Moderators: Somjot S. Brar, Ethan C Korngold

Discussants: Santiago Garcia, Kishore J. Harjai, Thomas Hovasse, Michael Kang-Yin Lee

9:30 AM **TCT 181: Early Changes in Quality of Life After Transcatheter Aortic Valve Replacement: Results From the 3M TAVR Trial**

Lecturers: Sandra Lauck

9:37 AM Discussion

9:42 AM **TCT 182: Outlook of Patients Undergoing Transcatheter Aortic Valve Implantation After Prior Balloon Aortic Valvuloplasty Insights From the Multicenter Rispeva Trial**

Lecturers: Giuseppe Biondi-Zoccai

9:49 AM Discussion

9:54 AM **TCT 183: TAVR Patients Consenting to Study Participation Are Healthier Than Those Who Do Not**

Lecturers: Jeroen Vendrik

10:01 AM Discussion

10:05 AM **TCT 497: Predictors of Post Dilatation After Self Expanding Transcatheter Aortic Valve Replacement Large Single Center Experience**

Lecturers: Run Du

10:13 AM Discussion

MODERATED POSTER SESSION: ACUTE AND LONG-TERM CABG RESULTS

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30 AM - 11:30 AM

Acute and Long-term CABG Results

Moderators: Alfredo Trento, Pascal Vranckx

10:30 AM **TCT 205: Incidence Predictors and Outcomes of Urgent Percutaneous Coronary Intervention Following Coronary Artery Bypass Grafting**

Lecturers: Fahad Alqahtani

10:37 AM Discussion

10:42 AM **TCT 206: Hybrid Coronary Revascularization vs Coronary Artery Bypass Graft Surgery in Patients With Multivessel Coronary Artery Disease: A Meta Analysis**

Lecturers: Ziad Sayedahmad

10:49 AM Discussion

10:54 AM **TCT 207: Intraoperative Optical Coherence Tomography as a New Modality to Determine Coronary Artery Bypass Graft Patency Our First Experience**

Lecturers: Vladimir Losev

11:01 AM Discussion

11:06 AM **TCT 208: Results and Practical Value of Intraoperative Bypass Angiography in Surgical Myocardial Revascularization**

Lecturers: Olga Bockeria

11:13 AM Discussion

11:18 AM **TCT 209: Comparison of Rates and Causes of 30 Day Readmissions After Coronary Artery Bypass Graft vs Percutaneous Transluminal Coronary Angioplasty**

Lecturers: Sushruth Edla

11:25 AM Discussion

MODERATED POSTER SESSION: CAROTID STENTING, STROKE PREVENTION, AND ACUTE STROKE INTERVENTION

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30 AM - 11:30 AM

Carotid Stenting, Stroke Prevention, and Acute Stroke intervention

Moderators: Bernhard Reimers, Christopher J. White

Discussants: Fayaz Shawl, Adnan Siddiqui, Paul D. Varosy

- 10:30 AM **TCT 210: 3Year Experience With Cath Lab Based Acute Stroke Rescue Program in a Community Hospital**
Lecturers: Steven Guidera
- 10:37 AM **Discussion**
- 10:42 AM **TCT 211: Technical Success of Acute Stroke Interventions Performed By Cardiologists Single Center Experience**
Lecturers: Marius Hornung
- 10:49 AM **Discussion**
- 10:54 AM **TCT 212: Noninvasive Device for Cerebral Protection From Embolic Stroke : Should Carotid Compression Become A Standard of Care**
Lecturers: Michael Zhadkevich
- 11:01 AM **Discussion**
- 11:06 AM **TCT 215: Deep Loop Technique for Stenting of LICA Using Transbrachial Approach Single Centre Experience**
Lecturers: Zoran Stankov
- 11:13 AM **Discussion**

MODERATED POSTER SESSION: LEFT ATRIAL APPENDAGE CLOSURE

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30AM - 11:30 AM

Left Atrial Appendage Closure

Moderators: Shephal Doshi, Apostolos Tzikas

Discussants: Mohamad Adnan Alkhouli, Simon Cheung-chi Lam, Jai-Wun Park, Muhamed Saric

- 10:30 AM **TCT 200: Surgical Left Atrial Appendage Occlusion During Cardiac Surgery: A Systematic Review and Meta Analysis**
Lecturers: Mark Terence Mujer
- 10:37 AM **Discussion**
- 10:42 AM **TCT 201: Discharge Antithrombotic Medication and Clinical Events Through 1 Year in the Global Amulet Observational Study**
Lecturers: David Hildick-Smith
- 10:49 AM **Discussion**
- 10:54 AM **TCT 202: Efficacy and Safety of Aspirin MonoTherapy After Left Atrial Appendage Occlusion to Prevent Device Related Thrombus Stroke and Major Bleeding**
Lecturers: Kasper Korsholm
- 11:01 AM **Discussion**
- 11:06 AM **TCT 203: Incidence and Clinical Impact of Device Related Thrombus After Percutaneous Left Atrial Appendage Occlusion A Meta Analysis**
Lecturers: Mohammed Osman

- 11:13 AM **Discussion**
- 11:18 AM **TCT 204: Role of Different Antithrombotic Regimens After Percutaneous Left Atrial Appendage Occlusion: A Large Single Center Experience**
Lecturers: Alessandra Laricchia
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: LONG-TERM DES STUDIES

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30AM - 11:30 AM

Long-term DES Studies

Moderators: R. Stefan Kiesz, Michael J. Rinaldi

Discussants: Peter L Duffy, Mohamed Ali Elsalamony, Yasunori Ueda

- 10:30 AM **TCT 236: Long Term 8 13 Year Clinical Outcomes After Drug Eluting Stenting in Routine Clinical Practice**
Lecturers: Stephen G. Ellis
- 10:37 AM **Discussion**
- 10:42 AM **TCT 237: Long Term 8 13 Year Clinical Outcomes in Pre Diabetics After Drug Eluting Stenting: More Like Diabetics Or Non Diabetics**
Lecturers: Stephen G. Ellis
- 10:49 AM **Discussion**
- 10:54 AM **TCT 238: Comparing 3 Year Outcomes Between Medical Therapy and Percutaneous Revascularisation for the Surgically Ineligible Cohort**
Lecturers: Avedis Ekmejian
- 11:01 AM **Discussion**
- 11:06 AM **TCT 239: Impact of Post Stenting Balloon Dilatation on 5 Year Clinical Outcomes in Patients With Acute Coronary Syndrome Underwent Percutaneous Coronary Intervention**
Lecturers: Ji Young Park
- 11:13 AM **Discussion**
- 11:18 AM **TCT 240: Long Term 5 to 7 Years Clinical Outcomes After Cobalt Chromium Everolimus Eluting Stent Implantation**
Lecturers: Shoichi Kuramitsu
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30AM - 11:30 AM

Machine Learning and Artificial Intelligence

Moderators: Justin E. Davies, James K. Min

Discussants: Steven L. Almany, Tetsuya Amano, Andrew J. Einstein, Rob Gropler, Brahim Harbou, Seiichi Hiramori

- 10:30 AM **TCT 231: An Artificial Intelligence Based Solution for Fully Automated Cardiac Phase and End Diastolic Frame Detection on Coronary Angiographies**
Lecturers: Lucian Itu
- 10:37 AM **Discussion**
- 10:42 AM **TCT 232: Diagnostic Accuracy of Machine Learned Algorithms Utilizing a Novel Form of Cardiac Phase Tomography Cpst vs Single Photon Emission Tomography Spect in the Assessment of Cad**
Lecturers: Thomas D. Stuckey
- 10:49 AM **Discussion**
- 10:54 AM **TCT 233: Machine Learned Algorithms Utilizing Novel Tomography for Evaluating Coronary Artery Disease**
Lecturers: Thomas D. Stuckey
- 11:01 AM **Discussion**
- 11:06 AM **TCT 234: Machine Learning Outperforms ACCAHA CVD Risk Calculator in MESA New Opportunities for Short Term Risk Prediction and Early Detection of the Vulnerable Patient**
Lecturers: Morteza Naghavi
- 11:13 AM **Discussion**
- 11:18 AM **TCT 235: Intelligent Recognition of Coronary Angiography By Deep Learning Technology: A Novel Computer Aided Diagnostic System**
Lecturers: Tianming Du

MODERATED POSTER SESSION: MINIMALIST APPROACH TO TAVR I

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:18 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

10:30AM - 11:18 AM

Minimalist Approach to TAVR I

Moderators: Bernard R. Chevalier, Helene Eltchaninoff

Discussants: Suzanne V. Arnold, Wolfgang Bocksch, Reda Ibrahim

- 10:30 AM **TCT 221: Comparison of Transfemoral Transcatheter Aortic Valve Replacement Performed With A Simplified Protocol: Fast TAVR vs Standard Approach**
Lecturers: Grégoire Lefèvre
- 10:37 AM **Discussion**

- 10:42 AM **TCT 222: Safety and Feasibility of An Early Ambulation Protocol After Transfemoral Transcatheter Aortic Valve Implantation: Results of the Early Mobilisation After Tf TAVI MobiTAVI Trial**
Lecturers: Jeroen Vendrik

10:49 AM **Discussion**

- 10:54 AM **TCT 223: Efficacy and Safety of Transfemoral Transcatheter Aortic Valve Replacement Under General Anesthesia vs Local Anesthesia Insights From Trytom Registry International Multicenter Latin American Registry**
Lecturers: Marcelo Abud

11:01 AM **Discussion**

- 11:06 AM **TCT 225: Impact of Frailty on a Minimalist Approach and Early Discharge Following TAVR: Insights From the 3M TAVR Study**
Lecturers: Janarthanan Sathanathan

11:13 AM **Discussion**

MODERATED POSTER SESSION: NON-LM BIFURCATION INTERVENTION I

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

10:30AM - 11:30 AM

Non-LM Bifurcation Intervention I

Moderators: Francesco Burzotta, Yves R. Louvard

Discussants: Waqar H. Ahmed, Ahmed Magdy, Fazila T. Malik, Holger M. Nef

- 10:30 AM **TCT 216: Comparison Between TAP and Double Kissing Crush Techniques: Optical Coherence Tomography and Computational Flow Reconstruction From in Vitro Models**
Lecturers: Valeria Paradies
- 10:37 AM **Discussion**
- 10:42 AM **TCT 217: Stenting of Coronary Bifurcation Lesions With Bioresorbable Everolimus Eluting Scaffolds Longterm Outcome From Poznan Bifurcation Absorb Registry**
Lecturers: Magdalena Lanocha
- 10:49 AM **Discussion**
- 10:54 AM **TCT 218: Impact of Side Branch Pre Dilation on Angiographic Outcomes in Provisional Stent Strategy in Non Left Main Coronary Bifurcation Lesions: A Systematic Review and Meta Analysis**
Lecturers: Mourushi Isa
- 11:01 AM **Discussion**
- 11:06 AM **TCT 219: Benefits of Final Proximal Optimization Technique POTin Provisional Stenting A Bench Experimental Study**
Lecturers: Francois Derimay

11:13 AM Discussion

11:18 AM **TCT 220: Optimal Balloon Positioning for a Best Proximal Optimization Technique POT An Experimental Bench Study**
Lecturers: Francois Derimay

11:25 AM Discussion

MODERATED POSTER SESSION: PCI AND DRUG-COATED BALLOONS I

SATURDAY, SEPTEMBER 22, 2018

10:30 AM - 11:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME,MOC

10:30 AM - 11:30 AM

PCI and Drug-Coated Balloons I

Moderators: Jorge F. Saucedo, Craig M. Walker

Discussants: George L Adams, Hsuan-Li Huang, Juying Qian

10:30 AM **TCT 226: Results of Percutaneous Coronary Intervention With Second Generation Drug Coated Balloons at a Long Term Follow up**
Lecturers: Ignacio Sanchez-Perez

10:37 AM Discussion

10:42 AM **TCT 227: Outcomes With Drug Coated Balloons in Small Vessel Coronary Artery Disease**
Lecturers: Michael Megaly

10:49 AM Discussion

10:54 AM **TCT 228: Outcomes After Treatment of Coronary In Stent Restenosis With Drug Coated Balloon vs Drug Eluting Stent According to the Presence or Absence of Diabetes Mellitus: A Prespecified Analysis of the DAEDALUS Study**
Lecturers: Daniele Giacoppo

11:01 AM Discussion

11:06 AM **TCT 229: Outcomes With Drug Coated Balloons vs Drug Eluting Stents in Percutaneous Coronary Intervention in Diabetic Patients**
Lecturers: Michael Megaly

11:13 AM Discussion

11:18 AM **TCT 230: FFR Guided Angioplasty Using Paclitaxel Coated Balloons Without Stents vs Bioresorbable Scaffolds: A Randomized Clinical Trial in Stable Coronary Artery Disease**
Lecturers: Tudor Poerner

11:25 AM Discussion

MODERATED POSTER SESSION: ASD AND PFO CLOSURE I

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:30 PM

ASD and PFO Closure I

Moderators: Eric Eeckhout, Steven L. Goldberg

Discussants: Kee-Sik Kim, David W.M. Muller, Roman Tarasov

11:30 AM **TCT 241: Assessment of the Intra Atrial Septum Orientation and Its Mean Curvature for Structural Heart Disease Interventions**
Lecturers: Nils Petri

11:37 AM Discussion

11:42 AM **TCT 242: Residual Shunt After Patent Foramen Ovale Device Closure in Patients With Cryptogenic Stroke: Serial Bubble Contrast Transesophageal Echocardiography Data**
Lecturers: Pyung Chun Oh

11:49 AM Discussion

11:54 AM **TCT 243: Are Percutaneous Patent Foramen Ovale Closure Devices Effective A Comprehensive Meta Analysis Assessing Their Long Term Outcomes**
Lecturers: Armaghan Soomro

12:01 PM Discussion

12:06 PM **TCT 244: Percutaneous Suture mediated Patent Foramen Ovale PFO Closure with the NobleStitch EL System: Center Experience Effect**
Lecturers: Gregory Sgueglia

12:13 PM Discussion

MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE II

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

11:30 AM - 12:30 PM

Catheter-based Treatment of Peripheral Vascular Disease II

Moderators: Michael R. Jaff, Craig M. Walker

Discussants: Jun Nakazato, Rahul S. Patel, Ramon L Varcoe, Mitchell Weinberg

11:30 AM **TCT 249: Population Based Outcomes Following Endovascular Interventions and Bypass Surgery for Lower Extremity Peripheral Arterial Disease**
Lecturers: Khalid Hamid Chngal

11:37 AM Discussion

11:42 AM **TCT 250: A Novel Large Size Transcatheter Pulmonary Heart Valve Prosthesis for Patients With Pulmonary Regurgitation**
Lecturers: Anna Grünwald

11:49 AM Discussion

- 11:54 AM **TCT 252: A Prospective Multi Center Pilot Study Evaluating Plaque Photoablation Using the Novel Non Guidewire Based RA 308 Excimer Laser in Subjects With Symptomatic Infrainguinal Lower Extremity Vascular Occlusions**
Lecturers: Lawrence Ang
- 12:01 PM **Discussion**
- 12:06 PM **TCT 253: Placement of Axillary intraaortic Balloon Pump Leads to Higher Adverse Event Rate When Compared to Placement of Femoral Intra aortic Balloon Pump**
Lecturers: Baldeep Dhaliwal
- 12:13 PM **Discussion**

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE I

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30 AM - 12:30 PM

Cath Lab of the Future: Strategies to Control Radiation Exposure I

Moderators: Stephen Balter, Peter J. Fitzgerald

Discussants: M Chadi Alraies, James Flaherty, Richard R. Heuser, Partha Sardar, Carl L. Tommaso, James P. Zidar

- 11:30 AM **TCT 245: A Significant Reduction in the Frequency of Substantial Dose Interventional Coronary Procedures From 2007 to 2017**
Lecturers: Stephen Balter
- 11:37 AM **Discussion**
- 11:42 AM **TCT 246: Utility of Image Magnification Software to Reduce Radiation Emission During Invasive Coronary Angiography**
Lecturers: Amir Sadrzadeh
- 11:49 AM **Discussion**
- 11:54 AM **TCT 247: Reducing Radiation Exposure to Operators During Invasive Cardiac Procedures With A Novel Lead Based Arm Board Radar**
Lecturers: Tawfiq Choudhury
- 12:01 PM **Discussion**
- 12:06 PM **TCT 248: A New Device to Markedly Reduce Cardiac Cath Lab Radiation Levels**
Lecturers: Robert Wilson
- 12:13 PM **Discussion**

MODERATED POSTER SESSION: IS THERE STILL A ROLE FOR BARE METAL STENTS?

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30 AM - 12:30 PM

Is There Still a Role for Bare Metal Stents?

Moderators: Rafael Beyar, Hemal Gada

Discussants: Bernardo Cortese, Darshan Doshi, Adel El Etriby, Andrea Gagnor, Patrick J Galeski

- 11:30 AM **TCT 270: Prospective Randomized Comparison of Paclitaxel Coated Balloon vs Bare Metal Stent in High Bleeding Risk Patients With De Novo Native Coronary Artery Lesions**
Lecturers: Eun-Seok Shin
- 11:37 AM **Discussion**
- 11:42 AM **TCT 271: Drug Eluting Stents Compared With Bare Metal Stents in High Risk Patients Undergoing Percutaneous Coronary Interventions: A Meta Analysis**
Lecturers: Saroj Neupane
- 11:49 AM **Discussion**
- 11:54 AM **TCT 272: Outcomes of Drug Eluting vs Bare Metal Stents in Saphenous Vein Graft Lesions: A Meta Analysis of Randomized Controlled Trials**
Lecturers: Toufik Mahfood Haddad
- 12:01 PM **Discussion**
- 12:06 PM **TCT 273: Italian Multicenter Registry of Bare Metal Stent Use in Modern Percutaneous Coronary Intervention Era: A Multicenter Observational Study**
Lecturers: Matteo Pagnesi
- 12:13 PM **Discussion**
- 12:18 PM **TCT 274: Drug Eluting Stents vs Bare Metal Stents for Saphenous Vein Graft Interventions: A Meta Analysis of Randomized Controlled Trials**
Lecturers: Aakash Garg
- 12:25 PM **Discussion**

MODERATED POSTER SESSION: MINIMALIST APPROACH TO TAVR II

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30 AM - 12:30 PM

Minimalist Approach to TAVR II

Moderators: Carlo Di Mario, Maurizio Taramasso

Discussants: Itshac Itsik Ben-dor, Nicola Corvaja, Chandan Devireddy, Kendra J. Grubb

- 11:30 AM **TCT 258: Comparing Outcomes of Local and General Anesthesia in Transcatheter Aortic Valve Replacement COLGATE AVR: the Cleveland Clinic Foundation Experience**
Lecturers: Jimmy Kerrigan

- 11:37 AM **Discussion**
- 11:42 AM **TCT 259: 1000 Minimalist TAVR: SAPIEN Through SAPIEN 3**
Lecturers: Norihiko Kamioka
- 11:49 AM **Discussion**
- 11:54 AM **TCT 260: Outcomes of Transcatheter Aortic Valve Replacement in Patients Undergoing Conscious Sedation Compared to General Anesthesia**
Lecturers: Brett Hiendlmayr
- 12:01 PM **Discussion**
- 12:06 PM **TCT 261: Minimalistic Approach in Transcatheter Aortic Valve Replacement: A Systematic Review and Meta Analysis**
Lecturers: Harsh Rawal
- 12:13 PM **Discussion**

MODERATED POSTER SESSION: MISCELLANEOUS PCI TECHNIQUES

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Miscellaneous PCI Techniques

Moderators: Bagrat Alekryan, Jeff Chambers

Discussants: Sergey A. Abugov, Khaled Almerri, Peter Barlis, Andrzej J. Ochala

- 11:30 AM **TCT 254: Strut Impingement Phenomenon By A Bioresorbable Polymer Sirolimus Eluting Ultimaster Stent**
Lecturers: Yutaka Tadano
- 11:37 AM **Discussion**
- 11:42 AM **TCT 255: Results of the Percutaneous Coronary Intervention With Overlapping Stents With Homogeneous Or Heterogeneous Drug for the Treatment of Diffuse Coronary Disease in Real Clinical Practice**
Lecturers: Ignacio Sanchez-Perez
- 11:49 AM **Discussion**
- 11:54 AM **TCT 256: Impact of Coronary Artery Tortuosity on PCI Outcomes: An individual Patient Data Pooled Analysis From 6 Randomized Controlled Trials**
Lecturers: Bjorn Redfors
- 12:01 PM **Discussion**
- 12:06 PM **TCT 257: Impact of Percutaneous Coronary Intervention of Ostial Vs Non Ostial Lesions on Short and Long Term Clinical Outcomes**
Lecturers: Ji Young Park
- 12:13 PM **Discussion**

MODERATED POSTER SESSION: NEW OCT STUDIES

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

New OCT Studies

Moderators: Daniel Chamie, Stephen WL Lee

Discussants: Otavio Berwanger, Haibo Jia, Olli A. Kajander, Junya Shite, Richard Shlofmitz, Marco Zimarino

- 11:30 AM **TCT 266: OCT and Histopathological Assessment of Coronary Plaque Obtained by Directional Coronary Atherectomy**
Lecturers: Ryotaro Yamada
- 11:37 AM **Discussion**
- 11:42 AM **TCT 267: Serial Stent Healing Analysis of Bioresorbable Stent Implanted in Coronary Bifurcations With Optical Coherence Tomography: Correlation With Baseline Shear Stress**
Lecturers: Shengxian Tu
- 11:49 AM **Discussion**
- 11:54 AM **TCT 268: Five Year Clinical Outcomes of Patients With OCT Detected Features of Vulnerable Plaque in Intermediate Grade Coronary Stenoses Proven Insignificant By FFR**
Lecturers: Dorota Ochijewicz
- 12:01 PM **Discussion**
- 12:06 PM **TCT 269: Optical Coherence Tomography Evaluation of Very Early Endothelialization After Dual Therapy Drug Eluting Stent With EPC CaptURE OCT VENTURE**
Lecturers: Bryan Yan
- 12:13 PM **Discussion**

MODERATED POSTER SESSION: PCI AND DRUG-COATED BALLOONS II

SATURDAY, SEPTEMBER 22, 2018

11:30 AM - 12:30 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

PCI and Drug-Coated Balloons II

Moderators: Fernando Alfonso, Bruno Scheller

Discussants: Subhash Banerjee, YunDai Chen, Kenneth Chin, Mariann Gyöngyösi, Grzegorz L. Kaluza

- 11:30 AM **TCT 262: Pre Clinical Investigation of Keratose As A Novel Excipient of Paclitaxel Coated Balloons**
Lecturers: Saami Yazdani

- 11:37 AM **Discussion**
- 11:42 AM **TCT 263: Drug Eluting Balloon Coronary Angioplasty Without Stenting for De Novo Lesions in Very Small Caliber Vessels: A Five Years Experience**
Lecturers: Luc Doutrelant
- 11:49 AM **Discussion**
- 11:54 AM **TCT 264: Sirolimus Coated Balloon in the Treatment of Small Vessel Disease: Long Term Follow Up From the Indian Nanolute Registry**
Lecturers: Bernardo Cortese
- 12:01 PM **Discussion**
- 12:06 PM **TCT 265: Comparison of Long Term Outcomes of Percutaneous Coronary Intervention With Sequent Please vs in Pact Falcon Paclitaxel Eluting Balloon Catheter**
Lecturers: Ignacio Sanchez-Perez
- 12:13 PM **Discussion**

Lecturers: Matthew McDiarmid

- 1:28 PM **Discussion**
- 1:33 PM **TCT 289: Loco Regional vs General Anesthesia for Endovascular Abdominal Aortic Aneurysm Repair: An Updated Meta Analysis**
Lecturers: Jai Parekh
- 1:40 PM **Discussion**

MODERATED POSTER SESSION: BIORESORBABLE SCAFFOLDS VS METALLIC STENTS

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Bioresorbable Scaffolds vs Metallic Stents

Moderators: Alope V. Finn, John A. Ormiston

Discussants: Salvatore Cassese, Daniel Chamie, Jun-Jack Cheng, Michael Joner, Grzegorz L. Kaluza, Vincent On-Hing Kwok

- 12:45 PM **TCT 310: Four Year Clinical Outcomes From Randomized Comparison of Everolimus Eluting Bioresorbable Vascular Scaffolds vs Everolimus Eluting Metallic Stents in Patients With Coronary Artery Disease From ABSORB China Trial**
Lecturers: Runlin Gao
- 12:52 PM **Discussion**
- 12:57 PM **TCT 311: Long Term Vascular Response to Bioresorbable Scaffolds vs Metallic Stents in Coronary Lesions With Myocardial Bridging A Potential Benefit of Vascular Restoration Under Dynamic Compression force**
Lecturers: Ryo Kameda
- 1:04 PM **Discussion**
- 1:09 PM **TCT 312: 4 Year Clinical Results of a Randomized Trial Evaluating the Absorb Bioresorbable Vascular Scaffold vs Metallic Drug Eluting Stent in De Novo Native Coronary Artery Lesions: Data From the ABSORB Japan Trial**
Lecturers: Kengo Tanabe
- 1:16 PM **Discussion**
- 1:21 PM **TCT 313: In Vivo Acute Expansion of Bioresorbable Scaffolds and Metallic Stents in Normal Porcine Coronary Arteries A Critical Appraisal of Compliance Chart Accuracy**
Lecturers: Nicolas Isaza
- 1:28 PM **Discussion**
- 1:33 PM **TCT 314: Factors influencing Bioresorbable vs Metallic Stent Recoil and Underexpansion In Vivo Independent of Atherosclerosis: Angiographic Study in Normal Porcine Coronary Arteries**
Lecturers: Nicolas Isaza

MODERATED POSTER SESSION: AORTIC DISEASES AND INTERVENTION

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Aortic Diseases and Intervention

Moderators: Somjot S. Brar, Christoph A. Nienaber

Discussants: Sergey A. Abugov, Costantino Del Giudice, Nimesh Desai, Ivo Petrov, Darren B Schneider

- 12:45 PM **TCT 285: Development of A Local Treatment Strategy for Vessel Wall Stabilization With a miR 29b Inhibitor in Aneurysms and Atherosclerotic Plaques**
Lecturers: Stephanie Bettink
- 12:52 PM **Discussion**
- 12:57 PM **TCT 286: Novel Approach for Treatment of Aortic Stent Graft Endoleak: A Preclinical Feasibility Study of Catheter Delivered Expandable Foam**
Lecturers: Gilberto Melnick
- 1:04 PM **Discussion**
- 1:09 PM **TCT 287: Efficacy of Intravascular Ultrasound for Patients With Peripheral Artery Diseases Presenting Aorto Iliac Artery Disease**
Lecturers: Takuya Tsujimura
- 1:16 PM **Discussion**
- 1:21 PM **TCT 288: Early Thoracic Endovascular Aortic Repair TEVAR of Uncomplicated Type B Thoracic Aortic Dissection in the Cardiac Catheterization Laboratory: The Rise of the Cardio Vascular Interventionalist**

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) I

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) I

Moderators: James K. Min, Wojtek Wojakowski

Discussants: Chee Yang Chin, Peter J. Fitzgerald, Juan Luis Gutierrez-Chico, Marco Zimarino

12:45 PM **TCT 305: Comparison of 2D QCA 3D QCA and Coronary Angiography Derived FFR in Predicting Myocardial Ischemia Assessed By D SPECT**
Lecturers: Neng Dai

12:52 PM **Discussion**

12:57 PM **TCT 306: Angiography Derived Functional Assessment of Non Culprit Stenoses With Quantitative Flow Ratio At the Time of ST Elevation Myocardial Infarction**
Lecturers: Hernan Mejia-Renteria

1:04 PM **Discussion**

1:09 PM **TCT 307: Mechanism Triggering Acute Coronary Syndrome By Rupturing Plaque Based on the Cavitation Phenomenon Bubble Formation and Explosion At the Distal Left Main Bifurcation By Computational Fluid Dynamic Study**
Lecturers: Phuc Luong

1:16 PM **Discussion**

1:21 PM **TCT 308: Comparison Between Fractional Flow Reserve FFR and Computational Fractional Flow Reserve Derived From Three Dimensional intravascular Ultrasound FFR Ivs Percentage of Diameter Stenosis By Visual Estimation and Bi Dimensional Quantitative Co**
Lecturers: Alexandre Hideo-Kajita

1:28 PM **Discussion**

1:33 PM **TCT 309: Angiography Derived Fractional Flow Reserve in the SYNTAX II Trial: Diagnostic Accuracy of QFR and Clinical Prognostic Value of Functional SYNTAX Score Derived From QFR**
Lecturers: Taku Asano

1:40 PM **Discussion**

MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION I

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

LMCA Disease and Intervention I

Moderators: Davide Capodanno, Talib Majwal

Discussants: Ning Guo, Stefan Harb, Lucian Marius Predescu, Jose M. de la Torre Hernandez

12:45 PM **TCT 290: Drug Eluting Balloon Catheters in the Endovascular Treatment of Patients With True Left Main Bifurcation Lesions**
Lecturers: Daniil Maximkin

12:52 PM **Discussion**

12:57 PM **TCT 291: Impact of Chronic Kidney Disease on Left Main Coronary Artery Disease Undergoing Percutaneous Coronary Intervention IRIS MAIN Registry**
Lecturers: Jee Hyuk Kim

1:04 PM **Discussion**

1:09 PM **TCT 292: Superimposed Stents for Suboptimal Immediate Angiographic Result in Left Main Coronary Artery Lesions After Implantation of A First Stent Angiographic and Clinical Outcomes**
Lecturers: Karl Isaaz

1:16 PM **Discussion**

1:21 PM **TCT 293: Incidence Procedural Aspects and Prognosis of Percutaneous Coronary Intervention of Unprotected Left Main Coronary Artery Disease in Patients With ST Segment Elevation Myocardial Infarction**
Lecturers: Victoria Vilalta

1:28 PM **Discussion**

1:33 PM **TCT 294: Long Term Outcome of Unprotected Left Main Coronary Artery Disease: Comparison Between Coronary Artery Bypass Grafting CABG and Percutaneous Coronary Intervention PCI in Korean Single Center**
Lecturers: Moo Hyun Kim

1:40 PM **Discussion**

MODERATED POSTER SESSION: MISCELLANEOUS TAVR COMPLICATIONS I

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Miscellaneous TAVR Complications I

Moderators: Philippe Genereux, Susheel K. Kodali

Discussants: Saif Anwaruddin, Colin M. Barker, Stephan M. Ensminger, Marek Grygier, Fabien Praz

12:45 PM **TCT 295: Differential Prognostic Value of Galectin 3 According to Levels of Carbohydrate Antigen 125 in Transcatheter Aortic Valve Implantation**

Lecturers: Tobias Rheude

12:52 PM Discussion

12:57 PM **TCT 296: Cardiac Surgery Compared to Antibiotics Only in Patients Developing Infective Endocarditis After Transcatheter Aortic Valve Replacement**

Lecturers: Norman Mangner

1:04 PM Discussion

1:09 PM **TCT 297: Influence of Valve Type on Thrombocytopenia Following Transcatheter Aortic Valve Implantation TAVI**

Lecturers: Sally Hickman

1:16 PM Discussion

1:21 PM **TCT 298: Autoimmune Connective Tissue Diseases Are Associated With Increased Infectious Complications After TAVR**

Lecturers: Sarah Rudasill

1:28 PM Discussion

1:33 PM **TCT 299: Pulse Wave Velocity and Aortic Distensibility in Patients With Hypertensive Response Post Transcatheter Aortic Valve Replacement**

Lecturers: Eyal Ben Assa

1:40 PM Discussion

Lecturers: Alfredo Redondo Diéguez

1:16 PM Discussion

1:21 PM **TCT 303: Association of CHADVASC Score With Hemorrhagic Stroke in Patients Undergoing Fibrinolytic Therapy for ST Elevation Myocardial Infarction**

Lecturers: Gbolahan Ogunbayo

1:28 PM Discussion

1:33 PM **TCT 304: Long Term Clinical Outcomes in Acute Coronary Syndrome Patients At High Bleeding Risk Undergoing PCI With Implantation of Everolimus Eluting Stents: Results From the Patient Level Pooled Analysis of EES Post Approval Studies**

Lecturers: Sabato Sorrentino

1:40 PM Discussion

MODERATED POSTER SESSION: PERI-DEVICE LEAKS

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME, MOC

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS I

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

PCI in High Bleeding Risk (HBR) Patients I

Moderators: Vincent J. Pompili, Robert W. Yeh

Discussants: Mariann Gyöngyösi, Zuzana Motovska, Adhir Shroff, Zheng Zhang

12:45 PM **TCT 300: Feasibility and Clinical Impact of Esophagogastroduodenoscopy Within 7 Days in Patients Receiving Coronary Stent Due to ST Segment Elevation Myocardial Infarction**

Lecturers: Sang Min Park

12:52 PM Discussion

12:57 PM **TCT 301: CHA2DS2 VASc Score is Highly Predictive of In Hospital Mortality and Procedural Complications in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention**

Lecturers: Ashraf Abugroun

1:04 PM Discussion

1:09 PM **TCT 302: A Simple CHA2DD2 VASC Derived Score for Assessing Long Term Prognosis in STEMI Patients CardioCHUS STEMI Registry**

12:45 PM - 1:45 PM

Peri-Device Leaks

Moderators: Linda D. Gillam, Pinak B. Shah

Discussants: Cameron Dowling, Omer Goktekin

12:45 PM **TCT 275: Percutaneous Transapical Left Ventricular Access to Treat Paravalvular Leak and Ventricular Septal Defect Is Clinically Effective and Associated With infrequent Adverse Events**

Lecturers: Joseph Venturini

12:52 PM Discussion

12:57 PM **TCT 276: Percutaneous Treatment of Residual Leaks After Left Atrial Appendage Closure**

Lecturers: Marcus Sandri

1:04 PM Discussion

1:09 PM **TCT 277: Safety and Feasibility of Trans Catheter Interruption of Ruptured Sinus of Valsalva Aneurysm RSOVA Using the Coccoon Duct Occluder CDO: Immediate Results and Mid Term Follow Up**

Lecturers: Puneet Aggarwal

1:16 PM Discussion

1:21 PM **TCT 278: Incidence Characteristics and Management of Residual Peri Device Leak After Percutaneous Left Atrial Appendage Occlusion**

Lecturers: Zakeih Chaker

1:28 PM Discussion

1:33 PM **TCT 279: Elective Percutaneous Paravalvular Leak Closure Under Monitored Anesthesia Care: The Safety of Conscious Sedation With Intra Procedural Tee for PVL Repair**

1:40 PM Discussion

MODERATED POSTER SESSION: VULNERABLE PLAQUES AND VULNERABLE PATIENTS I

SATURDAY, SEPTEMBER 22, 2018

12:45 PM - 1:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

12:45PM - 1:45 PM

Vulnerable Plaques and Vulnerable Patients I

Moderators: Maurice Buchbinder, Peter H. Stone

Discussants: Germano Di Sciascio, Konstantinos Toutouzas, Zhao Wang

- 12:45 PM **TCT 280: Usefulness of White Blood Cell Count to Mean Platelet Volume Ratio for Predicting Long Term Prognosis After Primary Percutaneous Coronary Intervention in Patients With Acute Coronary Syndrome**
Lecturers: Na Xu
- 12:52 PM Discussion
- 12:57 PM **TCT 281: Validation of Computed Tomography Leaman Score for Risk Assessment of Patients Treated By Percutaneous Coronary Intervention**
Lecturers: Simone Kim
- 1:04 PM Discussion
- 1:09 PM **TCT 282: Unstable Coronary Microvascular Physiology The Critical Relationship of Patency and Perfusion Pressure Assessed By Controlled Flow Infusion**
Lecturers: Robert S. Schwartz
- 1:16 PM Discussion
- 1:21 PM **TCT 283: Increase in Carotid Inflammation in Patients With CAD Independently Predicts Two Year MACE**
Lecturers: Konstantinos Toutouzas
- 1:28 PM Discussion
- 1:33 PM **TCT 284: Coronary Computed Tomography Angiography Defined Low Attenuation Plaque to Predict True Lipidic Plaque Determined By Combined Intravascular Imaging**
Lecturers: Rafal Wolny
- 1:40 PM Discussion

MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION II

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

1:45PM - 2:45 PM

LMCA Disease and Intervention II

Moderators: Anthony H. Gershlick, Marco V. Wainstein

Discussants: Javaid Iqbal, Kee-Sik Kim, Ioanna Kosmidou, Stefan Mot

- 1:45 PM **TCT 329: Prospective Evaluation of Drug Eluting Self Apposing Stent for the Treatment of Unprotected Left Main Coronary Artery Disease 1 Year Results of the TRUNC Study**
Lecturers: Corrado Tamburino
- 1:52 PM Discussion
- 1:57 PM **TCT 330: One Year Effectiveness and Safety of Self Apposing Stentys Drug Eluting Stent in Left Main Coronary Artery PCI Multicentre LM STENTYS Registry**
Lecturers: Wojciech Wanha
- 2:04 PM Discussion
- 2:09 PM **TCT 331: Secular Trends of Characteristics Treatments and Long Term Outcomes in Patients With Ostial Or Mid Shaft Left Main Coronary Artery Disease**
Lecturers: Yong-Hoon Yoon
- 2:16 PM Discussion
- 2:21 PM **TCT 332: Serial IVUS Substudy Results From J Lesson: Japan Unprotected Left Main Coronary Artery Disease PCI Strategy on New Generation Stents**
Lecturers: Akiko Maehara
- 2:28 PM Discussion
- 2:33 PM **TCT 333: Role of Optical Coherence Tomography Acknowledged for Left Main Stem Angioplasty the ROCK Cohort I Study**
Lecturers: Bernardo Cortese
- 2:40 PM Discussion

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS I

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

1:45PM - 2:45 PM

Management of In-stent Restenosis I

Moderators: Christian W. Hamm, Detlef G. Mathey

Discussants: Mohamed Ali Elsalamony, Hsuan-Li Huang, Verghese Mathew, Issam D. Moussa, Duk-Woo Park

- 1:45 PM **TCT 339: Paclitaxel Eluting Balloon vs Everolimus Eluting Stent in Patients With Diabetes Mellitus and In Stent Restenosis Insights From the Randomized DARE Trial**
Lecturers: Bimmer E. Claessen

- 1:52 PM **Discussion**
- 1:57 PM **TCT 340: Influence of Neoatherosclerosis on Long Term Outcome of Patients With in Stent Restenosis Treated With Paclitaxel Coated Balloon or Everolimus Eluting Stent Insights From Pooled Ribs IV and V Randomized Trials**
Lecturers: Nieves Gonzalo
- 2:04 PM **Discussion**
- 2:09 PM **TCT 341: Results of Percutaneous Coronary Intervention in Restenosis Lesions With Second Generation Paclitaxel Coated Balloons At a Long Term Follow up**
Lecturers: Ignacio Sanchez-Perez
- 2:16 PM **Discussion**
- 2:21 PM **TCT 342: Excimer Laser Lesion Modification In Stent Restenosis and Non Optimal Dilated Stents the ELMRegistry**
Lecturers: Piotr Wacinski
- 2:28 PM **Discussion**
- 2:33 PM **TCT 343: Variations in Efficacy and Safety Over Time Between Drug Coated Balloon and Drug Eluting Stent for the Treatment of Coronary In Stent Restenosis Results From the DAEDALUS Study**
Lecturers: Daniele Giacoppo
- 2:40 PM **Discussion**

Lecturers: Stefano Galli

- 2:16 PM **Discussion**
- 2:21 PM **TCT 352: Long Term Clinical Data and Multimodality Imaging Analysis of the BIOSOLVE II Study With the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects With De Novo Lesions in Native Coronary Arteries BIOSOLVE II**
Lecturers: Michael Haude
- 2:28 PM **Discussion**
- 2:33 PM **TCT 353: Acute and Mid Term Performance of Magmaris Bioresorbable Scaffold Implantation in Complex Lesions A Multicenter Experience**
Lecturers: Francesco Tomassini
- 2:40 PM **Discussion**

MODERATED POSTER SESSION: OPTICAL COHERENCE TOMOGRAPHY (OCT) OBSERVATIONS DURING PRIMARY PCI IN STEMI

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Optical Coherence Tomography (OCT) Observations During Primary PCI in STEMI

Moderators: Takashi Kubo, Francesco Prati

Discussants: Ziad A. Ali, Gary S. Mintz, Jun Pu, Guillermo Tearney

- 1:45 PM **TCT 345: Optical Coherence Tomography Appraisal of Residual Thrombus Burden in Patients With ST Segment Elevation Myocardial Infarction Undergoing Bivalirudin vs Unfractionated Heparin Infusion the MATRIX Minimizing Adverse Haemorrhagic Events By Transra**
Lecturers: Hector M. Garcia-Garcia
- 1:52 PM **Discussion**
- 1:57 PM **TCT 344: Comparison of Tissue Prolapse After Stent Deployment At Culprit Lesion and Non Culprit Lesion in Acute Myocardial Infarction**
Lecturers: Hyuck Jun Yoon
- 2:04 PM **Discussion**
- 2:09 PM **TCT 346: Primary PCI in STEMI With Sirolimus Eluting Fantom Bioresorbable Vascular Scaffold First Guided With Optical Coherence Tomography Acute Results From a Fantom STEMI Pilot Study**
Lecturers: Lukasz Koltowski
- 2:16 PM **Discussion**
- 2:21 PM **TCT 347: Culprit Lesion Types and Vascular Healing in Patients With ST Segment Elevation Myocardial Infarction After Primary Percutaneous Intervention**
Lecturers: Kirstine Hansen

MODERATED POSTER SESSION: METALLIC BIORESORBABLE VASCULAR SCAFFOLDS I

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Metallic Bioresorbable Vascular Scaffolds I

Moderators: Alexandre Abizaid, Michael Haude

Discussants: Olivier F. Bertrand, Piera Capranzano, Yaling Han, Dean J. Kereiakes, David G. Rizik, Alan C. Yeung

- 1:45 PM **TCT 349: The Acute and Early Outcome of Magnesium Bioresorbable Scaffold Implantation in Acute Coronary Syndrome Initial Report From ACS Magmaris Registry**
Lecturers: Magdalea Lancha
- 1:52 PM **Discussion**
- 1:57 PM **TCT 350: Safety and Performance of the Resorbable Magnesium Scaffold Magmaris in a Real World Setting First 400 Subjects At 12 Month Follow Up of the Biosolve IV Registry**
Lecturers: Michael Kang-Yin Lee
- 2:04 PM **Discussion**
- 2:09 PM **TCT 351: Descriptive Analysis of Consecutive Adverse Angiographic and Clinical Events in Pooled Italian Series of Magnesium Bioabsorbable Metallic Scaffold Magmaris TM**

2:28 PM Discussion

2:33 PM **TCT 348: Early Changes in Malapposition Assessed With Optical Coherence tomography After Biolimus Coated Biofreedom Stent Or Sirolimus Eluting Orsiro Stent in Patients With ST Segment Elevation Myocardial Infarction**

Lecturers: Christian Oliver Fallesen

2:40 PM Discussion

MODERATED POSTER SESSION: SYNTAX SCORE AND SYNTAX TRIAL STUDIES I

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

1:45 PM - 2:45 PM

SYNTAX Score and SYNTAX Trial Studies I

Moderators: Petr Kala, Patrick W. Serruys

Discussants: Mohammad El Tahlawi, Javier Escaned, Margaret B. McEntegart, John A. Ormiston, Nadia R Sutton

1:45 PM **TCT 320: Impact of Preprocedural High Sensitivity C Reactive Protein LDL C and Syntax Score on Outcomes Following Percutaneous Coronary Intervention**

Lecturers: Anton Camaj

1:52 PM Discussion

1:57 PM **TCT 321: Multicenter Validation of the Simplified SYNTAX Score An Accurate Memorizable Tool for Rapid Objective Assessment of Anatomical Complexity**

Lecturers: Sonya Burgess

2:04 PM Discussion

2:09 PM **TCT 322: Agreement Between Coronary CTA and Conventional Angiography on the SYNTAX Score Tertiles Stratified By Anatomical Complexity in the SYNTAX III Revolution Trial**

Lecturers: Yoshinobu Onuma

2:16 PM Discussion

2:21 PM **TCT 323: Comparison of the Prognostic Predictive Value of the SYNTAX II and NERS IIRisk Scores in Unprotected Left Main Percutaneous Coronary Intervention**

Lecturers: Xacobe Flores-Rios

2:28 PM Discussion

MODERATED POSTER SESSION: TAVR AND CAD I

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

1:45 PM - 2:45 PM

TAVR and CAD I

Moderators: Philipp Blanke, Horst Sievert

Discussants: Elvin Kedhi, Nickolas Nodar Kipshidze

1:45 PM **TCT 315: Correlation Between Fractional Flow Reserve and Non Invasive Myocardial Perfusion Imaging in Patients With Severe Aortic Stenosis and Coronary Artery Disease**

Lecturers: Roberto Scarsini

1:52 PM Discussion

1:57 PM **TCT 316: Percutaneous Coronary Intervention Before Transcatheter Aortic Valve Replacement**

Lecturers: Franco Fabbiochi

2:04 PM Discussion

2:09 PM **TCT 317: Impact of Coronary Artery Disease on Transcatheter Aortic Valve Replacement Outcome**

Lecturers: Paolo Olivares

2:16 PM Discussion

2:21 PM **TCT 318: Impact of Coronary Artery Disease and Prior Coronary Artery Bypass Grafting on Patients Undergoing Transcatheter Aortic Valve Replacement**

Lecturers: Toby Rogers

2:28 PM Discussion

2:33 PM **TCT 319: Clinical Characteristics and Vascular Complications in Patients Undergoing Transcatheter Aortic Valve Replacement and Percutaneous Coronary Interventions**

Lecturers: Shawn Reginauld

2:40 PM Discussion

MODERATED POSTER SESSION: TREATMENT OF PULMONARY EMBOLISM

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

1:45 PM - 2:45 PM

Treatment of Pulmonary Embolism

Moderators: Stephane Noble, Victor F. Tapson

Discussants: Mahir Elder, Peter P. Monteleone, Gregory Piazza

1:45 PM **TCT 324: A Five Year and Single Centre Experience on Ultrasound Assisted Catheter Directed Thrombolysis in Patients With Pulmonary Embolism At High Risk and Intermediate High Risk**

Lecturers: Cihangir Kaymaz

1:52 PM Discussion

- 1:57 PM **TCT 325: Quality of Life After Ultrasound Assisted vs Standard Catheter Directed Thrombolysis for Acute Pulmonary Embolism A Multi Center Experience**
Lecturers: Gaurav Rao
- 2:04 PM **Discussion**
- 2:09 PM **TCT 326: Catheter Directed Thrombolytic Therapy and Aspiration Thrombectomy in Intermediate Pulmonary Embolism Long Term Results**
Lecturers: Zoltan Ruzsa
- 2:16 PM **Discussion**
- 2:21 PM **TCT 327: Single Center Experience on Percutaneous Rheolytic Thrombectomy in Patients With Pulmonary Embolism At High Risk Or Intermediate High Risk**
Lecturers: Ozgur Akbal
- 2:28 PM **Discussion**
- 2:33 PM **TCT 328: Endovascular Treatment With Catheter Directed Thrombolysis in Patients With Acute Massive and Submassive Pulmonary Embolism**
Lecturers: Ivo Petrov
- 2:40 PM **Discussion**

Lecturers: Mohammad Waleed, MD

2:23 PM **Discussion**

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) II

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) II

Moderators: Paul Knaapen, Philip M. Urban

Discussants: Thomas Engström, Karlis Griķis, Arnold Seto, Raul Solerno, Khalid Omar Tammam

2:45 PM **TCT 383: Clinical Utility of A Novel On Site Virtual Fractional Flow Reserve Parallel Computing System: Comparison With invasive Fractional Flow Reserve**

Lecturers: Hyung-Bok Park, MD

2:52 PM **Discussion**

2:57 PM **TCT 384: Diagnostic Utility of Noninvasive Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography in Patients With Stable Coronary Artery Disease**

Lecturers: Hiroaki Sawada, MD

3:04 PM **Discussion**

3:09 PM **TCT 385: Diagnostic Performance of Noninvasive Fractional Flow Reserve Derived From Computed Tomography in Diabetic Patients**

Lecturers: Shinichiro Sakurai, MD

3:16 PM **Discussion**

3:21 PM **TCT 386: Ethnic Differences in Coronary Luminal Volume Left Ventricular Mass and CT Derived Fractional Flow Reserve**

Lecturers: Abdul Rahman Ihdayhid, MD

3:28 PM **Discussion**

3:33 PM **TCT 387: Morphological Correlates of Symptomatic Progression After Coronary Computed Tomography Angiography Derived High Risk Lesions Are Assessed By Optical Coherence tomography**

Lecturers: Mitsuaki Matsumura, MD

3:40 PM **Discussion**

MODERATED POSTER SESSION: VALVE-IN-VALVE PROCEDURES II

SATURDAY, SEPTEMBER 22, 2018

1:45 PM - 2:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Valve-in-Valve Procedures II

Moderators: Howard C. Herrmann, Mathew Williams

Discussants: Markus Florian Krackhardt, Axel Linke, Adam Witkowski

1:45 PM **TCT 374: Mitral Prosthetic Fracture to Facilitate Transcatheter Mitral Procedures: Results of in Vitro Bench Testing**

Lecturers: Dawn Hui, MD

1:52 PM **Discussion**

1:52 PM **TCT 375: Current Generation Balloon Expandable Transcatheter Valve Positioning During Aortic Valve in Valve Procedures and Clinical Outcomes**

Lecturers: Matheus Simonato, MD

1:59 PM **Discussion**

2:04 PM **TCT 376: Bioprosthetic Valve Fracture to Improve Hemodynamic Function Following Aortic Valve in Valve Implantation With CT Follow Up**

Lecturers: Abdullah Alenezi, MD

2:11 PM **Discussion**

2:16 PM **TCT 377: Transcatheter Aortic Valve Implantation TAVI for Degenerative Surgical Bioprosthesis: A Single Centre Valve in Valve ViV 5 Years Experience**

MODERATED POSTER SESSION: CRITICAL LIMB ISCHEMIA

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:33 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

Critical Limb Ischemia

Moderators: Emerson C. Perin, Christopher J. White

Discussants: J. Michael Bacharach, Subhash Banerjee, Michael R. Jaff

2:45 PM **TCT 365: Contemporary Outcomes in No Option Chronic Critical Limb Ischemia A Systematic Review and Meta Analysis**

Lecturers: Mohammed Imran Ghare

2:52 PM **Discussion**

2:57 PM **TCT 366: Endovascular vs Surgical Revascularization for Acute Lower Limb Ischemia**

Lecturers: Tariq Enezate

3:04 PM **Discussion**

3:09 PM **TCT 367: First Report Showing the Very Long Term Outcomes of Therapeutic Angiogenesis Using Bone Marrow Derived Mononuclear Cell Therapy in No Option Critical Limb Ischemia Patients With Scleroderma**

Lecturers: Keisuke Shoji

3:16 PM **Discussion**

3:21 PM **TCT 368: Feasibility and Outcomes of Endovascular Treatment of Infrapopliteal Peripheral Arterial Disease in Patients With Critical Limb Ischemia Retrograde Tibiopodal Access Approach**

Lecturers: Apurva Patel

3:28 PM **Discussion**

3:09 PM **TCT 361: Heart Team Approach to CAD Management in Patients Undergoing Elective Vascular Surgery Who Have Asymptomatic Ischemia Producing Coronary Stenosis**

Lecturers: Andrejs Erglis

3:16 PM **Discussion**

3:21 PM **TCT 362: Checking the Reality of the SYNTAX III Revolution Trial Comparison of the Virtual Heart Team Decision With the Treatment Executed**

Lecturers: Jeroen Sonck

3:28 PM **Discussion**

3:33 PM **TCT 363: Impact of the Heart Team in Decision Making in Patients With Severe Aortic Stenosis Data From the IMPULSE Registry**

Lecturers: Stefano Salizzoni

3:40 PM **Discussion**

MODERATED POSTER SESSION: NEW POLYMERIC BIORESORBABLE VASCULAR SCAFFOLDS I

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

New Polymeric Bioresorbable Vascular Scaffolds I

Moderators: Lorenz Raber, Ashok Seth

Discussants: Arif Al Nooryani, Rafa Depukat, Andrejs Erglis, Nicolas Foin, Marvin J. Slepian

2:45 PM **TCT 388: Real World Follow Up One Year of the Novel MeRes100**

Lecturers: Marcos Ortega, MD

2:52 PM **Discussion**

2:57 PM **TCT 389: Pre Clinical Evaluation of a Novel Thin Strut 85 m Ultra High Molecular Weight PLLA Sirolimus Eluting Bioresorbable Scaffold: A Comparative Multi Modality Imaging Based Study**

Lecturers: Marco Ferrone, MD

3:04 PM **Discussion**

3:09 PM **TCT 390: Impact of Strut Thickness on Radial Force and Late Vascular Recoil of a Novel Thin Strut Ultra High Molecular Weight PLLA Sirolimus Eluting Bioresorbable Coronary Scaffold**

Lecturers: Nicolas Isaza, MD

3:16 PM **Discussion**

3:21 PM **TCT 391: Post Implantation Shear Stress Analysis An Emerging Tool for Differentiation in Bioresorbable Scaffolds**

Lecturers: Erhan Tenekecioglu, MD

3:28 PM **Discussion**

3:33 PM **TCT 392: A First in Man Study of the Bioheart Sirolimus Eluting Bioresorbable Scaffold in Patients With Coronary Artery Disease One Year Clinical and Imaging Outcomes**

MODERATED POSTER SESSION: HEART TEAM STUDIES

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

Heart Team Studies

Moderators: Stuart J. Head, A. Pieter Kappetein

Discussants: Costantino Del Giudice, Isaac George, Arun Kalyanasundaram, Alfredo Trento, Dominik M. Wiktor

2:45 PM **TCT 359: Improving Management of Cardiogenic Shock The INOVA Heart and Vascular Institute Standardized Team Based Approach**

Lecturers: Behnam Tehrani

2:52 PM **Discussion**

2:57 PM **TCT 360: Assessment of Heart Teams Treatment Decision Variability Insights From the SYNTAX III Revolution Trial**

Lecturers: Yoshinobu Onuma

3:04 PM **Discussion**

3:40 PM Discussion

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI I

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45PM - 3:45 PM

Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI I

Moderators: Peter L. Duffy, Francisco Fdez-Aviles

Discussants: Alejandro Cherro, Konstantinos P. Tsioufis, Azfar G. Zaman

2:45 PM **TCT 378: Angiographic Echocardiographic and Clinical Outcomes Among STEMI Patients With Pre Infarction Angina Undergoing Primary Percutaneous Coronary Intervention**
Lecturers: Hosam Hasan

2:52 PM Discussion

2:57 PM **TCT 379: Effect of Family Characteristics on Therapeutic Delay in Patients With ST Elevation Myocardial Infarction**
Lecturers: Yukio Mizuguchi, MD

3:04 PM Discussion

3:09 PM **TCT 380: Impact of Direct Stenting on Myocardial Injury Assessed By Cardiac Magnetic Resonance Imaging and Prognosis in ST Elevation Myocardial Infarction**
Lecturers: Mohammed Saad, MD

3:16 PM Discussion

3:21 PM **TCT 381: The SCAMI NSTEMI Score: A Simplified Risk Score Based on China Acute Myocardial Infarction Registry to Predict In Hospital Mortality of Non ST Segment Elevation Myocardial Infarction Patients**
Lecturers: Rui Fu, MD

3:28 PM Discussion

3:33 PM **TCT 382: Safety of 2 Day Discharge Following PPCI in STEMI Patients**
Lecturers: Manish Ramlall, MD

3:40 PM Discussion

MODERATED POSTER SESSION: TAVR, STROKE, AND EMBOLIC PROTECTION I

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45PM - 3:45 PM

TAVR, Stroke, and Embolic Protection I

Moderators: Henrique B. Ribeiro, Peter Wenaweser

Discussants: Anthony A. Bavry, Jaya Chandrasekhar

2:45 PM **TCT 354: Preprocedural Left Heart Debris Identified By TEE Does Not Appear to Be a Risk Factor for Stroke During TAVR**
Lecturers: Addis Asfaw

2:52 PM Discussion

2:57 PM **TCT 355: Stroke After Transcatheter vs Surgical Aortic Valve Replacement A Meta Analysis of Randomized Trials and Propensity Matched Observational Studies**
Lecturers: Kuldeep Shah

3:04 PM Discussion

3:09 PM **TCT 356: Correlation of Neuromarkers and Brain Injury After TAVR Results From CLEAN TAVI Trial**
Lecturers: Stephan Haussig

3:16 PM Discussion

3:21 PM **TCT 357: Initial Outcomes With a Systematic Application of Sentinal Cerebral Embolic Protection for Balloon Expandable TAVR**
Lecturers: Michael J. Rinaldi

3:28 PM Discussion

3:33 PM **TCT 358: Reducing Stroke While increasing Transcatheter Aortic Valve Replacements Case Control Analysis of 1658 Procedures Over 6 Years**
Lecturers: Dominique Monlezun

3:40 PM Discussion

MODERATED POSTER SESSION: TECHNICAL ASPECTS OF CTO INTERVENTIONS II

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45PM - 3:45 PM

Technical Aspects of CTO Interventions II

Moderators: Toshiya Muramatsu, William Nicholson

Discussants: Sanjog Kalra, Robert F. Riley, Barry D. Rutherford, João A Silveira, Minh N. Vo

2:45 PM **TCT 369: Antegrade Wire Escalation With Composite Core Dual Coil Wire Technology in the Treatment of Coronary Chronic Total Occlusions**
Lecturers: Jeffrey Rossi, MD

2:52 PM Discussion

- 2:57 PM **TCT 370: Increased Specialisation of Chronic Total Occlusion PCI Improves Success Rates But Increases Procedural Complexity: A Single Centre Experience**
Lecturers: Subramanya Upadhyaya
- 3:04 PM **TCT 371: Antegrade Fenestration and Re Entry: A Novel Subintimal Technique for Chronic Total Occlusion Recanalization**
Lecturers: Lorenzo Azzalini, MD
- 3:11 PM **Discussion**
- 3:16 PM **TCT 372: Pooled Analysis of Collateral Channel Type and Morphology During Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention**
Lecturers: Sudhir Rathore
- 3:23 PM **Discussion**
- 3:28 PM **TCT 373: Safety and Efficacy of Transradial vs Transfemoral Approach for Chronic Total Occlusion: A Meta Analysis**
Lecturers: Muhammad Khalid, MD
- 3:35 PM **Discussion**

Lecturers: Farhan Khodae

3:28 PM **Discussion**

3:33 PM **TCT 338: Comparison of Re do Transcatheter Aortic Valve Replacement With Valve in Valve for Failed Surgical Aortic Bioprostheses: a Multicenter Analysis of Clinical and Long Term Outcome**

Lecturers: Matthias Raschpichler

3:40 PM **Discussion**

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING, PCI, AND LONG-TERM OUTCOMES II

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

3:45 PM - 4:45 PM

Intravascular Imaging, PCI, and Long-Term Outcomes II

Moderators: Peter H. Stone, Alan C. Yeung

Discussants: Olli A. Kajander, Elias Sanidas, Shiro Uemura, Mladen I. Vidovich

3:45 PM **TCT 423: Incidence and Prognostic Impact of the Calcified Nodule in Coronary Artery Disease Patients on Hemodialysis**

Lecturers: Akihiko Okamura

3:52 PM **Discussion**

3:57 PM **TCT 424: A New Intravascular Ultrasound Guided Stenting Strategy Compared With Angiography on Stent Expansion and Procedural Outcomes in Patients With Positive Lesion Remodeling**

Lecturers: Daa Hakim

4:04 PM **Discussion**

4:09 PM **TCT 425: Impact of External Elastic Lamina Diameter Based Sizing vs Lumen Diameter Based Sizing on Early Vascular Healing**

Lecturers: Wataru Sasaki

4:16 PM **Discussion**

4:21 PM **TCT 426: Relationship Between Lesion Characteristics as Assessed By intravascular Ultrasound and Clinical Outcomes VAMPIRE 3 IVUS Substudy**

Lecturers: Nobuhiko Maejima

4:28 PM **Discussion**

4:33 PM **TCT 427: Role of Residual Stent Under Expansion Ersus In Stent Minimum Lumen Area in Percutaneous Coronary Intervention Outcome A CLI OPCI Project Substudy**

Lecturers: Enrico Romagnoli

4:40 PM **Discussion**

MODERATED POSTER SESSION: NEW POLYMERIC BIORESORBABLE VASCULAR SCAFFOLDS II

MODERATED POSTER SESSION: VALVE-IN-VALVE PROCEDURES I

SATURDAY, SEPTEMBER 22, 2018

2:45 PM - 3:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

Valve-in-Valve Procedures I

Moderators: Mohamed Abdel-Wahab, Adnan K. Chhatrwalla

Discussants: Keith B. Allen, James B. Hermiller Jr

2:45 PM **TCT 334: Treatment of Degenerated Aortic Bioprostheses A Comparison Between Valve In Valve Transfemoral Transcatheter Aortic Valve Replacement and Conventional Reoperation**

Lecturers: Norman Mangner

2:52 PM **Discussion**

2:57 PM **TCT 335: Predictors of Elevated Gradients After Transcatheter Aortic Valve Replacement for Failing Bioprosthetic Aortic Valve Replacement**

Lecturers: Robert L. Richmond

3:04 PM **Discussion**

3:09 PM **TCT 336: Transfemoral TAVR Treatment of Failing Aortic Valve Bioprostheses Mid Term Results and Outcome**

Lecturers: Felix Woitek

3:16 PM **Discussion**

3:21 PM **TCT 337: The Effect of Transcatheter Laceration of Degenerated Bioprosthetic Valve Leaflets on the Likelihood of Leaflet Thrombosis Following Transcatheter Aortic Valve In Valve Implantation A Computational Simulation Study**

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:45 PM

New Polymeric Bioresorbable Vascular Scaffolds II

Moderators: Antoine Lafont, Sigmund Silber

Discussants: Brian G. DeRubertis, Jeehoon Kang, Vojtech Novotny

3:45 PM **TCT 428: A First in Man Study of the Firesorb Sirolimus Target Eluting Bioresorbable Vascular Scaffold in Patients With Coronary Artery Disease FUTURE I: Two Year Clinical and Imaging Outcomes**
Lecturers: Lei Song

3:52 PM **Discussion**

3:57 PM **TCT 429: A Randomized Trial Comparing A Novel Sirolimus Eluting Bioresorbable Scaffold With Everolimus Eluting Metallic Stents in Patients With Coronary Artery Disease: Two Year Clinical Outcomes**
Lecturers: Yaling Han

4:04 PM **Discussion**

4:09 PM **TCT 430: In Vitro and Preclinical Evaluation of a Thin Strut Bioresorbable Scaffold: Results From Bench Testing and Acute Phase Study in a Non Atherosclerotic Porcine Model**
Lecturers: Yuki Katagiri

4:16 PM **Discussion**

4:21 PM **TCT 431: Twenty Four Months Healing Patterns After Implantation of the Fantom Bioresorbable Scaffold Evaluated By Optical Coherence Tomography**
Lecturers: Emil Holck

4:28 PM **Discussion**

4:33 PM **TCT 432: Fantom II Trial: Safety Performance Study of the Fantom Sirolimus Eluting Bioresorbable Coronary Scaffold 24 Month Follow Up Clinical Outcomes Final Results**
Lecturers: Georgios Bouras

4:40 PM **Discussion**

MODERATED POSTER SESSION: NON-ATHEROSCLEROSIS CORONARY ARTERY DISEASE I

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:45 PM

Non-atherosclerosis Coronary Artery Disease I

Moderators: Bernard J. Gersh, Alice K. Jacobs

Discussants: Fernando Alfonso, Rajiv Gulati, Jacek Legutko, Jose L. Leiva-Pons, Michelle O'Donoghue, Iosif Xenogiannis

3:45 PM **TCT 398: Evaluation of Microvascular Dysfunction in Patients With Takotsubo Syndrome**

Lecturers: Domenico Nobile, MD

3:52 PM **Discussion**

3:57 PM **TCT 399: Ischemic Stroke in Patients With Takotsubo Cardiomyopathy Analysis of the National Inpatient Sample Database**

Lecturers: Shunsuke Aoi, MD

4:04 PM **Discussion**

4:09 PM **TCT 400: Prevalence of Myocardial Bridging Associated With Coronary Endothelial Dysfunction in Patients With Chest Pain and Non Obstructive Coronary Artery Disease**

Lecturers: Jaskanwal Deep Sara, MD

4:16 PM **Discussion**

4:21 PM **TCT 401: A Strategy of Percutaneous Coronary Intervention With Drug Eluting Stents for the Treatment of Cardiac Allograft Vasculopathy May Normalize Survival**

Lecturers: Richard Cheng, MD

4:28 PM **Discussion**

4:33 PM **TCT 402: Serum Uric Acid Levels Predict Longterm Adverse Cardiovascular Outcomes After Cardiac Transplantation**

Lecturers: Megha Prasad

4:40 PM **Discussion**

MODERATED POSTER SESSION: NON-LM BIFURCATION INTERVENTION II

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45 PM - 4:45 PM

Non-LM Bifurcation Intervention II

Moderators: Marie-Claude Morice, Marco A. Perin

Discussants: Mamas Mamas, Stefan Mot, Sunao Nakamura, Manish A. Parikh, Afzalur Rahman, Sudhir Rathore

3:45 PM **TCT 408: Bifurcation and Ostial Optical Coherence Tomography Mapping BOOM Analysis of a Novel Co Registration Based Technique**
Lecturers: Evan Shlofmitz

3:52 PM **Discussion**

3:57 PM **TCT 409: Bifurcational Percutaneous Coronary Intervention in ST Elevation Myocardial Infarction**

Lecturers: Vimalraj BoganaShanmugam

4:04 PM **Discussion**

4:09 PM **TCT 410: Critical Aspects of the Final Proximal Optimization Technique POT During Bifurcation Stenting**

Lecturers: Lene Nyhus Andreassen

- 4:16 PM **Discussion**
- 4:21 PM **TCT 411: Comparison of the Strategies for Side Branch Intervention According to Fractional Flow Reserve in Coronary Bifurcation Lesions**
Lecturers: Sang-Cheol Cho
- 4:28 PM **Discussion**
- 4:33 PM **TCT 412: Side Branch Intervention for Non Left Main True Bifurcation Lesions: Pooled Analysis of Korean Multicenter Drug Eluting Stent Cohort**
Lecturers: Gyu Chul Oh
- 4:40 PM **Discussion**

MODERATED POSTER SESSION: OBESITY IN CAD

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME, MOC

3:45 PM - 4:33 PM

Obesity in CAD

Moderators: Henning Kelbæk, Michael C. C. Kim

Discussants: Jaikirshan Khatri, Vijay Kunadian, David J. Maron, Jean-François Tanguay

- 3:45 PM **TCT 418: Association Between Body Mass Index and 1 Year MACCE After Acute Myocardial Infarction**
Lecturers: Myun Hee Lee
- 3:52 PM **Discussion**
- 3:57 PM **TCT 419: Effects of Body Mass Index on the Comparative Effectiveness of PCI vs CABG for Left Main Coronary Artery Disease Insights From the EXCEL Trial**
Lecturers: Sabato Sorrentino
- 4:04 PM **Discussion**
- 4:09 PM **TCT 420: The Effect of Body Mass Index on Clinical Outcomes in Patients With Acute Coronary Syndrome**
Lecturers: Mesfer Alfadhel
- 4:16 PM **Discussion**
- 4:21 PM **TCT 422: The Impact of Weight Loss on Cardiovascular Outcomes Following Percutaneous Coronary Revascularization A Contemporary Real World Experience**
Lecturers: Trevor Simard
- 4:28 PM **Discussion**

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN ENDOVASCULAR AND STRUCTURAL HEART DISEASE AND INTERVENTION II

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME, MOC

3:45 PM - 4:45 PM

Racial and Gender Disparities in Endovascular and Structural Heart Disease and Intervention II

Moderators: Aaron Horne, Jr., James P. Zidar

Discussants: Douglas E. Drachman, Roger J. Laham

- 3:45 PM **TCT 406: Elevated Uric Acid Is Associated With Increased Lesion Calcification and Increased Mortality in Women Undergoing Percutaneous Coronary Intervention**
Lecturers: Megha Prasad
- 3:52 PM **Discussion**
- 3:57 PM **TCT 403: The Surgery After Stent SAS Registry: A Gender Based Analysis on Clinical Outcomes in Women Undergoing Cardiac and Non Cardiac Surgery**
Lecturers: Daniela Trabattoni
- 4:04 PM **Discussion**
- 4:09 PM **TCT 404: Takotsubo Syndrome and Oxidative Stress in Women: What Happens to the Clot**
Lecturers: Daniela Trabattoni
- 4:16 PM **Discussion**
- 4:21 PM **TCT 405: Sex Differences and Outcomes Following Rotational Atherectomy: Do Women Receive Optimal Care**
Lecturers: Tom J Ford
- 4:28 PM **Discussion**
- 4:33 PM **TCT 407: Sex Differences in Symptom Pattern of Chest Pain and Resolution Following Coronary Revascularization**
Lecturers: Pietro Di Santo
- 4:40 PM **Discussion**

MODERATED POSTER SESSION: TAVR IN BICUSPID AORTIC VALVE DISEASE

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level
Accreditation: CME, MOC

3:45 PM - 4:45 PM

TAVR in Bicuspid Aortic Valve Disease

Moderators: Ioannis Iakovou, Jan Kovac

Discussants: Mohammad Mehdi Ansari, Gilbert H.L. Tang

- 3:45 PM **TCT 413: National Trends and Outcomes of Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve Stenosis**
Lecturers: Mohamad Soud
- 3:52 PM **Discussion**
- 3:57 PM **TCT 414: Patient Specific Computer Simulation to Optimise Transcatheter Heart Valve Sizing and Positioning in Bicuspid Aortic Valve Morphology**

Lecturers: Cameron Dowling

4:28 PM Discussion

4:04 PM Discussion

4:09 PM **TCT 415: Transcatheter Aortic Valve Implantation Using Symetis ACURATE in Bicuspid Aortic Valve Stenosis: Insights From A Multicenter Experience**

Lecturers: Antonio Mangieri

4:16 PM Discussion

4:21 PM **TCT 416: Balloon vs Self Expandable Valve for the Treatment of Bicuspid Aortic Valve Stenosis: Insights from the BEAT International Collaborative Registry**

Lecturers: Antonio Mangieri

4:28 PM Discussion

4:33 PM **TCT 417: Long Term Mortality of Patients Undergoing Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis**

Lecturers: Raymundo Quintana

4:40 PM Discussion

MODERATED POSTER SESSION: VASCULAR ACCESS IN STRUCTURAL HEART DISEASE PROCEDURES

SATURDAY, SEPTEMBER 22, 2018

3:45 PM - 4:33 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME, MOC

3:45 PM - 4:33 PM

Vascular Access in Structural Heart Disease Procedures

Moderators: David J. Cohen, Joachim Schofer

Discussants: Francesco Burzotta, Jasvinder Singh, A.J. Conrad C. Smith

3:45 PM **TCT 394: Efficacy and Safety of Fishermans Knot Technique to Achieve Venous Haemostasis After Removal of Large Sheath 12 Fr**

Lecturers: Puneet Aggarwal

3:52 PM Discussion

3:57 PM **TCT 395: A Propensity Matched Comparison of Suprasternal and Transfemoral Transcatheter Aortic Valve Replacement Inominate vs Femoral**

Lecturers: Anna Olds, MD

4:04 PM Discussion

4:09 PM **TCT 396: Association of Peripheral Artery Disease With In Hospital Outcomes After Endovascular Transcatheter Aortic Valve Replacement**

Lecturers: Divyanshu Mohanane, MD

4:16 PM Discussion

4:21 PM **TCT 397: Ipsilateral Balloon Occlusion Technique for Percutaneous Closure After Transfemoral Aortic Valve Replacement**

Lecturers: Sunny Goel, MD

EVENING PROGRAMS

EVENING PROGRAM: AN EXPERT TRANSRADIAL Q&A PANEL: GENERATING CLINICAL AND ECONOMIC VALUE (SPONSORED BY TERUMO)

SATURDAY, SEPTEMBER 22, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 21-22, Level One

6:00 PM - 8:00 PM

An Expert Transradial Q&A Panel: Generating Clinical and Economic Value

Chairs: Sunil V. Rao, Gregg W. Stone

Faculty: Amit Amin, MD, Ajay J. Kirtane, Sahil A. Parikh, Arnold Seto, Binita Shah

6:00 PM Check in Reception

6:30 PM This panel of experts will address the current clinical controversies related to transradial access and intervention during cardiology and peripheral intervention that are keeping radial access from reaching higher levels of procedural penetration. Antici

Lecturers: Amit Amin, MD, Ajay J. Kirtane, Sahil A. Parikh, Sunil V. Rao, Arnold Seto, Binita Shah, Gregg W. Stone

EVENING PROGRAM: CHIP ANGIOGRAM REVIEW: WHAT'S NEW WITH FOCUSED CASE PRESENTATIONS (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ABIOMED, INC., BOSTON SCIENTIFIC CORPORATION, BTG GROUP INTERNATIONAL, CARDIOVASCULAR SYSTEMS, INC., CORDIS, A CARDINAL HEALTH COMPANY, PHILIPS, AND MEDTRONIC)

SATURDAY, SEPTEMBER 22, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 18-19, Level One

6:00 PM - 6:30 PM

Check-In & Reception

6:30 PM - 8:00 PM

CHIP Angiogram Review: What's New With Focused Case Presentations

Co Chairs: Dimitri Karpaliotis, Ajay J. Kirtane, Martin B. Leon, William L. Lombardi, Jeffrey W. Moses

Faculty: Mirvat Alasnag, Ziad A. Ali, Emmanouil S. Brilakis, Alaide Chieffo, Antonio Colombo, George D. Dangas, Cindy L. Grines, Jonathan M. Hill, Aaron Horne, Jr., Allen Jeremias, Jaikirshan Khatri, James M. McCabe, Margaret B. McEntegart, Roxana Mehran, Manish A. Parikh, Andrew Sharp, Robert W. Yeh

6:30 PM Opening Remarks: CHIP Status Update

Lecturers: Jeffrey W. Moses

8:00 PM Adjourn

EVENING PROGRAM: EVERYDAY ANTIPLATELET DECISIONS: MAKING THE RIGHT CHOICES (SPONSORED BY CRF, SUPPORTED BY CHIESI USA, INC.)

SATURDAY, SEPTEMBER 22, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 14-17, Level One

6:00 PM - 6:30 PM

Check-In & Reception

6:30 PM - 8:00 PM

Everyday Antiplatelet Decisions: Making the Right Choices

Co Chairs: Deepak L. Bhatt, Pascal Vranckx

Discussants: John A. Bittl, Davide Capodanno, Roxana Mehran, Matthew J. Price, Daniel I. Simon

Faculty: Dominick J. Angiolillo, C. Michael Gibson, Tullio Palmerini, Gregg W. Stone, Robert W. Yeh

6:30 PM **First Decision. Acute Care: When to Use Potent Intravenous P2Y12 Inhibition**

Lecturers: Gregg W. Stone

6:40 PM **Case Study 1 With Discussion: A Case in Which I Wish I had Used Potent IV P2Y12 Inhibition**

Case Presenter: Dominick J. Angiolillo

6:50 PM **Second Decision. DAPT Duration: What Variables Really Matter When Balancing Ischemic vs Bleeding Risk**

Lecturers: Deepak L. Bhatt

7:00 PM **Case Study 2 With Discussion: DAPT Duration Decision in a Patient at High Risk for Ischemia and Bleeding**

Case Presenter: Tullio Palmerini

7:10 PM **Third Decision. Antiplatelet Monotherapy: Who Which When and Why**

Lecturers: Pascal Vranckx

7:20 PM **Case Study 3 With Discussion: A Case for Antiplatelet Monotherapy**

Case Presenter: Dominick J. Angiolillo

7:30 PM **Fourth Decision. DAPT Use After DES in the Patient With Atrial Fibrillation: Practical Recommendations**

Lecturers: C. Michael Gibson

7:40 PM **Case Study 4 With Discussion: A Patient with Simultaneous Active Ischemia and Bleeding**

Case Presenter: Robert W. Yeh

7:50 PM **Unanswered Questions From the Audience**

8:00 PM **Adjourn**

1:00 PM - 4:00 PM

***Hands-on Training Rotations Are From: [1:00 PM-1:50 PM]; [2:00 PM-2:50 PM]; [3:00 PM-3:50 PM]**

Moderators: Julie Logan

1:00 PM - 4:00 PM

Coronary Session (50 Minute Rotations)

Interactive Training Faculty: Martina Kelly Speight

2:50 PM **Break for Rotation Transition**

1:00 PM - 4:00 PM

Structural Heart Session (50 Minute Rotations)

Interactive Training Faculty: Marian C. Hawkey

1:50 PM **Break for Rotation Transition**

2:50 PM **Break for Rotation Transition**

FDA TOWN HALL

FDA TOWN HALL MEETING PART 1: IMPORTANT PROGRAMS

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 6:00 PM

Room 29A-B, Upper Level

2:00 PM - 2:50 PM

Session I. Twenty Years of Town Hall Open Dialogue Between FDA, Clinicians Researchers, and Industry

Moderators: Mitchell W. Krucoff, Gregg W. Stone

Discussants: David E. Kandzari, Aaron V. Kaplan, William H. Maisel, Roxana Mehran, Michael A. Mussallem, Campbell Rogers, Sean Salmon, Bram D. Zuckerman

2:00 PM **The TCT FDA Town Hall Meetings in Perspective: A Multidisciplinary Collaborative Venture**

Lecturers: Martin B. Leon

2:05 PM **Keynote Lecture: FDACDRH The Year in Review**

Lecturers: William H. Maisel

2:50 PM - 3:50 PM

Session II. Patient Engagement in Clinical Trials: Strides and Tribulations

Moderators: John C Laschinger

Co Moderator: Wayne B. Batchelor, Megan Coylewright

Discussants: J. Dawn Abbott, Lori M Ashby, Robert A. Byrne, David A. Cox, Mona Fiuzat, Christopher O'Connor, John A. Spertus, Susan Strong

2:50 PM **FDA's Patient Engagement Initiatives: How FDA Can Incorporate Patient Centered and Patient Reported Outcomes in Regulatory Decision Making**

Lecturers: John C Laschinger

NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: HANDS-ON TRAINING

SATURDAY, SEPTEMBER 22, 2018

1:00 PM - 4:00 PM

Room 6C, Upper Level

Accreditation: CME,CNE,ASRT,MOC

2:58 PM **Patient Centered Engagement in Trials: Case Example** ADAPTABLE
Case Presenter: Schuyler Jones

3:30 PM **Roundtable Discussion with Audience QA**

3:50 PM - 5:00 PM

Session III: Evaluation and Regulation of Devices Using Machine Learning and Artificial Intelligence

Moderators: C. Michael Gibson, William H. Maisel

Discussants: Mohua Choudhury, Peter J. Fitzgerald, Ran Kornowski, James K. Min, Peter P. Monteleone, Christopher O'Connor, Campbell Rogers, Larry L. Wood, Bram D. Zuckerman

3:50 PM **Keynote Lecture: The Potential Impact of Machine Learning Artificial Intelligence on Cardiovascular Medical Device Development**
Lecturers: Peter J. Fitzgerald

4:00 PM **FDA Perspectives**
Lecturers: Mohua Choudhury

4:08 PM **Clinician Scientist/Trialist Perspective**
Lecturers: James K. Min

4:16 PM **Industry Perspective**
Lecturers: Campbell Rogers

4:24 PM **Patient Perspective**
Lecturers: Susan Strong

4:32 PM **Roundtable Discussion with Audience QA**

5:00 PM - 6:00 PM

Session IV. Device Innovation: Early Feasibility Studies, EFS Network, and Beyond

Moderators: Andrew Farb, Martin B. Leon

Discussants: Neal L. Eigler, Rick Geoffrion, Juan F. Granada, David R. Holmes Jr., Aaron V. Kaplan, Michael J. Mack, Liz McDermott, Sean Salmon, Jaime Walkowiak, Changfu Wu

5:00 PM **The US EFS Program: FDA Update**
Lecturers: Andrew Farb

5:08 PM **The Second Generation Cardiovascular EFS Pilot: Progress Report**
Lecturers: David R. Holmes Jr.

5:18 PM **Promoting Medical Device Innovation: MDIC Perspectives**
Lecturers: Liz McDermott

5:26 PM **EFS Decisions: Start up Company Considerations**
Lecturers: Beverly A Huss

5:34 PM **EFS Experiences From the Industry Client Perspective: Whats Good and What Needs to Change**
Lecturers: Donald E. Bobo Jr

5:42 PM **Roundtable Discussion with Audience QA**

8:00 AM **1. Access Closure**
Interactive Training Faculty: Amir Kaki, Umamahesh C Rangasetty, Rajiv Tayal

8:30 AM **2. Percutaneous Axillary Access/Large Bore Access and Closure: Overview**
Interactive Training Faculty: Amir Kaki, Umamahesh C Rangasetty, Rajiv Tayal

8:30 AM **3. Hands on Percutaneous Axillary Access/Large Bore Access and Closure**

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #2 - CARDIOGENIC SHOCK (NCSI)

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Cardiogenic Shock: The National Cardiogenic Shock Initiative

Interactive Training Faculty: Ken Kasica, William W. O'Neill, Brian D Porvin, Dan Raess

10:00 AM **NCSI: Improving Outcomes in Cardiogenic Shock**
Interactive Training Faculty: William W. O'Neill

10:20 AM **ICU Management: Positioning Troubleshooting Escalation/Hands On**
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

10:20 AM **Treating the Shock Patient: Choosing the Optimal Support Device Harvi Simulation/Hands On/PAC Use and Interpretation**
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #3 - HEMODYNAMICS OF SHOCK AND HIGH RISK PCI

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

TEACH: Training and Education in Advanced Cardiovascular Hemodynamics

Interactive Training Faculty: Daniel Burkhoff, Ken Kasica, John M. Lasala, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:00 PM **TEACH Intro**
Interactive Training Faculty: Daniel Burkhoff

2:20 PM **Simulated Cases on Cardiogenic Shock**
Interactive Training Faculty: Daniel Burkhoff, Ken Kasica, John M. Lasala, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:20 PM **Simulated Cases On High Risk Percutaneous Coronary Intervention**
Interactive Training Faculty: Daniel Burkhoff, Ken Kasica, John M. Lasala, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #4 - COMPLEX PROTECTED PCI

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

HEMODYNAMIC PAVILION

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #1 - LARGE BORE ACCESS AND CLOSURE

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Large Bore Access and Closure

4:00PM - 5:30 PM

High Risk Percutaneous Coronary Intervention

Interactive Training Faculty: Daniel Burkhoff, Mauricio G. Cohen, Ken Kasica, Duane S. Pinto, Dan Raess, Umamahesh C Rangasetty

4:00 PM **Patient Identification**

Interactive Training Faculty: Hiram G. Bezerra

4:20 PM **Insertion/Repositioning: Hands On**

Interactive Training Faculty: Daniel Burkhoff, Mauricio G. Cohen, Ken Kasica, Duane S. Pinto, Dan Raess, Umamahesh C Rangasetty

4:20 PM **Simulated Cases on High Risk Percutaneous Coronary Intervention**

Interactive Training Faculty: Daniel Burkhoff, Mauricio G. Cohen, Ken Kasica, Duane S. Pinto, Dan Raess, Umamahesh C Rangasetty

3:30PM - 4:00 PM

Session III. Multivessel With High Euro Score

Moderators: Amr Kamal, Mohamed Ahmed Sobhy, Sherif Wagdy
Discussants: George D. Dangas, Hossam I. Kandil, Mahmoud Soliman

3:30 PM **Case 5: ACS And Multivessel Disease**

Case Presenter: Mohamed Loutfi

3:40 PM **Case 6: NSTEMI and Multivessel Disease**

Case Presenter: Mohamed Elsayed Elsetiha

3:50 PM **Roundtable Discussion**

3:55 PM **Summary and Take Home Messages**

Lecturers: Ori Ben-Yehuda

SPECIAL@TCT SESSIONS

SPECIAL @TCT SESSION: CVREP@TCT - THE CHIP FORUM

SATURDAY, SEPTEMBER 22, 2018

2:30 PM - 4:00 PM

Room 23B-C, Upper Level

2:30PM - 2:35 PM

Introduction and Session Goals

2:30 PM **Introduction and Session Goals**

Lecturers: Mohamed Ahmed Sobhy

2:35PM - 3:05 PM

Session I. Calcified Lesions

Moderators: Amr Kamal, Mohamed Ahmed Sobhy, Sherif Wagdy
Discussants: Tarek Helmy

2:35 PM **Case 1: Complex Diffuse Coronary Artery Disease**

Case Presenter: Amr Mahmoud Zaki

2:45 PM **Roundtable Discussion**

2:50 PM **Case 2: Complex Multivessel PCI With Severely Calcified Lesions**

Case Presenter: Mohamed Sadaka

3:00 PM **Roundtable Discussion**

3:05PM - 3:30 PM

Session II. CTO

Moderators: Amr Kamal, Mohamed Ahmed Sobhy, Sherif Wagdy
Discussants: Ayman Abou El Magd, Ziad A. Ali, Tyrone J. Collins

3:05 PM **Case 3: A Challenging CTO Antegrade Case**

Case Presenter: Sherif Elbeltagui

3:15 PM **Case 4: Antegrade Fenestration and Re Entry A New Technique**

Case Presenter: Yasser Sadek

3:25 PM **Roundtable Discussion**

SPECIAL @TCT SESSION: TCT RUSSIA

SATURDAY, SEPTEMBER 22, 2018

3:00 PM - 5:00 PM

Presentation Theater 1, Hall B2, Ground Level

3:00PM - 5:00 PM

Complex Interventional Procedures in the High-risk Patient: A Case-Based Symposium in Collaboration With TCT Russia

Moderators: Bagrat Alekryan, Juan F. Granada
Discussants: Vladimir Ganyukov, Samir R. Kapadia, Zaza Kavteladze, Roxana Mehran, Jeffrey W. Moses, Alex Nikanorov, Roman Tarasov, Narek Zakarian

3:00 PM **Introduction**

Lecturers: Jeffrey W. Moses

3:05 PM **Featured Lecture: Hemodynamic Support in Complex Interventional Procedures Clinical Indications Available Devices and Clinical Outcomes**

Lecturers: Jeffrey W. Moses

3:15 PM **Case Presentation: Complex Left Main and Retrograde Right Coronary Recanalization Procedure**

Case Presenter: Narek Zakarian

3:25 PM **Case Presentation: ECMO Assisted TAVR**

Case Presenter: Vladimir Ganyukov

3:35 PM **Roundtable Discussion**

3:45 PM **Featured Lecture: The High risk Patient: Risk Assessment and Current Recommendations for DAPT and OAC**

Lecturers: Roxana Mehran

3:55 PM **Case Presentation: Hybrid Approach in Treatment of Patient With Critical Aortic Stenosis Unprotected Left Main Lesion and Stomach Cancer**

Case Presenter: Bagrat Alekryan

4:05 PM **Case Presentation: Endovascular Interventions Following Large Open Surgery**

Case Presenter: Zaza Kavteladze

4:15 PM **Roundtable Discussion**

4:25 PM **Featured Presentation: Simultaneous LAA Closure With Structural Heart Procedures Indications and Postinterventional Management**

Lecturers: Samir R. Kapadia

4:35 PM **Case Presentation: Stenting of the Right Ventricular Outflow Tract in a Child With Tetralogy of Fallot: Clinical Results and Histological Data of the Explanted Stent**

Case Presenter: Roman Tarasov

4:45 PM **Roundtable Discussion**

4:55 PM **Take home Messages**

Lecturers: Bagrat Alekyan

LBCT DISCUSSIONS

DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS I

SATURDAY, SEPTEMBER 22, 2018

5:00 PM - 6:00 PM

Ballroom 6A, Upper Level

5:00PM - 6:00 PM

Discussions With the Late Breaking Trial Principal Investigators I

Moderators: Sripal Bangalore, Lawrence A. Garcia

Discussants: Giuseppe De Luca, William A. Gray, Mahmood K. Razavi, Luigi Salemme, Patrick W. Serruys, Pieter R. Stella, Clemens von Birgelen

5:00 PM **BIONYX: Summary and Clinical Implications**

Lecturers: Clemens von Birgelen

5:05 PM **Discussion**

Discussants: Clemens von Birgelen

5:15 PM **TALENT: Summary and Clinical Implications**

Lecturers: Patrick W. Serruys

5:20 PM **Discussion**

Discussants: Patrick W. Serruys

5:30 PM **ReCre8: Summary and Clinical Implications**

Lecturers: Pieter R. Stella

5:35 PM **Discussion**

Discussants: Pieter R. Stella

5:45 PM **IMPERIAL: Summary and Clinical Implications**

Lecturers: William A. Gray

5:50 PM **Discussion**

Discussants: William A. Gray

ABBOTT PAVILION

TRAINING: ABBOTT PAVILION #1 - MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

MitraClip NTR & XTR: Device & Procedural Techniques

Interactive Training Faculty: Anita Asgar, Wayne B. Batchelor, Bassem Chehab, Paolo Denti, James B. Hermiller Jr, Paul D. Mahoney, Moody M Makar, Andrew Morse, Ahmed I Mustafa, Mark J. Ricciardi, Michael J. Rinaldi, David G. Rizik, Evelio Rodriguez, Joshua Rovin, Gagan D Singh, Maurizio Taramasso

8:00 AM **Introduction**

8:05 AM **Didactic Device Overview**

8:25 AM **Hands on Device Deployment**

TRAINING: ABBOTT PAVILION #2 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON SKILLS LAB

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Now That I See It, I Know How to Treat It! A Hands-On Skills Lab

Interactive Training Faculty: Ziad A. Ali, Hiram G. Bezerra, Jonathan M. Hill, Vamsi Krishna, Evan Shlofmitz, Richard Shlofmitz, Gabriel Tensol Rodrigues Pereira, Armando Vergara-Martel

10:00 AM **OCT: Now that I see It.. Presentation**

TRAINING: ABBOTT PAVILION #3 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER'S GUIDE TO GUIDE WIRE TECHNOLOGY

SATURDAY, SEPTEMBER 22, 2018

12:00 PM - 1:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00PM - 1:30 PM

Guidewire Design and Selection: A Hands-on User's Guide to Guide Wire Technology

Interactive Training Faculty: David Daniels, Jack Hall, Amir Kaki, William Nicholson, Robert F. Riley

12:00 PM **Introduction**

12:05 PM **Didactic on Guidewire Building Blocks and WH wires**

12:15 PM **Hands on Workhorse Wires Activity**

12:30 PM **Polymer Jacketed Wires Overview and Hands on Activity**

12:50 PM **Extra SupportSpecialty wires Overview and Hands on Activity**

1:10 PM **Wiggle wire Overview and Hands on Activity**

TRAINING: ABBOTT PAVILION #4- SAVE THAT SIDE BRANCH! PRESERVING SIDE BRANCH ACCESS: A HANDS-ON PRACTICAL SKILLS LAB

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Save That Side Branch! Preserving Side Branch Access: A Hands-on Practical Skills Lab

Interactive Training Faculty: Emmanouil S. Brilakis, Jean-François Tanguay, Nick E. J. West, Jason Wollmuth

- 2:00 PM **Introduction**
- 2:05 PM **SBA Technique Overview and Hand On Guided SessionTechnique 1**
- 2:45 PM **SBA Technique Overview and Hand On Guided SessionTechnique 2**
- 3:25 PM **Wrap Up**

TRAINING: ABBOTT PAVILION #5 - LARGE BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED!!) TO KNOW

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Large Bore Access to Close: What You Want (and Need!!) to Know

Interactive Training Faculty: Adhir Shroff

- 4:00 PM **Introduction: Access Planning and Management of ComplicationsReview**
- 4:20 PM **Hands on Device Deployment**

BOSTON SCIENTIFIC PAVILION

TRAINING: BOSTON SCIENTIFIC PAVILION #1 - IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES AND HIGH DEFINITION IVUS

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS

Interactive Training Faculty: Yiannis S Chatzizisis, William F. Fearon, Allen Jeremias, Morton J. Kern

- 8:00 AM **Welcome Remarks**
- 8:05 AM **Coronary physiology toolbox and new options in non hyperemic pressure ratios NHPR**
- 8:12 AM **When to use what in coronary physiology**
- 8:19 AM **FFR best practices and common artifacts**
- 8:27 AM **HD IVUS in complex cases**

TRAINING: BOSTON SCIENTIFIC PAVILION #2 - IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES AND HIGH DEFINITION IVUS

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS

Interactive Training Faculty: Yiannis S Chatzizisis, Allen Jeremias, Morton J. Kern

- 10:00 AM **Welcome Remarks**
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- 10:12 AM **When to use what in coronary physiology**
- 10:19 AM **FFR best practices and common artifacts**
- 10:27 AM **HD IVUS in complex cases**

TRAINING: BOSTON SCIENTIFIC PAVILION #3 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD'S 1ST HEAD-TO-HEAD DES TRIAL IN PVD ☐ ELUVIA VS ZILVER PTX

SATURDAY, SEPTEMBER 22, 2018

12:00 PM - 1:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00PM - 1:30 PM

Optimization of Drug Elution in the SFA: Update on the World's 1st Head-to-head DES Trial in PVD ☐ Eluvia vs Zilver PTX

Interactive Training Faculty: William A. Gray, Robert A. Lookstein, Carlos I. Mena-Hurtado, Sahil A. Parikh

- 12:00 PM **Welcome Remarks**
- 12:05 PM **Imperial Clinical Trial Update and The Science Behind Eluvia**
- 12:30 PM **When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies**
- 12:45 PM **Physician Panel Discussion**

TRAINING: BOSTON SCIENTIFIC PAVILION #4 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD'S 1ST HEAD-TO-HEAD DES TRIAL IN PVD ☐ ELUVIA VS ZILVER PTX

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Optimization of Drug Elution in the SFA: Update on the World's 1st Head-to-head DES Trial in PVD ☐ Eluvia vs Zilver PTX

Interactive Training Faculty: Gary M. Ansel, Anvar Babaev, William A. Gray, Craig M. Walker

- 2:00 PM **Welcome Remarks**
- 2:05 PM **Imperial Clinical Trial Update and The Science Behind Eluvia**
- 2:30 PM **When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies**

TRAINING: BOSTON SCIENTIFIC PAVILION #5 - OPTIMIZATION OF DRUG ELUTION IN THE SFA: RESULTS FROM THE WORLD'S 1ST HEAD-TO-HEAD DES TRIAL IN PVD □ ELUVIA VS ZILVER PTX

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

Optimization of Drug Elution in the SFA: Update on the World's 1st Head-to-head DES Trial in PVD □ Eluvia vs Zilver PTX

Interactive Training Faculty: Steve Henao, Carlos I. Mena-Hurtado, Nicolas W Shammas, Craig M. Walker

4:00 PM **Welcome Remarks**

4:05 PM **Imperial Clinical Trial Update and The Science Behind Eluvia**

4:30 PM **When to Consider Atherectomy Vessel Prep Prior to Drug Eluting Therapies**

4:45 PM **Physician Panel Discussion**

MEDTRONIC PAVILION

TRAINING: MEDTRONIC PAVILION #1 - STRUCTURAL HEART: TAVR IN BICUSPID AORTIC VALVE TRAINING WORKSHOP

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Structural Heart: TAVR in Bicuspid Aortic Valve Training Workshop

Interactive Training Faculty: Basel Ramlawi

8:00 AM **Introduction**

8:05 AM **Overview of Bicuspid Aortic Valve Disease State**

8:25 AM **Identification and Classification of Bicuspid Aortic Valves**

8:45 AM **Sizing methodology controversies and Procedural Considerations for Performing TAVR in Bicuspid**

TRAINING: MEDTRONIC PAVILION #2 - PV-SFA INTERVENTION IN COMPLEX LESIONS

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

PV-SFA Intervention in Complex Lesions

Interactive Training Faculty: Samer Abbas, S. Hinan Ahmed, Dmitriy N. Feldman

10:00 AM **Introduction**

10:05 AM **Understanding Complex Lesions in the SFA and Treatment Options for your Patients**

10:45 AM **Hands on Rotations PADMan hands on model with Directional Atherectomy**

TRAINING: MEDTRONIC PAVILION #3 - CORONARY: OPTIMIZING OUTCOMES IN PATIENTS WITH BIFURCATION LESIONS

SATURDAY, SEPTEMBER 22, 2018

12:00 PM - 1:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM

Coronary: Optimizing Outcomes in Patients With Bifurcation Lesions

Interactive Training Faculty: Adrian P. Banning, Francesco Burzotta, David Hildick-Smith, Jens Flensted Lassen

12:00 PM **Introduction**

12:05 PM **Bifurcations a Complex Lesion Subset**

12:30 PM **Bifurcation Treatment Techniques**

1:00 PM **The Left Main**

1:15 PM **Case Discussions QA**

TRAINING: MEDTRONIC PAVILION #4 - STRUCTURAL HEART: FUNDAMENTALS OF CARDIAC ANATOMY AND IMAGING CORRELATION

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Structural Heart: Fundamentals of Cardiac Anatomy and Imaging Correlation

Interactive Training Faculty: João L. Cavalcante, Basel Ramlawi

2:00 PM **Introduction**

2:05 PM **Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures**

TRAINING: MEDTRONIC PAVILION #5 - CORONARY: DO SIZE AND SHAPE MATTER? HOW TO CHOOSE THE □RIGHT□ DIAGNOSTIC AND GUIDE CATHETERS?

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

Coronary: Do Size and Shape Matter? How to Choose the "Right" Diagnostic and Guide Catheters?

Interactive Training Faculty: Mitchell W. Krucoff, Sunil V. Rao

4:00 PM **Introduction**

4:05 PM **Case Based Learning**

4:45 PM **QA and Simulator Hands on**

CHIP PAVILION

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #1 - PREPARE TO SUCCEED IN COMPLEX PCI

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Prepare to Succeed in Complex PCI

Interactive Training Faculty: George S Chrysant, Ajay J. Kirtane, Sukhjinder S Nijjer, Bruce Samuels, Jasvinder Singh, Joachim Weil

8:00 AM **Introduction**

8:05 AM **Topic 1 Procedural Guidance with iFR co registration Hands on Featured Devices: iFR Co Registration on SyncVision**

8:25 AM **Topic 2: Visualizing in stent restenosis with IVUS co registration Hands on Featured Devices: IVUS Co Registration on SyncVision**

8:45 AM **Topic 3: Vessel Treatment Preparation Case Review Featured Devices: ELCA Laser Atherectomy AngioSculpt**

9:05 AM **Topic 4: Vessel Preparation with laser atherectomy Hands on Featured Devices: ELCA Laser Atherectomy simulation**

9:25 AM **Closing Adjourn**

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #2 - PREPARE TO SUCCEED IN COMPLEX PCI

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Prepare to Succeed in Complex PCI

Interactive Training Faculty: George S Chrysant, Sukhjinder S Nijjer, Manish A. Parikh, Bruce Samuels, Jasvinder Singh, Joachim Weil

10:00 AM **Introduction**

10:05 AM **Topic 1 Procedural Guidance with iFR co registration Hands on Featured Devices: iFR Co Registration on SyncVision**

10:25 AM **Topic 2: Visualizing in stent restenosis with IVUS co registration Hands on Featured Devices: IVUS Co Registration on SyncVision**

10:45 AM **Topic 3: Vessel Treatment Preparation Case Review Featured Devices: ELCA Laser Atherectomy AngioSculpt**

11:05 AM **Topic 4: Vessel Preparation with laser atherectomy Hands on Featured Devices: ELCA Laser Atherectomy simulation**

11:25 AM **Closing Adjourn**

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #3 - UNDERSTANDING AND PREPARING FOR NEW STRUCTURAL HEART DISEASE INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Understanding and Preparing for New Structural Heart Disease Interventions

Interactive Training Faculty: Tilak Pasala, Robert A. Quaife, Dominik M. Wiktor

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #4 - UNDERSTANDING AND PREPARING FOR NEW STRUCTURAL HEART DISEASE INTERVENTIONS

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

Understanding and Preparing for New Structural Heart Disease Interventions

Interactive Training Faculty: Tilak Pasala, Robert A. Quaife, Dominik M. Wiktor

ENDOVASCULAR PAVILION

TRAINING: ENDOVASCULAR PAVILION #1 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

BTK (Tibiopedal Access) Session I

Interactive Training Faculty: George L Adams, Mohammad Mehdi Ansari, Philip Green, Karthik R. Gujja, Jun Li, Aravinda Nanjundappa, Rahul Sakhuja, Ramzan Zakir

8:00 AM **Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

TRAINING: ENDOVASCULAR PAVILION #2 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

ENDOASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

BTK (Tibiopedal Access) Session II

Interactive Training Faculty: Ali F. Aboufares, Philip Green, Karthik R. Gujja, Steve Henao, Arthur C. Lee, Luis Mariano Palena, Rahul Sakhuja, Ramzan Zakir

10:00 AM **Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

TRAINING: ENDOVASCULAR PAVILION #3 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

ENDOASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

BTK (Tibiopedal Access) Session III

Interactive Training Faculty: Beau Hawkins, Vishal Kapur, Tak W. Kwan, Arthur C. Lee, Jun Li, S. Jay Mathews, Kevin Rogers

2:00 PM **Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

TRAINING: ENDOVASCULAR PAVILION #4 - TIBIOPEDAL ACCESS

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

ENDOASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

BTK (Tibiopedal Access) Session IV

Interactive Training Faculty: George S Chrysant, Tony Das, Larry J. Diaz-Sandoval, Vishal Kapur, Ethan C Korngold, Tak W. Kwan, Jun Li, S. Jay Mathews

4:00 PM **Introduction: The Need for Guided Alternate Access Tibiopedal Antegrade**

IMAGING PAVILION

TRAINING: INTERVENTIONAL IMAGING PAVILION #1 - TRANS-SEPTAL CROSSING FOR LAA USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

Imaging Pavilion, Interactive Training Workshop, Upper Level

8:00 AM - 9:30 AM

Trans-septal Crossing for LAA Using TEE and 3D Volume ICE

Interactive Training Faculty: Isaac George, Rebecca T. Hahn, Brij Maini, Robert J. Sommer, Torsten P. Vahl

TRAINING: INTERVENTIONAL IMAGING PAVILION #2 - TRANS-SEPTAL CROSSING FOR LAA USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

10:00 AM - 11:30 AM

Trans-septal Crossing for LAA Using TEE and 3D Volume ICE

Interactive Training Faculty: Isaac George, Omar K. Khaliq, Brij Maini, Gagan D Singh, Torsten P. Vahl

TRAINING: INTERVENTIONAL IMAGING PAVILION #3 - TRANS-SEPTAL CROSSING FOR MITRAL USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

2:00 PM - 3:30 PM

Trans-septal Crossing for Mitral Using TEE and 3D Volume ICE

Interactive Training Faculty: Rebecca T. Hahn, Brij Maini, Tamim Nazif, Gagan D Singh, Torsten P. Vahl

TRAINING: INTERVENTIONAL IMAGING PAVILION #4 - TRANS-SEPTAL CROSSING FOR MITRAL USING TEE AND 3D VOLUME ICE

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

4:00 PM - 5:30 PM

Trans-septal Crossing for Mitral Using TEE and 3D Volume ICE

Interactive Training Faculty: Isaac George, Omar K. Khaliq, Chad Kliger, Brij Maini

TAVR PAVILION

TRAINING: TAVR PAVILION #1 - ADVANCING ANESTHESIA CARE

SATURDAY, SEPTEMBER 22, 2018

8:00 AM - 9:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

Advancing Anesthesia Care

Interactive Training Faculty: George Gellert, Chad Kliger, Komal D Patel, William M Suh

TRAINING: TAVR PAVILION #2 - UNDERSTANDING THV HEMODYNAMICS AND DURABILITY

SATURDAY, SEPTEMBER 22, 2018

10:00 AM - 11:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Understanding THV Hemodynamics and Durability

Interactive Training Faculty: Amr Abbas, Rebecca T. Hahn, Vinod H. Thourani, Neil J. Weissman

TRAINING: TAVR PAVILION #3 - ADVANCING EFFICIENCY IN TAVR

SATURDAY, SEPTEMBER 22, 2018

2:00 PM - 3:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Advancing Efficiency in TAVR

Interactive Training Faculty: David J. Cohen, Patricia Keegan, James L. Velianou, David A. Wood

TRAINING: TAVR PAVILION #4 - HOW TO APPROACH AORTIC AND MITRAL VALVE-IN-VALVE

SATURDAY, SEPTEMBER 22, 2018

4:00 PM - 5:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

How to Approach Aortic and Mitral Valve-in-Valve

Interactive Training Faculty: Vinayak Bapat, Bassem Chehab, Paul D. Mahoney, John G. Webb

SUNDAY, SEPTEMBER 23, 2018

BREAKFAST PROGRAMS

BREAKFAST PROGRAM: ADVANCES IN SFA INTERVENTION - A CASE-BASED REVIEW (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 27A-B, Upper Level

6:30AM - 7:00 AM

Check-in & Breakfast

7:00AM - 8:00 AM

Breakfast Program: Advances in SFA Intervention - A Case Based Review

Chairs: Sahil A. Parikh

Faculty: Ehrin J. Armstrong, Arthur C. Lee, Mehdi H. Shishehbor

7:00 AM **CTO Crossing: Alternate Access or Alternate Devices**

Lecturers: Arthur C. Lee

7:10 AM **Panel Discussion: Lesion Crossing Challenges**

7:20 AM **Lesion Preparation in SFA Intervention: To Cut Spin Vaporize or Not**

Lecturers: Ehrin J. Armstrong

7:30 AM **Drug Coated Balloons: Whats the Secret Sauce**

Lecturers: Mehdi H. Shishehbor

7:40 AM **Stents for the SFA: Is a Stent Just a Stent**

Lecturers: Sahil A. Parikh

7:50 AM **Panel Discussion: Whats My SFA Treatment Algorithm**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: ANTITHROMBOTIC MANAGEMENT IN TAVR WITH ATRIAL FIBRILLATION (ORGANIZED BY CRF, SPONSORED BY DAIICHI SANKYO, INC.)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 26A-B, Upper Level

6:30AM - 7:00 AM

Check-In & Breakfast

7:00AM - 8:00 AM

Antithrombotic Management in TAVR With Atrial Fibrillation

Co Chairs: George D. Dangas

Faculty: Raj Makkar, Josep Rodés-Cabau

- 7:00 AM **Atrial Fibrillation AF in TAVR: Not Just an Innocent Bystander**
Lecturers: Josep Rodés-Cabau
- 7:20 AM **What is the Rationale for DOAC in TAVR With AF**
Lecturers: George D. Dangas
- 7:32 AM **Leaflet Thrombosis After AVR: Is DOAC the Answer**
Lecturers: Raj Makkar
- 7:44 AM **Panel Discussion**
- 8:00 AM **Adjourn**

- 6:30 AM **Check in Breakfast**
- 7:00 AM **Use of Impella Ventricular Assist Device In Massive Pulmonary Embolism Associated Cardiogenic Shock**
Lecturers: Ali Farooq
- 7:15 AM **QA**
- 7:20 AM **Successful Impella CP Device Use For High Risk Unprotected Left Main Percutaneous Coronary Intervention In a Patient With Acute Myocardial Infarction With Severe Aortic Regurgitation**
Lecturers: Hirofumi Ohtani
- 7:35 AM **QA**
- 7:40 AM **High Risk PCI With Axillary Impella Support**
Lecturers: Abhishek Sharma
- 7:55 AM **QA**
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: A VIRTUAL REALITY IN PRACTICE VIEW - MAXIMIZING CLINICAL BENEFIT THROUGH OPTIMAL LDL-C REDUCTIONS IN PATIENTS WITH ATHEROSCLEROTIC DISEASE (SPONSORED BY MED LEARNING GROUP, SUPPORTED BY SANOFI US)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 30D-E, Upper Level

6:30 AM - 8:00 AM

A Virtual Reality in Practice View: Maximizing Clinical Benefit Through Optimal LDL-C Reductions in Patients With Atherosclerotic Disease

Co Chairs: Harold E Bays, Deepak L. Bhatt

- 6:30 AM **Check in and Breakfast**
- 7:00 AM **Pathogenesis of Atherosclerotic Cardiovascular Disease**
- 7:10 AM **Hypercholesterolemia Management in the Post ACS Patient**
- 7:20 AM **PCSK9 Inhibitors Efficacy Safety and Mechanism of Action in the ACS Patient**
- 7:30 AM **Medical Economics of PCSK9 Inhibition in the ACS Patient**
- 7:40 AM **Clinical Case Studies**
- 7:50 AM **Conclusions and QuestionsAnswers**
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: NEW FRONTIERS IN ROBOTIC INTERVENTIONS: CURRENT & FUTURE TECHNOLOGY (SPONSORED BY CORINDUS VASCULAR ROBOTICS)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 31B-C, Upper Level

6:30 AM - 8:00 AM

New Frontiers in Robotic Interventions: Current & Future Technology

Faculty: Lawrence Ang, J. Aaron Grantham, Mitchell W. Krucoff, Ryan D. Madder, Manish A. Parikh

- 6:30 AM **Check in and Breakfast**
- 7:00 AM **Welcome Introduction**
Lecturers: J. Aaron Grantham
- 7:05 AM **New Clinical Evidence in Robotic Interventions**
Lecturers: Lawrence Ang
- 7:15 AM **Robotics for Complex PCI: A Case Series**
Lecturers: Manish A. Parikh
- 7:25 AM **The 1st Remote PCI from 100 Miles Away**
Lecturers: Ryan D. Madder
- 7:40 AM **Building the Next Generation Robot**
Lecturers: Mitchell W. Krucoff
- 7:50 AM **QA w Moderator**
Lecturers: J. Aaron Grantham
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: MANAGEMENT OF COMPLEX PCI PATIENTS: AWARD WINNING CASE PRESENTATIONS (ORGANIZED BY CRF, SPONSORED BY ABIOMED, INC.)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 23B-C, Upper Level

6:30 AM - 8:00 AM

Management of Complex PCI Patients: Award Winning Case Presentations

Chairs: David Wohns, MD

Panel Discussant: Amir Kaki

Faculty: Ali Farooq, Hirofumi Ohtani, Abhishek Sharma

BREAKFAST PROGRAM: OPTIMIZATION OF VESSEL ACCESS AND CLOSURE IN LARGE BORE CATHETER PROCEDURES (SPONSORED BY CRF, SUPPORTED BY ...)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 32A-B, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

Optimization of Vessel Access and Closure in Large Bore Catheter Procedures: Tips and Tricks Case-Based Review

Co Chairs: Philippe Genereux, Martin B. Leon

Faculty: Amir Kaki, James M. McCabe, Michael J. Rinaldi, Rajiv Tayal, David A. Wood

- 7:00 AM **Introduction**
Lecturers: Martin B. Leon
- 7:02 AM **Getting Optimal Arterial and Venous Access for Large Bore Catheter Procedures**
Lecturers: Michael J. Rinaldi
- 7:12 AM **Large Bore Vessel Closure Management: Tips and Tricks and Adjunctive Techniques**
Lecturers: Amir Kaki
- 7:22 AM **Access and Closure for Alternative Access: Focus on Percutaneous Transaxillary Approach**
Lecturers: James M. McCabe
- 7:32 AM **Real Time Bleed Detection: Novel Saranas Early Bird Bleed Monitoring**
Lecturers: Philippe Genereux
- 7:42 AM **Upcoming Closure Device System Dedicated to Large Bore Procedure**
Lecturers: David A. Wood
- 7:52 AM **Discussion and Conclusion**
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: PFO CLOSURE FOR CRYPTOGENIC STROKE RISK REDUCTION: LATEST CLINICAL DATA, BEST IMAGING PRACTICES AND REAL-WORLD CASES (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 28A-B, Upper Level

6:30 AM - 8:00 AM

PFO Closure for Cryptogenic Stroke Risk Reduction: Latest Clinical Data, Best Imaging Practices and Real-World Cases

Faculty: John D. Carroll, Vaikom Subra Mahadevan, MD, David E. Thaler

- 6:30 AM **Check in Breakfast**
- 7:00 AM **Welcome**
Lecturers: John D. Carroll
- 7:05 AM **The Latest Clinical Data: Updated PFO Closure for Cryptogenic Stroke Clinical Trial Review and Guidelines**
Lecturers: David E. Thaler
- 7:20 AM **PFO Closure: Imaging Best Practices and Real World Case Studies**
Lecturers: Vaikom Subra Mahadevan, MD
- 7:35 AM **What Is a PFO Clinic How Does It Work To Optimize Care**
Lecturers: John D. Carroll

7:50 AM **Closing Remarks**

Lecturers: John D. Carroll

8:00 AM **Adjourn**

BREAKFAST PROGRAM: TAVR SHIFT TO INTERMEDIATE RISK PATIENTS: PRACTICAL CONSIDERATIONS FOR THE HEART TEAM AND HOSPITALS (ORGANIZED BY CRF, SPONSORED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 25A-B, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

TAVR Shift to Intermediate Risk Patients: Practical Considerations for the Heart

Chairs: Michael J. Reardon

Faculty: Danny Dvir, Hemal Gada, James B. Hermiller Jr, Christian Spies

7:00 AM **Hemodynamics: From Lower Gradients to Less Leaflet Immobility: Why Should You Care**

Lecturers: Danny Dvir

7:10 AM **Learnings That are Applicable to ALL Centers on Procedural Efficiency**

Lecturers: Christian Spies

7:20 AM **Post TAVR PCI: What Does the Data Say and What Have We Learned**

Lecturers: James B. Hermiller Jr

7:30 AM **Single Digit Pacemaker Implantation Rates How I Achieve Them in My Center**

Lecturers: Hemal Gada

7:40 AM **TAVR in Bicuspid Valves**

Lecturers: Christian Spies

7:50 AM **Discussion**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: THE NEXT GEN CATH LAB ADDRESSING CRITICAL ISSUES IN 2019 AND BEYOND (SPONSORED BY ACIST)

SUNDAY, SEPTEMBER 23, 2018

6:30 AM - 8:00 AM

Room 28D-E, Upper Level

6:30 AM - 8:00 AM

The Next Gen Cath Lab Addressing Critical Issues in 2019 and Beyond

Chairs: Morton J. Kern

Faculty: Jeff Chambers, Robert F. Wilson, MD

- 6:30 AM **Check in Breakfast**
- 7:00 AM **Welcome**
Lecturers: Morton J. Kern
- 7:15 AM **Contrast Media Toxicity Limiting the Effects of AKI through Volume Control**
Lecturers: Jeff Chambers
- 7:25 AM **Reducing Radiation Exposure for the Entire Heart Team**
Lecturers: Robert F. Wilson, MD
- 7:40 AM **Improving CAD Assessment in the Cath Lab: Sensor and Angiographically Based FFR and Translesional Physiology**
Lecturers: Morton J. Kern
- 7:55 AM **Wrap upQA**
Lecturers: Morton J. Kern
- 8:00 AM **Adjourn**

Case Presenter: Mathew Williams

- 9:45 AM **Bicuspid Aortic Stenosis: How To Treat**

Case Presenter: Ran Kornowski

- 9:55 AM **Secondary Mitral Regurgitation With Severely Reduced LVEF**

Case Presenter: Saibal Kar

10:05 AM - 10:20 AM

TCT 2018 Career Achievement Award

Moderators: Martin B. Leon, Gregg W. Stone

Award Recipients: Bram D. Zuckerman

- 10:05 AM **TCT 2018 Career Achievement Award**

Lecturers: Martin B. Leon

10:20 AM - 11:20 AM

Late-Breaking Trials 3, Sponsored by JAMA

Moderators: Martin B. Leon

Co Moderator: Robert O. Bonow, Eric D. Peterson

Discussants: Stefan Anker, Stephan Baldus, Blase A. Carabello, Scott Lim, Michael J. Mack, Jean-Francois Obadia, Michael J. Reardon, Joachim Schofer, Stephan Windecker

- 10:20 AM **COAPT: A Randomized Trial of Transcatheter Mitral Valve Leaflet Approximation in Patients With Heart Failure and Secondary Mitral Regurgitation**

Lecturers: Gregg W. Stone

- 10:35 AM **Roundtable Discussion**

- 10:45 AM **REDUCE FMR: A Sham Controlled Randomized Trial of Transcatheter Mitral Valve Indirect Annuloplasty in Patients With Heart Failure and Secondary Mitral Regurgitation**

Lecturers: Horst Sievert

- 10:55 AM **Roundtable Discussion**

- 11:00 AM **SOLVE TAVI: A 2x2 Randomized Trial of Self Expandable vs Balloon Expandable Valves and General vs Local Anesthesia in Patients Undergoing Transcatheter Aortic Valve Implantation**

Lecturers: Holger Thiele

- 11:12 AM **Roundtable Discussion**

11:20 AM - 12:05 PM

Live Cases #4

Live Case Moderators: Sahil A. Parikh

Live Case Co Moderators: Tony Das

Live Case Discussants: Somjot S. Brar, Brian G. DeRubertis, Lawrence A. Garcia, Vishal Kapur, Robert A. Lookstein, Oscar A. Mendiz, Aman B. Patel, Virendra I Patel, James P. Zidar

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Hussein M. Rahim, Sabato Sorrentino, Eisuke Usui

- 11:20 AM **Wellmont Holston Valley Hospital Kingsport TN**

Live Case Operators: Mark Aziz, D. Christopher Metzger

12:05 PM - 1:05 PM

Late-Breaking Clinical Science 1, Co-Sponsored by The Journal of The American College of Cardiology

Moderators: Valentin Fuster

Co Moderator: Jaya Chandrasekhar, Habib Samady, Stephan Windecker

Discussants: Mauricio G. Cohen, Carlo Di Mario, Mayra Guerrero, Rebecca T. Hahn, David Hildick-Smith, Karl-Heinz Kuck, Irene M. Lang, Alex M. K. Rothman

MAIN ARENA

MAIN ARENA II, SUNDAY, SEPT. 23

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 1:05 PM

Main Arena, Hall F, Ground Level

Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 9:30 AM

Live Cases #3

Live Case Moderators: Gregg W. Stone

Live Case Co Moderators: Alain G. Cribier

Live Case Discussants: Peter C. Block, Sammy Elmariah, Isaac George, Rebecca T. Hahn, James B. Hermiller Jr, Howard C. Herrmann, Eric Horlick, Ruediger S. Lange, Raj Makkar, Wilson Y. Szeto

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Hussein M. Rahim, Sabato Sorrentino, Eisuke Usui

- 8:00 AM **Erasmus Medical Center Rotterdam Netherlands**

Live Case Operators: Nicolas M. Van Mieghem Live Case Guest

Operators: Didier Tchetché

- 8:45 AM **Henry Ford Hospital Detroit MI**

Live Case Operators: Khaldoun Alaswad, Marvin Eng, Tiberio Frisoli, Michael Isley, James Lee, William W. O'Neill, Pedro Villablanca, Dee Dee Wang

9:30 AM - 9:35 AM

TCT 2018: Welcome and Announcements

- 9:30 AM **Welcome Message from Dr. Granada**

Lecturers: Juan F. Granada

9:35 AM - 10:05 AM

Rapid Fire Case Controversies: Structural

Moderators: Vinayak Bapat, Susheel K. Kodali

Discussants: Philippe Genereux, Martin B. Leon, Scott Lim, Michael J. Mack, Raj Makkar, Patrick T. O'Gara, Michael J. Reardon, Allan Schwartz

- 9:35 AM **Low Surgical Risk Aortic Stenosis In The Us: The Patient Really Wants TAVR**

- 12:05 PM **PADN 5: A Randomized Trial of Pulmonary Artery Denervation in Patients With Combined Pre and Postcapillary Pulmonary Hypertension**
Lecturers: Shao-Liang Chen
- 12:15 PM **Roundtable Discussion**
- 12:20 PM **PARTNER VALVE IN VALVE: Late Follow up After Treatment of Failing Surgical Aortic Bioprosthetic Valves With a Balloon Expandable Transcatheter Heart Valve**
Lecturers: John G. Webb
- 12:30 PM **Roundtable Discussion**
- 12:35 PM **Prosthesis Patient Mismatch: Incidence Predictors and Outcome of Prosthesis Patient Mismatch After Transcatheter Aortic Valve Replacement**
Lecturers: Howard C. Herrmann
- 12:45 PM **Roundtable Discussion**
- 12:50 PM **TRIVALVE: Evaluation of Edge to Edge Valve Repair for Symptomatic Tricuspid Regurgitation**
Lecturers: Jörg Hausleiter
- 1:00 PM **Roundtable Discussion**

- 10:00 AM **McGill University Health Center Montreal Canada**
Live Case Operators: Giuseppe Martucci, Nicolo Piazza
- 11:00 AM **Erasmus Medical Center Rotterdam Netherlands**
Live Case Operators: Nicolas M. Van Mieghem Live Case Guest Operators: Didier Tchetché

LIVE CASE THEATER IV, SUNDAY, SEPTEMBER 23

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 4:00 PM

Session I. Live Cases: CHIP/CTO

Live Case Moderators: George D. Dangas

Live Case Co Moderators: Masahiko Ochiai

Live Case Discussants: Mauro Carlino, Sanjog Kalra, Navin K. Kapur, Margaret B. McEntegart, Masato Nakamura, William Nicholson, Adam C. Salisbury, Georgios Sianos, Gerald S. Werner, R. Michael Wyman

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eisuke Usui

2:00 PM **Henry Ford Hospital Detroit MI**

Live Case Operators: Khaldoon Alaswad, Mohammed Alqarqaz, Tiberio Frisoli, William W. O'Neill

3:00 PM **McGill University Health Center Montreal Canada**

Live Case Operators: Sonny Dandona, Stéphane Rinfret

4:00 PM - 6:00 PM

Session II. Live Cases: ENDO

Live Case Moderators: Ehrin J. Armstrong

Live Case Co Moderators: Tony Das

Live Case Discussants: Herbert D. Aronow, Mark C. Bates, Jacques Busquet, Rajesh M. Dave, Robert D. Safian, Rahul Sakhuja, Luigi Salemm, Christopher J. White, Jose M. Wiley, James P. Zidar

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Evan Shlofmitz, Sabato Sorrentino, Eisuke Usui

4:00 PM **Wellmont Holston Valley Hospital Kingsport TN**

Live Case Operators: Mark Aziz, D. Christopher Metzger

5:00 PM **Scripps Clinic and Research Foundation La Jolla California**

Live Case Operators: Curtiss T. Stinis

LIVE CASE THEATER

LIVE CASE THEATER III, SUNDAY, SEPTEMBER 23

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 12:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 10:00 AM

Session I. Live Cases: Imaging/Chip

Live Case Moderators: William F. Fearon

Live Case Co Moderators: David G. Rizik

Live Case Discussants: Yaron Almagor, Vinay K. Bahl, Michael J. Cowley, Junbo Ge, John McB. Hodgson, Nils Johnson, Yoshinobu Murasato, Holger M. Nef, Juan A. Terré, Leif Thuesen

Lecturers: Mahesh V Madhavan

Factoid Faculty: Matthew T Finn, Paul Guedeney, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

8:00 AM **University of California San Diego**

Live Case Operators: Ang Lawrence, Ehtisham Mahmud, Mitul Patel, Ryan Reeves

9:00 AM **Scripps Clinic and Research Foundation La Jolla California**

Live Case Operators: Matthew J. Price, Paul S. Teirstein

10:00 AM - 12:00 PM

Session II. Live Cases: SHD

Live Case Moderators: Jeffrey J. Popma

Live Case Co Moderators: John G. Webb

Live Case Discussants: Marco Barbanti, Haim Danenberg, Helene Eltchaninoff, Ariel Finkelstein, Gregory P. Fontana, Aaron Horne, Jr., Hasan Jilaihawi, Albert Markus Kasel, Bernard Prendergast, Vinod H. Thourani

Factoid Faculty: Matthew T Finn, Paul Guedeney, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

KEYNOTE PRESENTATION THEATER

KEYNOTE INTERVENTIONAL STUDIES IV: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS I

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:00 AM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

8:00 AM - 9:00 AM

Keynote Interventional Studies IV: Drug-Eluting Stents, Bioresorbable Scaffolds, and Drug-Coated Balloons I

Moderators: Michael Haude, Robert-Jan van Geuns

Discussants: Robert J. Applegate, Antonio L. Bartorelli, Bernardo Cortese, Fausto Feres, Mitchell W. Krucoff, Manel Sabate, Ashok Seth, Huay Cheem Tan

8:00 AM **RENASCENT III: Nine Month Clinical and Imaging Outcomes With a Thin Strut 98 micrometer Bioresorbable Coronary Scaffold**
Lecturers: Antonio Colombo

8:10 AM Discussion

8:15 AM **BIOSOLVE IV: Twelve Month Outcomes With a Resorbable Magnesium Scaffold in a Real world Setting**
Lecturers: Michael Kang-Yin Lee

8:25 AM Discussion

8:30 AM **NEOVAS: Three Year OCT and FFR Results From a Randomized Trial Evaluating a Polymeric Bioresorbable Scaffold**
Lecturers: Bo Xu

8:40 AM Discussion

8:45 AM **I LOVE IT 2: Five Year Results From a Randomized Trial of Biodegradable Polymer Based and Durable Polymer Based Drug Eluting Stents**
Lecturers: Yaling Han

8:55 AM Discussion

KEYNOTE INTERVENTIONAL STUDIES V: DRUG-ELUTING STENTS, BIORESORBABLE SCAFFOLDS, AND DRUG-COATED BALLOONS II

SUNDAY, SEPTEMBER 23, 2018

9:00 AM - 10:00 AM

Ballroom 6A, Upper Level
Accreditation: CME,MOC

9:00 AM - 10:00 AM

Keynote Interventional Studies V: Drug-Eluting Stents, Bioresorbable Scaffolds, and Drug-Coated Balloons II

Moderators: Fernando Alfonso, Juan F. Granada

Discussants: Alaide Chieffo, Kenneth Chin, Alope V. Finn, Michael Joner, Elvin Kedhi, Henning Kelbæk, Verghese Mathew, Jorge F. Saucedo

9:00 AM **BIOFLOW V: Two Year Results of a Randomized Trial Evaluating an Ultra Thin Strut Bioresorbable Polymer Based Drug Eluting Stent**
Lecturers: David E. Kandzari

9:10 AM Discussion

9:15 AM **RESTORE ISR China: A Randomized Trial of Two Different Drug Coated Balloons for Treatment of In Stent Restenosis After Drug Eluting Stent Implantation**
Lecturers: YunDai Chen

9:25 AM Discussion

9:30 AM **RESTORE SVD China: Randomized Trial of Drug Coated Balloons vs Drug Eluting Stents for Treatment of Small Vessel Disease**

Lecturers: Runlin Gao

9:40 AM Discussion

9:45 AM **PEPCAD NSTEMI: A Randomized Trial Evaluating a Drug Coated Balloon in Patients With Non ST Segment Elevation Myocardial Infarction**

Lecturers: Bruno Scheller

9:55 AM Discussion

KEYNOTE INTERVENTIONAL STUDIES VI: STRUCTURAL HEART INTERVENTIONS I

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 2:00 PM

Ballroom 6A, Upper Level
Accreditation: CME,MOC

12:45 PM - 2:00 PM

Keynote Interventional Studies VI: Structural Heart Interventions I

Moderators: Horst Sievert, Brian K. Whisenant

Discussants: Steven R. Bailey, Alain G. Cribier, Oliver Husser, Jan Kovac, Jean-Claude Laborde, David W.M. Muller, Zoltan G. Turi, Stephen G. Worthley

12:45 PM **SURTA VI: Two Year Complete Results From a Randomized Trial of a Self Expanding Transcatheter Heart Valve vs Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Surgical Risk**
Lecturers: Jeffrey J. Popma

12:55 PM Discussion

1:00 PM **CENTER Collaboration I: Nonrandomized Comparison of Transcatheter Aortic Valve Implantation With Balloon Expandable Valves vs Self Expandable Valves**
Lecturers: Ronak Delewi

1:10 PM Discussion

1:15 PM **OBSERVANT: Five Year Outcomes After Transcatheter or Surgical Aortic Valve Replacement in a Low/Intermediate Risk Real world Population**
Lecturers: Marco Barbanti

1:25 PM Discussion

1:30 PM **TAVILAAO: A Randomized Trial of Left Atrial Appendage Occlusion vs Standard Medical Therapy in Patients With Atrial Fibrillation Undergoing Transcatheter Aortic Valve Implantation**
Lecturers: Fabian Nietlispach

1:40 PM Discussion

1:45 PM **EWOLUTION: Two Year Efficacy of Left Atrial Appendage Closure in High Risk Patients Single Antiplatelet/No Therapy Subgroup Analysis**
Lecturers: Martin W. Bergmann

1:55 PM Discussion

DIDACTIC SESSIONS

DIDACTIC SESSION: INTRAVASCULAR IMAGING - STENT GUIDANCE AND VULNERABLE PLAQUE ASSESSMENT AND MANAGEMENT

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 12:00 PM

Room 2, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00AM - 9:30 AM

Session I. Vulnerable Plaque and Culprit Lesion Imaging

Moderators: James E. Muller, Yoshinobu Onuma, Peter H. Stone

Discussants: Takashi Akasaka, David Erlinge, Hector M. Garcia-Garcia, Guillermo Tearney, Ron Waksman

8:00 AM **Intravascular Imaging and Culprit Lesion Assessment in ACS: Potential Impact on PCI Strategies and Patient Management**
Lecturers: Haibo Jia

8:10 AM **Vulnerable Plaque Non Invasive Imaging: The Emerging Role for CTA**
Lecturers: James K. Min

8:20 AM **Vulnerable Plaque Invasive Imaging: Contrasting the Different Alternatives Theory and Data**
Lecturers: Yoshinobu Onuma

8:32 AM **The Latest on Plaque Profiling and Shear Stress Imaging**
Lecturers: Peter H. Stone

8:40 AM **Rationale Imaging Insights and Outcomes of Stent and Scaffold Vulnerable Plaque Treatment**
Lecturers: Salvatore Brugaletta

8:50 AM **Case 1 Spontaneous Coronary Dissection: To Stent or Not to Stent**
Case Presenter: Ning Guo

8:57 AM **Case 2 Is it a Plaque Erosion or a Plaque Rupture and How to Treat**
Case Presenter: Takashi Kubo

9:04 AM **Case 3 Vulnerable Plaque and Peri Procedural Myocardial Infarction: I Should Have Used Protection**
Case Presenter: Emmanouil S. Brilakis

9:11 AM **Case 4 A Patient With a Vulnerable Plaque Who Developed a Late Event**
Case Presenter: Ryan D. Madder

9:18 AM **Roundtable Discussion With Audience QA**

9:30AM - 10:12 AM

Session II. Pre-Intervention Lesion Assessment

Moderators: Javier Escaned, Gary S. Mintz

Discussants: Justin E. Davies, Allen Jeremias, Massoud A. Leesar, Mina Madan, Richard Shlofmitz, Mladen I. Vidovich

9:30 AM **Intravascular Imaging to Assess LMCA Stenosis Severity: Comparison With FFR**
Lecturers: Jose M. de la Torre Hernandez

9:40 AM **Is It Reasonable to Use Intravascular Imaging to Assess Non LMCA Stenosis Severity Instead of FFR**

Lecturers: Evelyn Regar

9:50 AM **IVUS and/or OCT in the Assessment of Coronary Calcification and Guidance of Plaque Modification Strategies**
Lecturers: Akiko Maehara

10:00 AM **Roundtable Discussion With Audience QA**

10:12AM - 11:15 AM

Session III. Optimizing Stent Implantation

Moderators: Akiko Maehara, Evelyn Regar

Discussants: Stephan Achenbach, Adnan K. Chhatriwalla, Nicolas Foin, Ning Guo, Takashi Kubo, Seung-Jung Park, Francesco Prati, Matthew J. Price

10:12 AM **Intravascular Imaging to Size and Optimize Stent Implantation: A Step by Step Algorithm**
Lecturers: Ulf Landmesser

10:27 AM **Case 5 Zero Contrast PCI: How We Do It**
Case Presenter: Jeffrey W. Moses

10:34 AM **Step by Step Algorithm for Decision making During CTO PCI Using Intravascular Imaging**

10:48 AM **Case 6 CTO in Which IVUS Made the Difference Between Success and Failure**
Case Presenter: Lei Ge

10:56 AM **Case 7 Intravascular Imaging and Angiography Co Registration and PCI Guidance**
Case Presenter: Richard Shlofmitz

11:03 AM **Roundtable Discussion With Audience QA**

11:15AM - 12:00 PM

Session IV. Imaging Assessment of Stent Failure

Moderators: Fernando Alfonso, Hiram G. Bezerra

Discussants: Daniel Chamie, Lisette Okkels Jensen, Michael Joner, Gary S. Mintz, Lorenz Raber, Andrew Sharp

11:15 AM **Case 8: Under Expanded Stent with ISR Treated by Laser Atherectomy or Lithotripsy**
Case Presenter: Jonathan M. Hill

11:22 AM **Case 9: Very Late Stent Thrombosis**
Case Presenter: Jose de Ribamar Costa Jr

11:29 AM **Intravascular Imaging to Evaluate Stent Thrombosis and Restenosis**
Lecturers: Lorenz Raber

11:44 AM **Roundtable Discussion With Audience QA**

11:55 AM **Final Thoughts and Take home Messages**
Lecturers: Gary S. Mintz

DIDACTIC SESSION: THE LEFT MAIN AND BIFURCATION SUMMIT, PART 1

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 12:03 PM

Room 5, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00AM - 9:08 AM

Session I. Bifurcation Technique Introduction

Moderators: Bernard R. Chevalier, David Hildick-Smith

Discussants: Ran Kornowski, Ahmed Magdy, Detlef G. Mathey, Sunao Nakamura, Manish A. Parikh, Yuejin Yang

- 8:00 AM **Bifurcation and Left Main Stenting Introduction: What You May Have Missed in the Last Year**
Lecturers: Bimmer E. Claessen
- 8:10 AM **Roundtable Discussion With Audience QA**
- 8:15 AM **New Bench Insights Into Optimal Bifurcation Stenting LM and Non LM**
Lecturers: John A. Ormiston
- 8:23 AM **Implications of Varied Stent Designs for Bifurcation Stenting LM and Non LM**
Lecturers: Nicolas Foin
- 8:31 AM **Roundtable Discussion With Audience QA**
- 8:36 AM **More Than a Decade of Insights From the European Bifurcation Club LM and Non LM**
Lecturers: Jens Flensted Lassen
- 8:46 AM **Roundtable Discussion With Audience QA**
- 9:03 AM **Roundtable Discussion With Audience QA**

9:08 AM - 10:49 AM

Session II. Bifurcation Technique Deeper Dive

Moderators: Antonio Colombo, Jean Fajadet

Discussants: Ajay J. Kirtane, Shigeru Saito, Gennaro Sardella, Terje K. Steigen, Carlos E. Uribe, David X. Zhao

- 9:08 AM **When Should the Side Branch Be Dilated Before and After Main Branch Stenting**
Lecturers: Hyeon-Cheol Gwon
- 9:16 AM **Roundtable Discussion With Audience QA**
- 9:19 AM **Jailing and Removing Side Branch Wires: Technique and Safety**
Lecturers: David Hildick-Smith
- 9:26 AM **The Side Branch Balloon Protection Technique**
Lecturers: Francesco Burzotta
- 9:33 AM **Are Drug Eluting Balloons an Important Adjunct for Side Branch Treatment**
Lecturers: Pieter R. Stella
- 9:41 AM **Roundtable Discussion With Audience QA**
- 9:48 AM **When to POT and How to Do It**
Lecturers: Adrian P. Banning
- 9:55 AM **The Spectrum of POT Techniques**
Lecturers: Hyeon-Cheol Gwon
- 10:02 AM **Roundtable Discussion With Audience QA**
- 10:07 AM **OCT Guidance for Bifurcation Lesions: Rationale and Design of OCTOBER**
Lecturers: Niels R. Holm
- 10:15 AM **2D and 3D OCT Guidance for Non LM Bifurcation Lesions**
Lecturers: Yoshinobu Onuma
- 10:23 AM **Bifurcation and Ostial Optical Coherence Tomography Mapping BOOM: A New Technique**
Lecturers: Richard Shlofmitz
- 10:30 AM **Roundtable Discussion With Audience QA**
- 10:38 AM **Is There a Role for FFR or iFR Side Branch Assessment**
Lecturers: Nick Curzen
- 10:46 AM **Roundtable Discussion With Audience QA**

10:49 AM - 12:03 PM

Session III. How to Perform: Provisional and Two-Stent Techniques

Moderators: Niels R. Holm, Ioannis Iakovou

Discussants: Arif Al Nooryani, Carlo Briguori, Philippe Garot, Jorge Gaspar, Michael S. Lee, David G. Rizik

- 10:49 AM **How to Perform the Provisional Approach: Tips and Tricks**
Lecturers: Leif Thuesen
- 10:57 AM **When a Planned Provisional Approach Requires 2 Stents: Options and Technique**
Lecturers: Alaide Chieffo
- 11:04 AM **When and Which Planned 2 Stent Technique for Non LM Bifurcations**
Lecturers: James B. Hermiller Jr
- 11:12 AM **Planned 2 Stent Technique Step by Step: How to T Modified T and TAP Stent**
Lecturers: Miroslaw Ferenc
- 11:19 AM **Planned 2 Stent Technique Step by Step: How to Culotte**
Lecturers: James Cockburn
- 11:26 AM **Planned 2 Stent Technique Step by Step: How to Crush Mini Crush and DK Crush**
Lecturers: Junjie Zhang
- 11:33 AM **Planned 2 Stent Technique Step by Step: How to Use Tryton**
Lecturers: Philippe Genereux
- 11:40 AM **Current Status of Dedicated Bifurcation Stents**
Lecturers: Robert J. Gil
- 11:48 AM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: TRICUSPID VALVE INTERVENTIONS

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 12:00 PM

Room 6D, Upper Level

Accreditation: CME,CNE,MOC,ASRT

8:00 AM - 9:00 AM

Session 1. Setting the Stage - Natural History, Patho-anatomy, and Imaging Considerations

Moderators: Samir R. Kapadia, Ralph Stephan von Bardeleben

Discussants: João L Cavalcante, Charles J. Davidson, Victoria Delgado, Omar K. Khalique, Stephen H. Little, Fabien Praz, Yan Topilsky

- 8:00 AM **Tricuspid is the Forgotten Valve No More TR Natural History Reflections and Rationale for Treatment**
Lecturers: Jeroen J. Bax
- 8:10 AM **One Compelling Question**
- 8:12 AM **Patho anatomy Reference Points for Transcatheter Therapies Why the Tricuspid Valve Complex and Right Heart are Distinctive**
Lecturers: Mark Reisman
- 8:22 AM **One Compelling Question**
- 8:24 AM **Etiologies and Clinical Presentation of TR: Implications for Therapy**

Lecturers: Yan Topilsky

8:34 AM **One Compelling Question**

8:36 AM **Multi modality Imaging Essentials of the Tricuspid Valve and Right Heart Echo and CT**

Lecturers: Omar K. Khalique

8:46 AM **Assessing the Severity of TR: Challenges Inconsistencies and Grading Schemes**

Lecturers: João L Cavalcante

8:56 AM **Discussion**

9:00 AM - 10:00 AM

Session 2: Medical and Surgical Treatment of TR: Guidelines and Controversies

Moderators: Steven F. Bolling, Maurice E. Sarano

Discussants: Saif Anwaruddin, Paul A. Grayburn, Stamatios Lerakis, Jose Luis Navia, Osama Soliman, Alfredo Trento

9:00 AM **Timing and Guidelines for Medical Therapy of TR Is there a Standard Approach**

Lecturers: Osama Soliman

9:08 AM **One Compelling Question**

9:10 AM **Current Surgical Approaches and Preferences for TR Therapy**

Lecturers: Alfredo Trento

9:18 AM **One Compelling Question**

9:20 AM **Clinical Outcomes and Recurrence After Surgery for TR Can We Learn From Our Mistakes**

Lecturers: Jose Luis Navia

9:28 AM **One Compelling Question**

9:54 AM **A Curious Case of Surgical TR Repair Case Presentation Outcome and Lessons Learned**

Case Presenter: Isaac George

10:00 AM - 11:30 AM

Session 3: Transcatheter Therapies for TR – Promise and Pitfalls

Moderators: Azeem Latib, Francesco Maisano

Discussants: Paolo Denti, Neil P. Fam, John C. Laschinger, Jose Luis Navia, Petr Neuzil, Josep Rodés-Cabau, Maurizio Taramasso

10:00 AM **Current Outcomes of Transcatheter TR Therapies: Results from the International TriValve Registry**

Lecturers: Maurizio Taramasso

10:08 AM **One Compelling Question**

11:30 AM - 12:00 PM

Session 4: Challenging TR Case Vignettes – How to Treat THIS?

Moderators: Scott Lim, Mark Reisman

Discussants: Anita Asgar, Brij Maini, Jason H. Rogers, Carlos E. Ruiz, Maurice E. Sarano, Gilbert H.L. Tang, Ralph Stephan von Bardeleben

DIDACTIC SESSION: CLINICAL TRIAL DESIGN, STATISTICS AND LITERATURE INTERPRETATION – THE EVIDENCE-BASED MEDICINE EXPERT

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:20 PM

Room 6D, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 2:55 PM

Session I: Clinical Trial Endpoints in Context

Moderators: E. Magnus Ohman, Stuart J. Pocock

Discussants: Sripal Bangalore, Ovidiu Dressler, Sanjay Kaul, David F. Kong, David J. Maron, Pascal Vranckx, Robert W. Yeh

2:00 PM **Composite Endpoints: When Are They Valid and When Should They Be Discarded**

Lecturers: Sanjay Kaul

2:12 PM **ISCHEMIA Trial in the Spotlight: Why All the Fuss Over the Change in the Primary Endpoint**

Lecturers: David J. Maron

2:28 PM **All Cause Mortality and Interpretation of Secondary Endpoints: The VEST and ODYSSEY Examples**

Lecturers: Stuart J. Pocock

2:40 PM **Roundtable Discussion With Audience QA**

2:55 PM - 3:50 PM

Session II: Sham-Controlled Trials

Moderators: Ajay J. Kirtane, Stuart J. Pocock

Discussants: Rasha Al-Lamee, Colin Berry, David J. Cohen, Bernard J. Gersh, Andrew Sharp, Paul A. Sobotka, Jan G. P. Tijssen

2:55 PM **ORBITA in the Spotlight: How I Interpret ORBITA as an Interventional Cardiologist**

Lecturers: Rasha Al-Lamee

3:05 PM **ORBITA in the Spotlight: How I Would Have Done the Trial Differently**

Lecturers: Ajay J. Kirtane

3:15 PM **Sham Controlled Trials Should Be the New Gold Standard for Device Trials**

Lecturers: Bernard J. Gersh

3:25 PM **Sham Controlled Trials for Devices Are Unethical Unfeasible and Unnecessary**

Lecturers: William F. Fearon

3:35 PM **Roundtable Discussion with Audience QA**

3:50 PM - 4:45 PM

Session III: Clinical Trial Design in Context

Moderators: Peter Juni, Robert W. Yeh

Discussants: John A. Bittl, Eugene H. Blackstone, Schuyler Jones, Thomas C. McAndrew, Roxana Mehran, Stuart J. Pocock, Matthew T. Roe

3:50 PM **How to Make Trials Larger Simpler and Less Expensive**

Lecturers: Matthew T. Roe

4:00 PM **Most Frequent Errors I See in the Analysis and Interpretation of Trials**

Lecturers: Peter Juni

4:10 PM **Non Inferiority Trials Gone Wrong: Examples From the Recent Literature**

Lecturers: David J. Cohen

4:20 PM **Stent Trials in High Bleeding Risk Patients: What is the Level of Evidence We Need**

Lecturers: Roxana Mehran

4:30 PM **Roundtable Discussion with Audience QA**

4:45 PM - 5:35 PM

Session IV: Facts or Fake News: Adventures in Data Analysis

Moderators: Stuart J. Pocock, Jan G. P. Tijssen

Discussants: Eugene H. Blackstone, Ovidiu Dressler, Daniele Giacompo, Schuyler Jones, Peter Juni, Roseann M White, Robert W. Yeh

- 4:45 PM **No Role for Observational Studies in Effectiveness Comparisons: The Staged vs. Culprit Only PCI for STEMI Case Study**
Lecturers: Robert W. Yeh
- 4:55 PM **Garbage in Garbage Out: Risks to Big Data Analysis in Interventional Cardiology**
Lecturers: Otavio Berwanger
- 5:05 PM **Is it Time to Toughen Up the P0.05**
Lecturers: Peter Juni
- 5:15 PM **Should We All Become Bayesians**
Lecturers: Stuart J. Pocock
- 5:25 PM **Roundtable Discussion with Audience QA**

5:35 PM - 6:20 PM

Session V: ACC and ESC 2018 Late Breaking Trials: Critiques and Potential Impact on Clinical Practice

Moderators: Deepak L. Bhatt, Gregg W. Stone

Discussants: Otavio Berwanger, Peter Juni, Sanjay Kaul, Roxana Mehran, E. Magnus Ohman, Stuart J. Pocock, Giulio Stefanini

- 5:35 PM **ACC 2018 Late Breaking Trial 1 ODYSSEY Outcomes: What I Liked and What I Question**
Case Presenter: John A. Bittl
- 5:40 PM **Roundtable Discussion With Audience QA**
- 5:45 PM **ACC 2018 Late Breaking Trial 2 COMPASS : What I Liked and What I Question**
Lecturers: Kurt Huber
- 5:50 PM **Roundtable Discussion with Audience QA**
- 5:55 PM **ESC 2018 Late Breaking Trial 1 Global Leaders: What I Liked and What I Question**
Lecturers: Giuseppe Biondi-Zoccai
- 6:00 PM **Roundtable Discussion With Audience QA**
- 6:05 PM **ESC 2018 Late Breaking Trial 2 MitraFR: What I Liked and What I Question**
Lecturers: Stephan Windecker
- 6:10 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: PCI PHARMACOTHERAPY - PROCEDURAL ANTITHROMBINS AND ACUTE/CHRONIC DAPT

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:00 PM

Room 2, Upper Level

Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 3:20 PM

Session I. PCI Pharmacotherapy: Periprocedural Antithrombotic and Antiplatelet Therapy

Moderators: John A. Bittl, C. Michael Gibson

Discussants: Jose Diez, David Erlinge, Dmitriy N. Feldman, Hitinder S. Gurm, Zuzana Motovska, Matthew T. Roe, Daniel I. Simon

- 2:00 PM **Featured Lecture: Does the Polypill Enhance Drug Adherence and Improve Cardiovascular Outcomes**
Lecturers: Valentin Fuster

2:10 PM **Roundtable Discussion**

- 2:15 PM **Benefits of Pretreatment With Dual Antiplatelet Therapy Prior to PCI in Stable CAD and ACS: Myth or Reality**
Lecturers: Giuseppe Tarantini
- 2:23 PM **Switching Dual Antiplatelet Therapy After PCI: Who When Why and How**
Lecturers: Matthew J. Price
- 2:31 PM **The Latest Antithrombotic Data: MATRIX at 1 Year**
Lecturers: Stephan Windecker
- 2:39 PM **The Case for Bivalirudin With Radial and Femoral Access**
Lecturers: Carey D. Kimmelstiel
- 2:47 PM **How Strong are the Pharmacodynamic Data and Clinical Evidence for Crushed Ticagrelor and Prasugrel**
Lecturers: Dimitrios Alexopoulos
- 2:55 PM **Utility of Cangrelor During PCI and Bridging Who Benefits Most**
Lecturers: Deepak L. Bhatt
- 3:05 PM **Roundtable Discussion**

3:20 PM - 4:09 PM

Session II. Optimal DAPT Duration After DES Placement

Moderators: Deepak L. Bhatt, Tullio Palmerini

Discussants: Sorin J. Brener, Fausto Feres, Hyeon-Cheol Gwon, Yaling Han, Javaid Iqbal, Neal S. Kleiman, Huay Cheem Tan

- 3:20 PM **Who Is the High Bleeding Risk Patient and How Should DAPT Duration Be Weighed Against Ischemic Risk**
Lecturers: Roxana Mehran
- 3:28 PM **Patient Selection for Prolonged DAPT: Risk Scores or Wise Clinical Judgement**
Lecturers: Usman Baber
- 3:36 PM **Ultra Short DAPT 1 3 Months: For Which Patients and Stents Do We Have Evidence**
Lecturers: Philip M. Urban
- 3:44 PM **COMPASS Trial Revisited: Weighing Rivaroxaban Secondary Prevention vs DAPT After PCI**
Lecturers: Michael Maeng
- 3:54 PM **Roundtable Discussion**

4:09 PM - 5:10 PM

Session III. Antiplatelet Therapy After DES in Patients on Chronic Oral Anticoagulation

Moderators: Davide Capodanno, Giulio Stefanini

Discussants: Robert A. Byrne, Piera Capranzano, Germano Di Sciascio, Kurt Huber, Roxana Mehran, Michelle O'Donoghue

- 4:09 PM **Pharmacotherapy Challenges and Possible Solutions in the PCI Patient on Chronic Oral Anticoagulation**
Lecturers: Tullio Palmerini
- 4:19 PM **Has PIONEER and REDUAL Changed My Practice What Are the Outstanding Issues**
Lecturers: C. Michael Gibson
- 4:29 PM **In 2018 When Is Warfarin Therapy Required vs Acceptable and How Should it Be Dosed After PCI**
Lecturers: Freek W.A. Verheugt
- 4:37 PM **US and ESC Guidelines and Consensus on Antithrombotic Therapy in Patients With Atrial Fibrillation Undergoing PCI**

Lecturers: Dominick J. Angiolillo

4:47 PM **Periprocedural Management of Anticoagulation in Patients With Nonvalvular Atrial Fibrillation**

Lecturers: Robert A. Byrne

4:55 PM **Roundtable Discussion**

5:10 PM - 6:00 PM

Session IV. Antiplatelet Potpourri

Moderators: Dominick J. Angiolillo, Elmir Omerovic

Discussants: Andrea Abizaid, Jaya Chandrasekhar, Gregory Ducrocq, Michael A. Kutcher, Jorge F. Saucedo, Thomas D. Stuckey

5:10 PM **Managing Aspirin Allergy Before DES Placement**

Lecturers: John A. Bittl

5:18 PM **GLOBAL LEADERS in Perspective: Perspectives on Ticagrelor Monotherapy**

Lecturers: Patrick W. Serruys

5:28 PM **De Escalation of DAPT After DES Placement: Is There a Role for Personalized Treatment**

Lecturers: Dániel Aradi

5:36 PM **The Asian Anti Platelet Therapy Paradox: Genetic Factors Dosing Bleeding and Stent Thrombosis Risk**

Lecturers: Duk-Woo Park

5:44 PM **Roundtable Discussion**

DIDACTIC SESSION: THE LEFT MAIN AND BIFURCATION SUMMIT, PART 2

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:08 PM

Room 5, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 3:06 PM

Session IV. Special Situations in Bifurcations

Moderators: Jens Flensted Lassen, Yves R. Louvard

Discussants: Kenneth Chin, Young-Hak Kim, John A. Ormiston, Ivo Petrov, Shiro Uemura, Jie Zhao

2:00 PM **When Will the Side Branch Occlude With Case Examples**

Lecturers: Kefei Dou

2:07 PM **Techniques for Wiring a Difficult Bifurcation and What To Do Then**

Lecturers: Thomas Hovasse

2:14 PM **How to Treat the Medina 001 Lesion**

2:21 PM **Why Does My Balloon Not Cross and What Should I Do**

Lecturers: Manuel Pan

2:28 PM **Case Presentation: Why I Lost This Side Branch and What I Should Have Done Instead**

Case Presenter: Yves R. Louvard

2:35 PM **Case Presentation: Why I Lost This Side Branch and What I Should Have Done Instead**

Case Presenter: Annapoorna Kini

2:42 PM **Case Presentation: My Worst Bifurcation Mistake**

Case Presenter: Jens Flensted Lassen

2:49 PM **Case Presentation: My Worst Bifurcation Mistake**

Case Presenter: Adrian P. Banning

2:56 PM **Roundtable Discussion With Audience QA**

3:06 PM - 4:20 PM

Session V. Focus on Left Main Stenting Outcomes

Moderators: Raj Makkar, Patrick W. Serruys

Discussants: Anthony H. Gershlick, Robert A. Guyton, Seung-Jung Park, Alfredo E. Rodriguez, Erick Schampaert, Marco V. Wainstein

3:06 PM **First Presentation of the 4 Year EXCEL Outcomes**

Lecturers: Gregg W. Stone

3:14 PM **New Data From the NOBLE Trial**

Lecturers: Niels R. Holm

3:22 PM **Summary of All the LM PCI vs. CABG Meta Analyses: Take Home Messages**

Lecturers: Stuart J. Head

3:32 PM **LM Stenting: New Insights From the DELTA 2 Registry**

Lecturers: Alaide Chieffo

3:40 PM **Ten Year Outcomes of LM PCI: From the Fu Wai Left Main Registry**

Lecturers: Bo Xu

3:48 PM **Long Term Outcomes of LM PCI vs CABG: New Insights From the MAIN COMPARE and IRIS MAIN Registries**

Lecturers: Duk-Woo Park

4:08 PM **Roundtable Discussion With Audience QA**

4:20 PM - 6:08 PM

Session VI. Focus on Left Main Stenting Technique

Moderators: Antonio Colombo, Leif Thuesen

Discussants: Vinay K. Bahl, Allen Jeremias, Fazila T. Malik, Tanveer Rab, Giuseppe Tarantini, Carlos E. Uribe

4:32 PM **EBC Perspectives on LM Stenting Technique and the EBC Main Trial**

Lecturers: David Hildick-Smith

4:39 PM **Roundtable Discussion With Audience QA**

4:44 PM **Why to Use IVUS to Guide LM Stenting: Evidence and Case Examples**

Lecturers: Jose M. de la Torre Hernandez

4:52 PM **How to Use IVUS to Guide LM Stenting: Evidence and Case Examples**

Lecturers: Akiko Maehara

5:00 PM **Physiological Assessment of Left Main Coronary Artery Disease**

Lecturers: Divaka Perera

5:08 PM **Left Main Longitudinal Stent Distortion**

Lecturers: Yves R. Louvard

5:16 PM **Roundtable Discussion With Audience QA**

Lecturers: Yves R. Louvard

5:21 PM **Technical Approaches to the Left Main Trifurcation Lesion With Case Examples**

Lecturers: Antonio Colombo

5:29 PM **SKS Stent Technique for True LM Bifurcation Disease: Advantages and Pitfalls With Case Examples**

Lecturers: Javaid Iqbal

- 5:37 PM **Lesion Preparations Strategies for the Left Main Bifurcation With Case Examples**
Lecturers: Nirat Beohar
- 5:45 PM **When Is Mechanical Circulatory Support Required for Left Main PCI With Case Examples**
Lecturers: Anu Tunuguntla
- 5:52 PM **Left Main Restenosis and Treatment With Case Examples**
Lecturers: Imad Sheiban
- 6:00 PM **Roundtable Discussion With Audience QA**

- 2:59 PM **The COAPT Trial: Principal and Secondary Results**
Lecturers: Michael J. Mack
- 3:02 PM **MitraClip in the US: Latest TVT Registry Results**
Lecturers: Paul Sorajja
- 3:19 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: TRANSCATHETER MITRAL VALVE THERAPIES, PART 1 - MITRAL VALVE REPAIR

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:17 PM

Room 1, Upper Level

Accreditation: CME,CNE,MOC,ASRT

2:00 PM - 2:52 PM

Session I. Overview, Imaging, and Patient Selection

Moderators: Paul A. Grayburn, Robert J. Siegel

Discussants: Victoria Delgado, Linda D. Gillam, Jonathon A. Leipsic, Stephen H. Little, Priti Mehla, Carlos E. Ruiz

- 2:00 PM **MR Quantification 2018: The Latest in MR Grading and Reporting**
Lecturers: Maurice E. Sarano
- 2:07 PM **Primary MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes**
Lecturers: Scott Lim
- 2:14 PM **Functional MR: Spectrum of Disease and Influence on Transcatheter Therapy Applicability and Outcomes**
Lecturers: Paul A. Grayburn
- 2:21 PM **TEE Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures**
Lecturers: Randolph P. Martin
- 2:28 PM **CT Imaging Essentials: Screening Patients for MitraClip Transcatheter Annuloplasty and TMVR Procedures**
Lecturers: Philipp Blanke
- 2:35 PM **Imaging Make or Break: Challenging Imaging Scenarios During Transcatheter Mitral Repair Procedural Guidance**
Lecturers: Rebecca T. Hahn
- 2:42 PM **Roundtable Discussion With Audience QA**

2:52 PM - 3:34 PM

Session II. MitraClip Registry and (at Last) Randomized Trial Outcomes

Moderators: Stefan Anker, Saibal Kar

Discussants: Blase A. Carabello, Jörg Hausleiter, Hüseyin Ince, Jean-Francois Obadia, Paul Sorajja, Neil J. Weissman

- 2:52 PM **The MitraFR Trial: Results Expected and Unexpected**
Lecturers: Jean-Francois Obadia

3:34 PM - 4:49 PM

Session III. Mitral Valve Leaflet Repair: MitraClip and Beyond

Moderators: Ted Feldman, Joachim Schofer

Discussants: Saif Anwaruddin, Scott Lim, Robert E. Michler, Matthew J. Price, Michael J. Rinaldi, Fayaz Shawl

- 3:34 PM **The Mitral Surgeons Perspective: What Transcatheter Tools Are Necessary to Emulate Surgical Results**
Lecturers: Steven F. Bolling
- 3:41 PM **MitraClip Patient Selection 2018: Can We Predict An Excellent Result Sustained MR Less Than or Equal to 1**
Lecturers: Karl-Heinz Kuck
- 3:48 PM **Experiences With Next Generation MitraClip: What Are the Meaningful Differences**
Lecturers: Saibal Kar
- 3:55 PM **Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Primary MR**
Case Presenter: James B. Hermiller Jr
- 4:03 PM **Two Case Presentations: One Highly Successful and One Highly Unsuccessful MitraClip in Secondary MR**
Case Presenter: Stephan Baldus
- 4:11 PM **Surgery After Failed MitraClip: Feasibility and Outcomes**
Lecturers: Gorav Ailawadi
- 4:18 PM **MitraClip After Failed Surgical Repair: Approach and Challenges**
Lecturers: Saibal Kar
- 4:25 PM **Single Leaflet Detachment and Clip Embolization: Causes and Management**
Lecturers: Samir R. Kapadia
- 4:32 PM **PASCAL System for Transcatheter Mitral Leaflet Repair: Initial Experience and Outcomes**
Lecturers: Neil P. Fam
- 4:39 PM **Roundtable Discussion With Audience QA**

4:49 PM - 6:17 PM

Session IV. The Transcatheter Mitral Valve Repair World Beyond MitraClip

Moderators: Jason H. Rogers, Ralph Stephan von Bardeleben

Discussants: Steven F. Bolling, Steven L. Goldberg, Azeem Latib, Francesco Maisano, Molly Szerlip, Stephen G. Worthley

- 4:49 PM **Cardioband Direct Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress**
Lecturers: Vinod H. Thourani
- 4:57 PM **Carillon Indirect Annuloplasty for Functional MR: Device Data Synthesis and Pivotal Clinical Trial Progress**
Lecturers: Ralph Stephan von Bardeleben
- 5:05 PM **AccuCinch Basal Ventriculoplasty for Functional MR and Heart Failure: Device Procedure and Updated Outcomes**

Lecturers: Mark Reisman

5:12 PM **Millipede Direct Annuloplasty for Functional MR: Device Procedure and Updated Outcomes**

Lecturers: Jason H. Rogers

5:19 PM **Amend Ring Annuloplasty System: Device Procedure and Updated Outcomes**

Lecturers: Andrea Colli

5:26 PM **ARTO Indirect Annuloplasty for Functional MR: Update and Case Presentation**

Lecturers: Stephen G. Worthley

5:33 PM **Mitral Cerclage Annuloplasty**

Lecturers: Toby Rogers

5:40 PM **Neochord for Degenerative MR: Device Data Synthesis and Pivotal Clinical Trial Progress**

Lecturers: Khalil Fattouch

5:48 PM **Harpoon for Degenerative MR: Device and Updated Clinical Data**

Lecturers: Krzysztof Bartus

5:55 PM **Thinking Hybrid Mitral Procedures: Case Examples and Recommendations**

Lecturers: Samir R. Kapadia

6:02 PM **Roundtable Discussion With Audience QA**

Case Presenter: Alexander A. Khalessi

1:25 PM **Case 8: Acute Stroke Thrombectomy For Large Vessel Occlusion With Low NIHSS**

Case Presenter: Matthew Koch

1:35 PM **Roundtable Discussion With Audience QA**

TCT ENDOVASCULAR: HOT TOPIC LUNCH - CURRENT ISSUES IN CONTEMPORARY OFFICE-BASED LABORATORY PRACTICE

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 31B-C, Upper Level

Accreditation: CME,ASRT,MOC,CNE

12:15 PM - 1:00 PM

Session I: Why and How to Start an Office-based Suite

Moderators: Jeffrey G. Carr, Brian G. DeRubertis

Discussants: Ali F. Aboufares, Gary M. Ansel, Karthik R. Gujja, Craig M. Walker

12:15 PM **Considerations When Starting an Office Based Laboratory or Ambulatory Surgery Center**

Lecturers: Craig M. Walker

12:25 PM **Benefits for Patients and Providers in the Outpatient Setting**

Lecturers: Brian G. DeRubertis

12:35 PM **OBLs as a Model for Increased Delivery of Vascular Care**

Lecturers: Brian G. DeRubertis

12:45 PM **Round Discussion With Audience QA**

1:00 PM - 1:45 PM

Session II: Procedural Considerations in the OBL - Case Selection, Patient Factors, and Safety Concerns

Moderators: Jeffrey G. Carr, Robert A. Lookstein

Discussants: Ali F. Aboufares, Tak W. Kwan

1:00 PM **Cases to Avoid and Complication Management**

Case Presenter: Ali F. Aboufares

1:10 PM **Outpatient Procedure Adoption and Implications of Over Utilization**

Lecturers: Jeffrey G. Carr

1:20 PM **Maintaining Quality in the OBL Setting**

Lecturers: Jeffrey G. Carr

1:30 PM **Round Discussion with Audience QA**

TCT ENDOVASCULAR: HOT TOPIC LUNCH - TREATMENT OF ACUTE PULMONARY EMBOLISM - CO-SPONSORED BY THE PERT CONSORTIUM

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:40 PM

Room 32A-B, Upper Level

Accreditation: CME,CNE,MOC,ASRT

TCT ENDOVASCULAR

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - ACUTE STROKE INTERVENTIONS

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 30D-E, Upper Level

Accreditation: CME,CNE,MOC,ASRT

12:15 PM - 1:45 PM

Expert Case Reviews: Acute Stroke Interventions

Moderators: Aman B. Patel, Adnan Siddiqui

Discussants: Scott Geraghty, Alexander A. Khalessi, Matthew Koch, Charles Matouk

12:15 PM **Case 1: Acute Stroke Treated With M1 Middle Cerebral Artery Thrombectomy**

Case Presenter: Matthew Koch

12:25 PM **Case 2: Acute Stroke With Cervical ICA Dissection and Intracranial Occlusion**

Case Presenter: Alexander A. Khalessi

12:35 PM **Case 3: Acute Stroke With Atherosclerotic ICA Occlusion and Intracranial Occlusion**

Case Presenter: Adnan Siddiqui

12:45 PM **Case 4: Radial Access for Acute Stroke Thrombectomy**

Case Presenter: Scott Geraghty

12:55 PM **Case 5: Direct Carotid Access for Acute Stroke Thrombectomy**

Case Presenter: Charles Matouk

1:05 PM **Case 6: Late Window Thrombectomy**

Case Presenter: Charles Matouk

1:15 PM **Case 7: Acute Stroke Thrombectomy for a Patient With an Already Large Established Core Infarct**

12:15^{PM} - 1:40^{PM}

Treatment of Acute Pulmonary Embolism Co-Sponsored by the PERT Consortium

Moderators: Riyaz Bashir, Kenneth Rosenfield, Victor F. Tapson

Discussants: Vikas Aggarwal, Mahir Elder, Jay S. Giri, Gregory Piazza, Akhilesh K. Sista

- 12:15^{PM} **Acute Pulmonary Embolism: Risk Stratification Treatment Alternatives and Role of the PERT Team**
Lecturers: Kenneth Rosenfield
- 12:30^{PM} **Roundtable Discussion With Audience QA**
- 12:35^{PM} **Case 1 Introduction: A Patient With Sub Massive PE How Should We Treat**
Case Presenter: Gregory Piazza
- 12:38^{PM} **First Debate: Catheter Directed Thrombolysis Should Be Used for All Submassive PE**
Lecturers: Riyaz Bashir
- 12:46^{PM} **First Debate: Catheter Directed Thrombolysis Should Be Reserved for Selected Submassive PE**
Lecturers: Jay S. Giri
- 12:54^{PM} **Roundtable Discussion With Audience QA**
- 1:02^{PM} **Case 1 Conclusion: A Patient With Sub Massive PE How Did We Treat**
Case Presenter: Gregory Piazza
- 1:05^{PM} **Case 2 Introduction: A Patient With Massive PE How Should We Treat**
Case Presenter: Vikas Aggarwal
- 1:08^{PM} **The Case for Catheter based Therapy for Massive PE as the Principal Approach**
Lecturers: Akhilesh K. Sista
- 1:11^{PM} **The Case for Surgical Therapy for Massive PE as the First line Therapy**
Lecturers: Marisa Cevalco
- 1:19^{PM} **The Case for ECMO or Other RV Support as the Ideal Treatment for Massive PE**
Lecturers: Mahir Elder
- 1:27^{PM} **Roundtable Discussion With Audience QA**
- 1:37^{PM} **Case 1 Conclusion: A Patient With Massive PE How Did We Treat**
Case Presenter: Vikas Aggarwal

TCT ENDOVASCULAR: EVAR/TEVAR DEEP DIVE

SUNDAY, SEPTEMBER 23, 2018

2:00^{PM} - 4:00^{PM}

Room 30D-E, Upper Level

Accrediation: CME,ASRT,MOC,CNE

2:00^{PM} - 3:20^{PM}

Session I. Latest EVAR and TEVAR Strategies

Moderators: Robert A. Lookstein, Virendra I Patel

Discussants: J. Michael Bacharach, Danielle Bajakian, Somjot S. Brar, Bryan T. Fisher, Patrick T. O'Gara, Hiroo Takayama

2:00^{PM} **Operative Management of Acute Type A Aortic Dissection**

Lecturers: Hiroo Takayama

2:10^{PM} **Medical Treatment and Long term Management of Acute Type B Aortic Dissection: Lessons from IRAD and Beyond**

Lecturers: Patrick T. O'Gara

2:20^{PM} **Interventional Treatment Options for Acute Type B Aortic Dissection**

Lecturers: Christoph A. Nienaber

2:30^{PM} **Aortic Arch Aneurysm: Management and Treatment Options With Case Examples**

Lecturers: Nimesh Desai

2:40^{PM} **Branched and Fenestrated Grafts in the Treatment of Thoracoabdominal Aortic Aneurysms**

Lecturers: Bernardo C Mendes

2:50^{PM} **Chimneys Snorkels and Periscopes for the Treatment of Juxta Renal Abdominal Aortic Aneurysms: Are There Any Data to Support Them**

Lecturers: Robert A. Lookstein

3:00^{PM} **Fenestrated Stent Grafts in the Treatment of Complex Abdominal Aortic Aneurysms**

Lecturers: Danielle Bajakian

3:10^{PM} **Decision making and Treatment Selection for Patients With Complex Abdominal Aortic Aneurysms**

Lecturers: Virendra I Patel

3:20^{PM} - 4:00^{PM}

Session II. Special Situations and Case Presentations

Moderators: Robert A. Lookstein, Virendra I Patel

Discussants: J. Michael Bacharach, Somjot S. Brar, Patrick T. O'Gara, Darren B Schneider, Hiroo Takayama

3:20^{PM} **Endografting in Women: Are There Gender Differences in Technique or Outcomes With Case Examples**

Lecturers: Danielle Bajakian

3:28^{PM} **Endografting in Type A Dissection With Case Examples**

Lecturers: Hiroo Takayama

3:36^{PM} **Imaging in Type B Dissection Endografting: IVUS Assisted Techniques With Case Examples**

Lecturers: Virendra I Patel

3:44^{PM} **Endovascular Aortic Repairs: Historical Perspectives**

Lecturers: Darren B Schneider

3:52^{PM} **Roundtable Discussion What Are the Unmet Needs in Endo grafting**

REGIONAL SESSIONS

REGIONAL SNAPSHOT SESSION: THE BEST OF INTERVENTION FROM THE MIDDLE EAST AND AFRICA - STRATEGIES FOR COMPLEX PATIENTS

SUNDAY, SEPTEMBER 23, 2018

2:00^{PM} - 4:00^{PM}

Room 31B-C, Upper Level

2:00^{PM} - 2:40^{PM}

Session I. Challenges of Left Main/Bifurcation Interventions

Moderators: Ran Kornowski, Mohamed Ahmed Sobhy

Discussants: Magdy Abdelhamid, Samir Ahnia, Kais Battikh, Leor Perl

- 2:00 PM **Approach to Left Main Coronary Bifurcation Disease in 2018**
Lecturers: Hany Ragy
- 2:10 PM **Case 1: Ostial Left Main Intervention The Value of Imaging**
Case Presenter: Leor Perl
- 2:17 PM **Case 2: A Distal Left Main Lesion With Challenges**
Case Presenter: Nabil Farag
- 2:24 PM **Roundtable Discussion With Audience QA**

2:40 PM - 3:20 PM

Session II: Advanced CTO Approaches

Moderators: Mirvat Alasnag, Graham A. Cassel

Discussants: Waqar H. Ahmed, Shereen Al-Shaikh, Hosam Hasan, Mohamed Jeilan, Ahmed Vachiat

- 2:40 PM **Case 3: Antegrade Strategy**
Case Presenter: Shereen Al-Shaikh
- 2:47 PM **ABCs of Antegrade: Tools and Technique**
Lecturers: Waqar H. Ahmed
- 2:54 PM **Roundtable Discussion With Audience QA**
- 3:00 PM **Case 4: Retrograde Strategy**
Case Presenter: Ahmed Vachiat
- 3:07 PM **ABCs of Retrograde: Tools and Technique**
Lecturers: Ahmed Vachiat
- 3:14 PM **Roundtable Discussion With Audience QA**

3:20 PM - 4:00 PM

Session III: Structural Heart Disease

Moderators: Habib Gamra, E. Murat Tuzcu

Discussants: Hadi Abu-Hantash, Dhaker Lahidheb, Chaim S. Lotan

- 3:20 PM **LAA Closure 1: State of the art**
Lecturers: E. Murat Tuzcu
- 3:30 PM **LAA Closure 2: Step by step**
Lecturers: Hazem Khamis
- 3:37 PM **LAA Closure 3: Prevention and Management of Complications**
Lecturers: Habib Gamra
- 3:44 PM **Roundtable Discussion With Audience QA**

HOT TOPIC LUNCHES

HOT TOPIC LUNCH: CHRONIC KIDNEY DISEASE - PREVENTING AND TREATING CONTRAST NEPHROPATHY

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 23B-C, Upper Level

Accreditation: CME,MOC,ASRT

12:15 PM - 1:45 PM

Chronic Kidney Disease: Preventing and Treating Contrast Nephropathy

Moderators: Sripal Bangalore, Somjot S. Brar

Discussants: Carlo Briguori, Graham A. Cassel, Jose de Ribamar Costa Jr, Hitinder S. Gurm, Navin K. Kapur, Roxana Mehran

- 12:15 PM **Topic 1: Prognostic Significance of Acute Kidney Injury After TAVR**
Lecturers: Steven R. Bailey
- 12:25 PM **Roundtable Discussion With Audience QA**
- 12:30 PM **Topic 2: Zero Contrast PCI**
Lecturers: Ziad A. Ali
- 12:40 PM **Roundtable Discussion With Audience QA**
- 12:45 PM **Topic 3: Revascularization Strategies PCI CABG vs Medical Therapy in Advanced CKD**
Lecturers: Sripal Bangalore
- 12:55 PM **Roundtable Discussion With Audience QA**
- 1:00 PM **Topic 4: CIN Risk Prediction and Outcomes**
Lecturers: Hitinder S. Gurm
- 1:10 PM **Roundtable Discussion With Audience QA**
- 1:15 PM **Topic 5: CIN Prevention Strategies**
Lecturers: Roxana Mehran
- 1:25 PM **Roundtable Discussion With Audience QA**
- 1:30 PM **Topic 6: Radial Access and AKI What Do We Know**
Lecturers: Somjot S. Brar
- 1:40 PM **Roundtable Discussion With Audience QA**

HOT TOPIC LUNCH: CT IMAGING FOR THE CORONARY AND STRUCTURAL HEART DISEASE INTERVENTIONALIST (SPONSORED BY THE SOCIETY OF CARDIOVASCULAR COMPUTED TOMOGRAPHY)

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC,ASRT

12:15 PM - 1:45 PM

CT Imaging for the Coronary and Structural Heart Disease Interventionalist (Sponsored by the Society of Cardiovascular Computed Tomography)

Moderators: James K. Min, Todd C. Villines

Discussants: Victoria Delgado, Hasan Jilaihawi, Omar K. Khaliq, Paul Knaapen, Jonathon A. Leipsic, Stephen H. Little

- 12:15 PM **Imaging and Beyond for LAA Occlusion: Echo CT and 3D Printing**
Lecturers: Stephen H. Little
- 12:25 PM **Roundtable Discussion With Audience QA**
- 12:30 PM **Is Post TAVR CT Imaging Just as Important as Pre TAVR CT Imaging Focus on HALT**
Lecturers: Hasan Jilaihawi
- 12:40 PM **Roundtable Discussion With Audience QA**
- 12:45 PM **New CT Insights for TMVR: The NeoLVOT and Skirt Neo LVOT Concept**
Lecturers: Victoria Delgado
- 12:55 PM **Roundtable Discussion With Audience QA**
- 1:00 PM **CT as First line Test for Everyone With Suspected CAD: Rationale Behind the NICE Guidelines**

Lecturers: James K. Min

1:10 PM **Roundtable Discussion With Audience QA**

1:15 PM **FFR CT: An Evidence Based Appraisal**

Lecturers: Todd C. Villines

1:25 PM **Roundtable Discussion With Audience QA**

1:30 PM **The Vulnerable Plaque and Patient Revisited: Whole Heart Quantitation and Characterization of Atherosclerosis by CT**

Lecturers: Paul Knaapen

1:40 PM **Roundtable Discussion With Audience QA**

Case Presenter: Sanjog Kalra

1:30 PM **Case 10: A Very Elderly Patient With Cardiogenic Shock: How Aggressive Is Too Aggressive**

Case Presenter: Jose M. de la Torre Hernandez

1:38 PM **Case 11: A Case of Out of Hospital Cardiac Arrest Without ST Segment Elevation That We Took to the Cath Lab**

Case Presenter: Graham Nichol

1:46 PM **Take Home Messages: What Did We Learn From These Cases**

Lecturers: Timothy D. Henry

EXPERT CASE REVIEW LUNCHES

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - ACUTE INFARCT ANGIOPLASTY AND CARDIOGENIC SHOCK

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:51 PM

Room 26A-B, Upper Level

Accreditation: CME,MOC

12:15 PM - 1:51 PM

Acute Infarct Angioplasty and Cardiogenic Shock

Moderators: David A. Cox, Timothy D. Henry

Discussants: Hadi Abu-Hantash, Pawel E. Buszman, Warren J. Cantor, Sandeep Nathan, Sheila Sahni, Nir Uriel

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**

Lecturers: David A. Cox

12:18 PM **Case 1: How We Treated A Hemodynamically Stable STEMI Patient With Severe Multivessel Disease**

Case Presenter: Sanjit S. Jolly

12:26 PM **Case 2: A Case in Which Primary PCI Resulted in Severe No Reflow**

Case Presenter: Thomas D. Stuckey

12:34 PM **Case 3: A Case of STEMI and Massive Thrombus Burden**

Case Presenter: Carlos E. Uribe

12:42 PM **Case 4: A Patient With STEMI Due to a Severely Degenerated Saphenous Vein Graft**

Case Presenter: John S. Douglas Jr

12:50 PM **Case 5: A Patient With a Definite STEMI and Apparently Minimally Diseased Coronary Arteries Not Tako Tsubo**

Case Presenter: Petr Kala

12:58 PM **Case 6: Primary PCI With Double Stent Thrombosis**

Case Presenter: Mohamed Ahmed Sobhy

1:06 PM **Case 8: A Case of Cardiogenic Shock That We Treated With Impella**

Case Presenter: A. Reshad Garan

1:14 PM **Case 7: A Case of Cardiogenic Shock Due to an Occluded Left Main That We Treated With ECMO**

Case Presenter: Michael S. Lee

1:22 PM **Case 9: A Case of Cardiogenic Shock That We Treated With Biventricular Support**

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - COMPLEX TAVR CASES

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 28D-E, Upper Level

Accreditation: CME,MOC

12:15 PM - 1:45 PM

Complex TAVR Cases

Moderators: Philippe Genereux, Josep Rodés-Cabau

Discussants: Suzanne V. Arnold, Wayne B. Batchelor, Pablo Lamelas, Tullio Palmerini, Shigeru Saito, Tobias Tichelbäcker

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**

Lecturers: Josep Rodés-Cabau

12:20 PM **Case 1: A Complex TAVR Decision: Prohibitive Surgical Risk vs The Type C Patient**

Case Presenter: Anthony A. Bavry

12:30 PM **Case 2: A Case of Embolic Protection in Difficult Cerebral Anatomy**

Case Presenter: Jochen Wöhrle

12:40 PM **Case 3: Evaluation and Treatment of Low Flow Low Gradient Aortic Stenosis**

Case Presenter: Philippe Pibarot

12:50 PM **Case 4: A Case of Minimalist TAVR With Single Femoral Access**

Case Presenter: Bernard R. Chevalier

1:00 PM **Case 5: A Case in Which We Pushed the Envelope to Complete a Transfemoral TAVR**

Case Presenter: Juan A. Terré

1:10 PM **Case 6: Trans Carotid TAVR Step by Step**

Case Presenter: Keith B. Allen

1:20 PM **Case 7: A Case of Pure Non Calcific Aortic Insufficiency Treated With TAVR**

Case Presenter: Wei-Hsian Yin

1:30 PM **Case 8: A Case of Asymptomatic Leaflet Thrombosis: Management Strategies**

Case Presenter: Philipp Blanke

1:40 PM **Take Home Messages: What Did We Learn From These Cases**

Lecturers: Philippe Genereux

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - CTO RETROGRADE TECHNIQUES

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 25A-B, Upper Level
Accreditation: CME,MOC

12:15 PM - 1:45 PM

CTO Retrograde Techniques

Moderators: Masahiko Ochiai, Georgios Sianos

Discussants: Tony J. DeMartini, Keifei Dou, Omer Goktekin, William Nicholson, Jason Wollmuth, R. Michael Wyman

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Masahiko Ochiai
- 12:20 PM **Case 1: Retrograde CTO Technique: A Case Emphasizing Collateral Selection**
Case Presenter: Khalid Omar Tammam
- 12:30 PM **Case 2: Retrograde CTO Technique: A Case Emphasizing How to Connect The Wires**
Case Presenter: Paul Hsien-Li Kao
- 12:40 PM **Case 3: Using IVUS During Retrograde CTO PCI**
Case Presenter: Satoru Sumitsuji
- 12:50 PM **Case 4: Step By Step Trouble Shooting During Retrograde CTO PCI**
Case Presenter: Paul Knaapen
- 1:00 PM **Case 5: A Case Using Epicardial Collaterals During Retrograde CTO**
Case Presenter: Masahisa Yamane
- 1:10 PM **Case 6: A Case of Channel Injury During the Retrograde Approach**
Case Presenter: Sudhir Rathore
- 1:20 PM **Case 7: A Case of Severe Ischemia and Thrombosis During Retrograde CTO**
Case Presenter: Lei Ge
- 1:30 PM **Case 8: Managing a Large Perforation During a Retrograde CTO PCI**
Case Presenter: Emmanouil S. Brilakis
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Georgios Sianos

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTERVENTIONAL [RICH EMOTIONAL EXPERIENCES] (AKA COMPLICATIONS) II: STRUCTURAL

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:47 PM

Room 28A-B, Upper Level
Accreditation: CME,MOC

12:15 PM - 1:47 PM

Interventional [Rich Emotional Experiences] (AKA Complications) II: Structural

Moderators: Samir R. Kapadia, Bernard Prendergast

Discussants: Eric Eeckhout, Ganesh Manoharan, John C. Messenger, Bernhard Reimers, Paul Sorajja, Eric Vang

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Bernard Prendergast

12:18 PM **Case 1: A Frightening Vascular Complication After TAVR**
Case Presenter: Ethan C Korngold

12:25 PM **Case 2: A Case of Coronary Obstruction After TAVR**
Case Presenter: John K. Forrest

12:32 PM **Case 3: Management of an Embolized TAVR Bioprosthesis Into the Left Ventricle**
Case Presenter: Gorav Ailawadi

12:39 PM **Case 4: Clinically Significant TAVR Leaflet Thrombosis**
Case Presenter: Raj Makkar

12:46 PM **Case 5: Managing a Severe Paravalvular Leak After TAVR Using Fusion Imaging**
Case Presenter: Torsten P. Vahl

12:53 PM **Case 6: Aortic Rupture During TAVR**
Case Presenter: Marco Barbanti

1:00 PM **Case 7: A Case of Late Out of Hospital Heart Block After TAVR**
Case Presenter: Danny Dvir

1:07 PM **Case 8: Retrieval of an Embolized PFO Closure Device**
Case Presenter: Jacqueline Saw

1:14 PM **Case 9: Management of Acute LV Outflow Tract Obstruction During TMVR**
Case Presenter: Howard C. Herrmann

1:21 PM **Case 10: Step by Step Closure of a Large Mitral Paravalvular Leak**
Case Presenter: Eustaquio Maria Onorato

1:28 PM **Case 11: An Unexpected Complication During LAA Closure**
Case Presenter: Ramon Quesada

1:35 PM **Case 12: A Harrowing Complication During a Complex Congenital Procedure**
Case Presenter: John P. Breinholt

1:42 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Samir R. Kapadia

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - LAA OCCLUSION: DECISIONS, TIPS, AND TRICKS

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:59 PM

Room 27A-B, Upper Level
Accreditation: CME,MOC

12:15 PM - 1:59 PM

LAA Occlusion: Decisions, Tips, and Tricks

Moderators: Maurice Buchbinder, Vivek Y. Reddy

Discussants: Habib Gamra, Aaron V. Kaplan, Ulf Landmesser, Petr Neuzil, Jai-Wun Park, Kolja Sievert

12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Vivek Y. Reddy

12:18 PM **Case 1: Acute LAA Closure Device Embolization With Challenging Retrieval**

Lecturers: Maurice Buchbinder

- 12:26 PM **Case 2: A Difficult Transseptal Puncture for an LAA Occlusion Procedure**
Case Presenter: Megan Coylewright
- 12:34 PM **Case 3: A Case Where Procedural Guidance With TEE Made all the Difference**
Case Presenter: Ramon Quesada
- 12:42 PM **Case 4: A Case Demonstrating Why I Prefer ICE Over TEE for LAA Occlusion**
Case Presenter: Jacqueline Saw
- 12:42 PM **Case 5: A Case of Image Fusion Technology to Guide LAA Exclusion**
Case Presenter: Carlos E. Ruiz
- 12:50 PM **Case 6: Closing the Wide Mouthed Multilobed LAA**
Case Presenter: Stefan C. Bertog
- 1:03 PM **Case 7: Closing the LAA When the Device Wont Fit**
Case Presenter: Reda Ibrahim
- 1:06 PM **Case 8: Two Quick Cases: One in Which I Preferred Watchman One in Which I Preferred Amplatzer**
Case Presenter: Ashish Pershad
- 1:14 PM **Case 9: Management of a Persistent Leak After LAA Closure**
Case Presenter: George S. Hanzel
- 1:22 PM **Case 10: Reclosing a Reopened LAA After Surgical Ligation**
Case Presenter: Peter B. Sick
- 1:30 PM **Case 11: Major Complication of an LAA Closure Procedure in a Frail Elderly Patient**
Case Presenter: David Hildick-Smith
- 1:38 PM **Case 12: An LAA Exclusion Procedure Guided by Personalized Computer Modeling**
Case Presenter: Philippe Garot
- 1:46 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Maurice Buchbinder

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - LEFT MAIN AND BIFURCATION INTERVENTION: TECHNIQUE AND OUTCOMES

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:45 PM

Room 29A-B, Upper Level
Accrediation: CME,MOC

12:15PM - 1:45 PM

Left Main and Bifurcation Intervention: Technique and Outcomes

Moderators: Davide Capodanno, Jean Fajadet
Discussants: Andrejs Erglis, Tim A. Fischell, Annapoorna Kini, Alfredo E. Rodriguez, Corrado Tamburino, Chris Kwok Yiu Wong

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Davide Capodanno
- 12:20 PM **Case 1: An Ostial Left Main Lesion: How to Nail the Ostium**
Case Presenter: Afzalur Rahman
- 12:28 PM **Case 2: A Complex Left Main Bifurcation: Is Lesion Preparation Necessary**

Case Presenter: Nirat Beohar

- 12:36 PM **Case 3: A Complex Left Main Bifurcation: I Chose Provisional The Acute andor Late Results Were Unexpected**
Case Presenter: Jean Fajadet
- 12:44 PM **Case 4: A Complex Left Main Bifurcation: I Chose SKS The Acute andor Late Results Were Unexpected**
Case Presenter: Samin K. Sharma
- 12:52 PM **Case 5: A Complex Left Main Bifurcation: I Chose Culotte The Acute andor Late Results Were Unexpected**
Case Presenter: Miroslaw Ferenc
- 1:00 PM **Case 6: A Complex Left Main Bifurcation: I Chose DK Crush The Acute andor Late Results Were Unexpected**
Case Presenter: Junjie Zhang
- 1:08 PM **Case 7: A Left Main Distal Bifurcation PCI in Which Intravascular Imaging Markedly Changed My Treatment**
Case Presenter: Jacek Legutko
- 1:16 PM **Case 8: A Left Main Distal Bifurcation PCI in Which Physiologic Guidance Markedly Changed My Treatment**
Case Presenter: Jung-Min Ahn
- 1:24 PM **Case 9: A Complex Left Main Trifurcation: Heres How I Did It**
Case Presenter: Vinay K. Bahl
- 1:32 PM **Case 10: Longitudinal Stent Deformation During Left Main Stenting**
Case Presenter: Yves R. Louvard
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Jean Fajadet

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PHYSIOLOGIC GUIDANCE - FFR, iFR, CFR AND IMR

SUNDAY, SEPTEMBER 23, 2018

12:15 PM - 1:47 PM

Room 33B-C, Upper Level
Accrediation: CME,MOC

12:15PM - 1:47 PM

Physiologic Guidance in the Cath Lab: FFR, iFR and More

Moderators: Justin E. Davies, Javier Escaned
Discussants: Felix Bohm, Matthias Götzberg, Michalis Hamilos, Niels R. Holm, Erick Schampaert, Adhir Shroff

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Javier Escaned
- 12:18 PM **Case 1: A Case of Physiological Assessment of a Myocardial Bridge**
Case Presenter: Amir Lerman
- 12:25 PM **Case 2: A Case in Which 3 Vessel FFR Markedly Changed My Treatment**
Case Presenter: Seung-Jung Park
- 12:32 PM **Case 3: A Case in Which FFR Of A Mild Lesion Led Me To Stent**
Case Presenter: Valerian Fernandes

- 12:39 PM **Case 4: A Case in Which Post Stent FFR Assessment Changed My Treatment**
Case Presenter: Roberto Diletti
- 12:46 PM **Case 5: A Case of iFR Co Registration To Identify Focal Treatable Disease**
Case Presenter: Justin E. Davies
- 12:53 PM **Case 6: A Case of FFR and iFR in the Left Main Which To Believe**
Case Presenter: Robert J. Gil
- 1:00 PM **Case 7: A Case With Marked Discordance Between FFR and iFR Which to Believe**
Case Presenter: Arnold Seto
- 1:07 PM **Case 8: A Case of Culprit and Non Culprit Lesion Assessment in ACS: FFR iFR Both or Nither**
Case Presenter: Eric Van Belle
- 1:14 PM **Case 9: A Case in Which it Was Preferable To Measure Coronary Flow Not Pressure**
Case Presenter: Jan J. Piek
- 1:21 PM **Case 10: A Case Demonstrating the Resting Full Cycle Ratio RFR**
Case Presenter: Allen Jeremias
- 1:28 PM **Case 11: A Case of Demonstrating the Potential Utility of vFFR**
Case Presenter: Joost Daemen
- 1:35 PM **Case 12: A Case Demonstrating the Potential Utility of QFR**
Case Presenter: Shengxian Tu
- 1:42 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Justin E. Davies

2:00 PM - 3:30 PM

Special Session: Hemodynamic Brain Teasers From the Cath Lab

Moderators: Morton J. Kern, Holger Thiele

Discussants: Joseph P. Carrozza Jr, Holger M. Nef, Megha Prasad, Gerhard C. Schuler

- 2:00 PM **Low Flow Low Gradient Aortic Stenosis Hemodynamic Pitfalls**
Lecturers: Howard C. Herrmann
- 2:08 PM **Roundtable Discussion With Audience QA**
- 2:18 PM **Hypertrophic Cardiomyopathy Brockebrough Phenomenon and More**
Lecturers: Joseph P. Carrozza Jr
- 2:26 PM **Roundtable Discussion With Audience QA**
- 2:36 PM **Constrictive Pericarditis or Restrictive Cardiomyopathy Hemodynamic Old School**
Lecturers: Gerhard C. Schuler
- 2:44 PM **Roundtable Discussion With Audience QA**
- 2:54 PM **Pulmonary Hypertension How to Assess**
Lecturers: Holger Thiele
- 3:02 PM **Roundtable Discussion With Audience QA**
- 3:12 PM **Shunt Assessment VSD ASD Typical Pitfalls**
Lecturers: Morton J. Kern
- 3:20 PM **Roundtable Discussion With Audience QA**

SPECIAL SESSIONS

SPECIAL SESSION: 30TH TCT ANNIVERSARY CELEBRATORY KEYNOTE

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 2:30 PM

Ballroom 6A, Upper Level

2:00 PM - 2:30 PM

30th TCT Anniversary Celebratory Keynote Lecture

Moderators: Richard A. Schatz, Patrick W. Serruys

Discussants: Rafael Beyar, Peter C. Block, Jean Fajadet, George W. Vetrovec

2:00 PM **The Legacy of Andreas Gruentzig The Father of Interventional Cardiology**

Lecturers: Philippe E. Gaspard

2:20 PM **Roundtable Discussion**

SPECIAL SESSION: HEMODYNAMIC BRAIN TEASERS FROM THE CATH LAB

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

Room 23B-C, Upper Level

Accreditation: CME,MOC

FASCINATING LECTURES II: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND ADVANCED IMAGING

SUNDAY, SEPTEMBER 23, 2018

2:30 PM - 3:45 PM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

2:30 PM - 3:45 PM

Artificial Intelligence, Machine Learning, and Advanced Imaging

Moderators: Mayra Guerrero, James K. Min

Discussants: Anthony N. DeMaria, Kishore J. Harjai, Randolph P. Martin, Peter H. Stone, Robert L. Wilensky

2:30 PM **The Future of STEMI Care: The Impact of Disruptive Technology**
Lecturers: James Flaherty

2:40 PM **Fascinating QA**

2:45 PM **Artificial Intelligence and the Future of Interventional Cardiology**
Lecturers: Partha Sardar

2:55 PM **Fascinating QA**

3:00 PM **Interactive Virtual Reality Imaging for Structural Heart Procedural Planning**
Lecturers: Saurabh Sanon

- 3:10 PM **Fascinating QA**
- 3:15 PM **Patient Specific Computer Simulation of TAVR in Bicuspid Aortic Valve Morphology**
Lecturers: Cameron Dowling
- 3:25 PM **Fascinating QA**
- 3:30 PM **From 3D Printing to Virtual Implantation: A Guide to the Future of Structural Heart Interventions**
Lecturers: James Otton
- 3:40 PM **Fascinating QA**

- 11:40 AM **NHPR and FFR When to Use What**
Lecturers: Allen Jeremias
- 11:50 AM **Clinical Experience Using Opsens dPR**
Lecturers: Hitoshi Matsuo
- 12:00 PM **Understanding the Impact of Drift: The DRIFT study**
Lecturers: Manish A. Parikh
- 12:10 PM **Post PCI FFR Ending on a High Note**
Lecturers: Barry F Uretsky
- 12:20 PM **Discussion**
Moderators: Morton J. Kern
Discussants: Allen Jeremias, Hitoshi Matsuo, Manish A. Parikh, Barry F Uretsky
- 12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAMS

PRESENTATION THEATER PROGRAM: ADVANCED SOLUTIONS FOR COMPLEX PCI: XIENCE SIERRA, OCT AND OUTCOMES (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Presentation Theater 5, Exhibit Hall, Ground Level

11:30AM - 12:30 PM

Advanced Solutions for Complex PCI: XIENCE Sierra, OCT and Outcomes

Faculty: Jonathan M. Hill, Allen Jeremias, Ajay J. Kirtane, Jose M. de la Torre Hernandez

- 11:30 AM **Welcome**
Lecturers: Jose M. de la Torre Hernandez
- 11:34 AM **Left Main NEW EXCEL Data and Case Review**
Lecturers: Jonathan M. Hill
- 11:53 AM **Diffuse and Calcified Lesions: Treating Challenging Situations**
Lecturers: Ajay J. Kirtane
- 12:12 PM **How to Use OCT to Get Precise Placement for Bifurcations: Introduction to the BOOM Technique**
Lecturers: Allen Jeremias
- 12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: THE COMING OF AGE OF FFRCT: CLINICAL USE OF THE HEARTFLOW FFRCT ANALYSIS TO GUIDE TREATMENT DECISION MAKING (SPONSORED BY HEARTFLOW)

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Presentation Theater 3, Exhibit Hall, Ground Level

11:30AM - 12:30 PM

The Coming of Age of FFRCT: Clinical Use of the HeartFlow FFRCT Analysis to Guide Treatment Decision Making

Chairs: Gregg W. Stone

Faculty: Bernard De Bruyne, MD, PhD, Pamela S. Douglas, Jonathon A. Leipsic, Robert D. Safian

- 11:30 AM **Welcome and Introduction**
Lecturers: Gregg W. Stone
- 11:35 AM **Overview of the HeartFlow Analysis**
Lecturers: Bernard De Bruyne, MD, PhD
- 11:45 AM **Review of Latest HeartFlow Data**
Lecturers: Jonathon A. Leipsic
- 11:55 AM **Incorporating HeartFlow into Daily Practice**
Lecturers: Robert D. Safian
- 12:05 PM **On the Horizon: HeartFlow Sponsored Randomized Clinical Trials I PRECISE**
Lecturers: Pamela S. Douglas
- 12:10 PM **On the Horizon: HeartFlow Sponsored Randomized Clinical Trials II DECISION**
Lecturers: Gregg W. Stone
- 12:15 PM **Moderated Discussion**
Moderators: Gregg W. Stone
Lecturers: Bernard De Bruyne, MD, PhD
Discussants: Pamela S. Douglas, Jonathon A. Leipsic, Robert D. Safian

PRESENTATION THEATER PROGRAM: FFR AND NHPR: START RIGHT, FINISH RIGHT (SPONSORED BY OPSENS MEDICAL)

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Presentation Theater 4, Exhibit Hall, Ground Level

11:30AM - 12:30 PM

FFR and NHPR: Start Right, Finish Right

Chairs: Morton J. Kern

Faculty: Allen Jeremias, Hitoshi Matsuo, Manish A. Parikh, Barry F Uretsky

- 11:30 AM **Using One FFR Wire Start to Finish**
Lecturers: Morton J. Kern

PRESENTATION THEATER PROGRAM: TMVR: PREPARING FOR THE NEXT REVOLUTION (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Presentation Theater 1, Hall B2, Ground Level

11:30AM - 12:30 PM

TMVR: Preparing for the Next Revolution

Co Chairs: Martin B. Leon, Christopher U. Meduri

Faculty: Vinayak Bapat, Michael J. Mack

- 11:30 AM **Treatment of Mitral Disease in 2018 Current State**
Lecturers: Christopher U. Meduri
- 11:34 AM **Transcatheter Mitral Valve Replacement: Rationale and Trial Design Considerations**
Lecturers: Martin B. Leon
- 11:46 AM **Discussion and Audience Interaction**
- 11:49 AM **CT Imaging and Screening the Transcatheter Mitral Valve Replacement Patient**
Lecturers: Vinayak Bapat
- 11:57 AM **Discussion and Audience Interaction**
- 12:00 PM **Optimizing Medical Care for the Transcatheter Mitral Valve Replacement Patient**
Lecturers: Christopher U. Meduri
- 12:10 PM **Discussion and Audience Interaction**
- 12:13 PM **Intrepid Transcatheter Mitral Valve Replacement Global Pilot Study Outcomes: Lessons Learned**
Lecturers: Michael J. Mack
- 12:23 PM **Discussion and Audience Interaction**
- 12:26 PM **Session Evaluation and Key Learnings**
Lecturers: Martin B. Leon, Christopher U. Meduri
- 12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: UNVEILING THE FUTURE OF BIORESORBABLE CORONARY SCAFFOLDS: THE THIN-WALLED HIGH MECHANICAL PERFORMANCE AMARANTH MEDICAL BRS PROGRAM (SPONSORED BY AMARANTH MEDICAL, INC.)

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Presentation Theater 2, Hall B2, Ground Level

11:30AM - 12:30 PM

Unveiling the Future of Bioresorbable Coronary Scaffolds: The Thin-Walled High Mechanical Performance Amaranth Medical BRS Program

Chairs: Antonio Colombo, Martin B. Leon

Faculty: Alaide Chieffo, Juan F. Granada, Azeem Latib

- 11:30 AM **Welcome and Session Objectives**
Lecturers: Antonio Colombo
- 11:35 AM **Technological Platform and Experimental Insights from the Worlds Thinnest 85 m BRS**
Lecturers: Juan F. Granada
- 11:47 AM **Discussion and Audience Questions**
Moderators: Antonio Colombo, Martin B. Leon

11:52 AM **FORTITUDE 150 m and APTITUDE 115 m BRS: 2 and 3 year**

Clinical Updates

Lecturers: Alaide Chieffo

12:04 PM **Discussion and Audience Questions**

Moderators: Martin B. Leon

12:09 PM **MAGNITUDE 98 m BRS 9 month Final Safety and Imaging Results**

Lecturers: Azeem Latib

12:21 PM **Discussion and Audience Questions**

Moderators: Martin B. Leon

12:26 PM **Session Evaluation and Summary**

Lecturers: Martin B. Leon

PRESENTATION THEATER PROGRAM: CHALLENGING PCI IN HIGH-BLEEDING RISK PATIENTS - A CASE BASED APPROACH (SPONSORED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018

1:00 PM - 2:00 PM

Presentation Theater 3, Exhibit Hall, Ground Level

1:00PM - 2:00 PM

Challenging PCI in High-Bleeding Risk Patients - A Case Based Approach

Co Chairs: Ajay J. Kirtane, Azeem Latib

1:00 PM **Welcome and Session Objectives**

1:05 PM **A Patient Older Than 75 Years**

1:13 PM **Panel DiscussionQA**

1:22 PM **A Patient Currently Taking Anti Coagulants**

1:30 PM **Panel Discussion QA**

1:39 PM **A Patient With a History of Bleeding**

1:47 PM **Panel Discussion QA**

1:56 PM **Summary and Close**

PRESENTATION THEATER PROGRAM: CLINICAL KALEIDOSCOPE OF NOVEL INTERVENTIONAL TECHNOLOGIES (SPONSORED BY MERIL LIFE SCIENCES PVT. LTD.)

SUNDAY, SEPTEMBER 23, 2018

1:00 PM - 2:00 PM

Presentation Theater 2, Hall B2, Ground Level

1:00PM - 2:00 PM

Clinical Kaleidoscope of Novel Interventional Technologies

Chairs: Teguh Santoso, Samin K. Sharma

Faculty: Alexandre Abizaid, Abdul Rahman Al-Mughairi, Alejandro Cherro, Enric Domingo, Pravin K Goel, Martin B. Leon, Aravinda Nanjundappa, Sahil A. Parikh, Ravinder Singh Rao, Mohd. Riad Senoussaoui, Ashok Seth, Corrado Tamburino, Jorge Villegas, Adam Witkowski

- 1:00 PM **Opening Remarks**
Lecturers: Martin B. Leon
- 1:05 PM **Science Behind MyVal THV Clinical Update**
Lecturers: Ashok Seth
- 1:12 PM **My Experience With MyVal THV in Complex Clinical Situations**
Lecturers: Ravinder Singh Rao
- 1:19 PM **Next Generation BRS MeRes100 Science Clinical Update**
Lecturers: Pravin K Goel
- 1:26 PM **Extending the Role of BRS in PAD Clinical Update**
Lecturers: Sahil A. Parikh
- 1:33 PM **BioMime Thinner Strut DES meriT V RCT Update**
Lecturers: Alexandre Abizaid
- 1:40 PM **Complex Cases With BioMime Family of SES**
Lecturers: Corrado Tamburino
- 1:47 PM **Panel Discussion**
- 2:00 PM **Adjourn**

PRESENTATION THEATER PROGRAM: MORE OPTIONS AND MORE POSSIBILITIES IN TREATING PATIENTS WITH MR (SPONSORED BY ABBOTT)

SUNDAY, SEPTEMBER 23, 2018

1:00 PM - 2:00 PM

Presentation Theater 5, Exhibit Hall, Ground Level

1:00PM - 2:00 PM

More Options and More Possibilities in Treating Patients With MR

Faculty: William T. Abraham, Saibal Kar, JoAnn Lindenfeld, Michael J. Mack, Gregg W. Stone

- 1:00 PM **Welcome**
Lecturers: Michael J. Mack
- 1:05 PM **Emerging Data in the Heart Failure Patient with MR**
Lecturers: Gregg W. Stone
- 1:15 PM **Implications to Patient Care: When Guided Therapy Is Not Enough**
Lecturers: William T. Abraham
- 1:25 PM **The New Heart Team: A Conversation with your Heart Failure Specialist**
Lecturers: JoAnn Lindenfeld
- 1:35 PM **New Horizons in Patient Outcomes with MitraClip NTR XTR: On Behalf of the EXPAND Investigators**
Lecturers: Saibal Kar
- 1:45 PM **Closing and Remarks**
Lecturers: William T. Abraham, Saibal Kar, JoAnn Lindenfeld, Michael J. Mack
- 2:00 PM **Adjourn**

PRESENTATION THEATER PROGRAM: OPTIMIZING PCI: NEW OPTIONS IN CORONARY PHYSIOLOGY & HIGH DEFINITION IVUS (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

SUNDAY, SEPTEMBER 23, 2018

1:00 PM - 2:00 PM

Presentation Theater 4, Exhibit Hall, Ground Level

1:00PM - 2:00 PM

Optimizing PCI: New Options in Coronary Physiology & High Definition IVUS

Chairs: Morton J. Kern

Faculty: Ziad A. Ali, Nils Johnson, Akiko Maehara

- 1:00 PM **Coronary Physiology Toolbox**
Lecturers: Morton J. Kern
- 1:05 PM **DFR Methodology Analysis**
Lecturers: Nils Johnson
- 1:15 PM **Panel Discussion**
Moderators: Morton J. Kern Discussants: Ziad A. Ali, Nils Johnson, Akiko Maehara
- 1:20 PM **When to Use What in Coronary Physiology**
Lecturers: Ziad A. Ali
- 1:30 PM **Panel Discussion**
Moderators: Morton J. Kern Discussants: Ziad A. Ali, Nils Johnson, Akiko Maehara
- 1:35 PM **HD IVUS When Precision Depth Matter**
Lecturers: Akiko Maehara
- 1:50 PM **Panel DiscussionQA**
Moderators: Morton J. Kern Discussants: Ziad A. Ali, Nils Johnson, Akiko Maehara

PRESENTATION THEATER PROGRAM: OPTIMIZING REVASCULARIZATION IN COMPLEX PERIPHERAL ARTERIAL LESIONS (SPONSORED BY MEDTRONIC)

SUNDAY, SEPTEMBER 23, 2018

1:00 PM - 2:00 PM

Presentation Theater 1, Hall B2, Ground Level

1:00PM - 2:00 PM

Optimizing Revascularization in Complex Peripheral Arterial Lesions

Chairs: Krishna J. Rocha-Singh

Faculty: Brian G. DeRubertis, Jon C. George, Mehdi H. Shishehbor

- 1:00 PM **Introduction**
Lecturers: Krishna J. Rocha-Singh
- 1:10 PM **Durability of Drug Coated Balloons**
Lecturers: Krishna J. Rocha-Singh
- 1:25 PM **Vessel Preparation for Optimal Outcomes**
Lecturers: Brian G. DeRubertis
- 1:40 PM **Optimal Angioplasty Techniques Below the Knee**
Lecturers: Jon C. George
- 1:55 PM **Closing Remarks**
Lecturers: Krishna J. Rocha-Singh

INTERNATIONAL SOCIETY SESSIONS

INTERNATIONAL SESSION: A POTPOURRI OF HIGH-RISK AND COMPLEX CASES OF CORONARY, PERIPHERAL, AND STRUCTURAL HEART DISEASE INTERVENTION, PRESENTED BY TSCI (TAIWAN SOCIETY OF CARDIOVASCULAR INTERVENTIONS), ISIC (INDONESIAN SOCIETY OF INTERVENTIONAL CARDIOLOGY), CIAT (CARDIOVASCULAR INTERVENTION ASSOCIATION OF THAILAND), CVIT (JAPANESE ASSOCIATION OF CARDIOVASCULAR INTERVENTION AND THERAPEUTICS)

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 10:00 AM

Room 27A-B, Upper Level

8:30 AM - 9:11 AM

Session I. High-Risk and Complex Intervention Part 1

Moderators: Paul Hsien-Li Kao, Wasan Udayachalerm

Discussants: Wacin Buddhari, Chi-Jen Chang, Takaharu Nakayoshi, Sodiqr Rifqi, Yoshito Yamamoto

8:30 AM **Introduction and Session I Goals**

Lecturers: Paul Hsien-Li Kao

8:31 AM **Thailand Presents: A Nightmare in CTO Intervention Chasing the Remnant**

Case Presenter: Nattawut Wongpraparut

8:39 AM **Indonesia Presents: PCI and TAVI in a High Risk Patient With ACS Caused by Diffuse Left Coronary Artery Full Metal Jacket In Stent Stenosis With Severe Aortic Stenosis**

Case Presenter: Teguh Santoso

8:47 AM **Japan Presents: Endovascular Entry Closure of Aortic Dissection With an Amplatzer Vascular Plug 2**

Case Presenter: Yosuke Hata

8:55 AM **Taiwan Presents: Taiwan TAVR Registry**

Lecturers: Wei-Hsian Yin

9:03 AM **Roundtable Discussion With Audience QA**

9:09 AM **Session I Conclusions and Take home Messages**

Lecturers: Wasan Udayachalerm

9:11 AM - 10:00 AM

Session II. High-Risk and Complex Intervention Part 2

Moderators: Yutaka Hikichi, Teguh Santoso

Discussants: Hsuan-Li Huang, Wirash Kehasukcharoen, Wen-Lieng Lee, Samuel Sudanawidjaja, Damras Tresukosol

9:11 AM **Introduction and Session II Goals**

9:12 AM **Taiwan Presents: Endovascular Revascularization of Chronic Carotid Artery Occlusion**

Case Presenter: Ying-Hsien Chen

9:20 AM **Thailand Presents: Percutaneous Closure of a High Flow Acquired Renal AV Fistula Using AVP2 in a Patient With Heart Failure and Pulmonary Hypertension**

Case Presenter: Krissada Meemook

9:28 AM **Japan Presents: BRAVO Technique Complete Revascularization for Heavily Calcified Common Femoral Artery Occlusion Without Surgical Endarterectomy**

Case Presenter: Yoshito Yamamoto

9:36 AM **Indonesia Presents: A Patient With Total Occlusion of Both Subclavian Arteries Both Iliac Arteries the Abdominal Aorta and Left Main How to Treat**

Case Presenter: Linda Lison

9:44 AM **Taiwan Presents: Conquer ALL Exhaust All the Weapons in Taiwan**

Case Presenter: Chung-Ho Hsu

9:52 AM **Roundtable Discussion With Audience QA**

9:58 AM **Session II Conclusions and Take home Messages**

Lecturers: Teguh Santoso

INTERNATIONAL SESSION: TREATMENT DILEMMAS IN ACUTE CORONARY SYNDROMES PRESENTED BY CARDIOLOGY SOCIETY OF SERBIA WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, FYR MACEDONIAN SOCIETY OF CARDIOLOGY, HELLENIC SOCIETY WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, CYPRUS SOCIETY OF CARDIOLOGY AND SLOVENIAN WORKING GROUP FOR INTERVENTIONAL CARDIOLOGY

SUNDAY, SEPTEMBER 23, 2018

9:00 AM - 10:30 AM

Room 24C, Upper Level

9:00 AM - 10:30 AM

Treatment Dilemmas in Acute Coronary Syndromes

Moderators: Miha Cercek, Michalis Hamilos, Milan A. Nedeljkovic, Emmanouil I Skolidis

Discussants: Christos Christou, Sasko Kedev, Konstantinos Toutouzias

9:00 AM **Slovenia Presents: Literature Review and a Case: ACS in a Patient With Large Thrombotic Burden**

Lecturers: Miha Cercek

9:13 AM **Roundtable Discussion With Audience QA**

9:18 AM **FYRO Macedonia Presents: Literature Review and a Case: Transradial Access for Complex Left Main PCI**

Lecturers: Sasko Kedev

9:31 AM **Roundtable Discussion With Audience QA**

9:36 AM **Greece Presents: Literature Review and a Case: PCI for Spontaneous Coronary Artery Dissection**

Lecturers: Michalis Hamilos

9:49 AM **Roundtable Discussion With Audience QA**

9:54 AM **Cyprus Presents: Literature Review and a Case: Complex Transradial Primary PCI of an Aneurysmal Tortuous Right Coronary Artery Filled With Thrombus**

Lecturers: Christos Christou

10:07 AM **Roundtable Discussion With Audience QA**

10:12 AM **Serbia Presents: Literature Review and a Case: To Stent or Not to Stent in a Patient With ECG Changes Suggestive of Ischemia**

Lecturers: Milan A. Nedeljkovic

10:25 AM **Roundtable Discussion With Audience QA**

INTERNATIONAL SESSION: COMPLEX HIGH-RISK INDICATED PATIENTS (CHIP PCI) PRESENTED BY THE BRITISH CARDIOVASCULAR INTERVENTION SOCIETY, RUSSIAN SCIENTIFIC SOCIETY OF ENDOVASCULAR THERAPIES, SCOTTISH CARDIAC SOCIETY, AND THE IRISH CARDIAC SOCIETY

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

Room 27A-B, Upper Level

10:00AM - 11:30 AM

Complex High-Risk Indicated Patients (CHIP PCI)

Moderators: Margaret B. McEntegart, James Nolan

Discussants: Bagrat Alekryan, Richard A Anderson, Julia Baron, Vladimir Ganyukov, Mamas Mamas

- 10:00 AM **Impact of Aging on CHIP PCI Technique and Outcomes**
Lecturers: Richard A Anderson
- 10:08 AM **Case Presentation 1: The Wisdom of CHIP PCI in a Very Elderly Patient**
Case Presenter: Karim Ratib
- 10:14 AM **Case 1 Commentary: The Wisdom of CHIP PCI in a Very Elderly Patient What Would I Have Done With This Patient**
Lecturers: Mamas Mamas
- 10:20 AM **CHIP PCI Outcomes in UK Practice: Insight From the BCIS PCI Registry**
Lecturers: Tim Kinnaird
- 10:28 AM **Vascular Access Management in the CHIP Patient**
Lecturers: Sergey A. Abugov
- 10:36 AM **Case Presentation 2: Benefits and Hazards of Distal Radial Access in the CHIP Patient**
Case Presenter: Evgeny V. Merkulov
- 10:42 AM **Case 2 Commentary: Benefits and Hazards of Distal Radial Access in the CHIP Patient How I Would Have Done This Case**
Lecturers: Asif Qasim
- 10:48 AM **Contemporary Assessment and Management of Coronary Calcium**
Lecturers: Anthony H. Gershlick
- 10:56 AM **Case Presentation 3: Resistant Calcific Left Main Stem Disease**
Case Presenter: Julia Baron
- 11:02 AM **Case 3 Commentary: Resistant Calcific Left Main Stem Disease What Does the Literature Tell Us**
Lecturers: Nick Curzen
- 11:08 AM **Mechanical Circulatory Support for CHIP PCI: Is There Any Good Data**
Lecturers: Azfar G. Zaman
- 11:16 AM **Case Presentation 4: Mechanical Circulatory Support in CHIP PCI**
Case Presenter: Alexey Protopopov
- 11:22 AM **Case 4 Commentary: Mechanical Circulatory Support in CHIP PCI: How I Would Have Managed This Case**
Case Presenter: David Burke
- 11:28 AM **Concluding Remarks**
Lecturers: Margaret B. McEntegart, James Nolan

INTERNATIONAL SESSION: STEMI POTPOURRI PRESENTED BY THE CANADIAN ASSOCIATION OF INTERVENTIONAL CARDIOLOGY; KOREAN SOCIETY OF INTERVENTIONAL CARDIOLOGY; SWISS WORKING GROUP INTERVENTIONAL CARDIOLOGY AND ACUTE CORONARY SYNDROME; VIETNAM NATIONAL HEART ASSOCIATION

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 12:00 PM

Room 24C, Upper Level

10:30AM - 12:00 PM

STEMI Potpourri Presented by The Canadian Association of Interventional Cardiology; Korean Society of Interventional Cardiology; Swiss Working Group Interventional Cardiology and Acute Coronary Syndrome; Vietnam National Heart Association

Moderators: Akshay Bagai, Stephen Cook

Discussants: Warren J. Cantor, Hyo-Soo Kim, Stephane Noble

- 10:30 AM **Case Presentation From Canada: False Activation and Alternative Diagnoses**
Case Presenter: Warren J. Cantor
- 10:40 AM **Roundtable Discussion With Audience QA**
- 10:45 AM **Case Presentation From Switzerland: STEMI Post TAVI**
Case Presenter: Stephane Noble
- 10:55 AM **Roundtable Discussion With Audience QA**
- 11:00 AM **Case Presentation From S. Korea: Complete Vs. IRA only PCI Among STEMI Patients With MVD**
Case Presenter: Hyo-Soo Kim
- 11:10 AM **Roundtable Discussion With Audience QA**
- 11:15 AM **Case Presentation From Vietnam: Pharmacoinvasive Strategy In the Developing World**
Case Presenter: Quang Ngoc Nguyen
- 11:25 AM **Roundtable Discussion With Audience QA**
- 11:30 AM **Unsettled Issues in STEMI Intervention: The Grand Discussion**
Moderators: Akshay Bagai, Stephen Cook

INTERNATIONAL SESSION: EXPLORING THE UNKNOWN OF INTERVENTIONAL CARDIOLOGY ☐ PCI AND STRUCTURAL INTERVENTIONS PRESENTED BY THE PORTUGUESE ASSOCIATION OF INTERVENTIONAL CARDIOLOGY (APIC), SOCIEDADE BRASILEIRA DE HEMODINÂMICA E CARDIOLOGIA INTERVENCIONISTA (SBHCI), PHILIPPINE HEART ASSOCIATION, AND THE SINGAPORE CARDIAC SOCIETY

SUNDAY, SEPTEMBER 23, 2018

1:30 PM - 3:30 PM

Room 24C, Upper Level

1:30PM - 3:30 PM

Exploring the Unknown of Interventional Cardiology: PCI and Structural Interventions

Moderators: Joshua P. Loh, João A Silveira

Discussants: Andres Jr N Baysa, Alexandre Schaan Quadros

- 1:30 PM **Welcome and Session Objectives**
Lecturers: João A Silveira

- 1:34 PM **Case 1: Percutaneous Closure of Anything With Something The Off Label Use of Devices. Mitral Leak Post MI VSD Ascending Aorta Pseudoaneurysm LV Pseudoaneurysm**
Case Presenter: Antonio Fiarresga
- 1:44 PM **Roundtable Discussion With Audience QA**
- 1:48 PM **Case 2: Multiple Long term TAVI Failures: A Unique Case Treated With Three Different Devices**
Case Presenter: Ricardo A. Costa
- 1:58 PM **Roundtable Discussion With Audience QA**
- 2:02 PM **Case 3: An Improvised Fenestrated ASD Occluder in Severe Pulmonary Hypertension**
Case Presenter: Richard Nicandro R Torres
- 2:12 PM **Roundtable Discussion With Audience QA**
- 2:16 PM **Case 4: OCT Findings and Management of a Dislodged Magnesium Based Bioresorbable Scaffold**
Lecturers: Chee Yang Chin
- 2:26 PM **Roundtable Discussion With Audience QA**
- 2:30 PM **Case 5: One Heart One Team Two Transcatheter Valve Interventions**
Case Presenter: Pedro de Araujo Goncalves
- 2:40 PM **Roundtable Discussion With Audience QA**
- 2:44 PM **Case 6: Provisional Reverse Stenting in an Ostial Circumflex Lesion**
Case Presenter: Alexandre Schaan Quadros
- 2:54 PM **Roundtable Discussion With Audience QA**
- 2:58 PM **Case 7: When Calcium Hits You in The Face Rota STEMI and OPN Balloon at 4 AM**
Case Presenter: Fahim Haider Jafary
- 3:08 PM **Roundtable Discussion With Audience QA**
- 3:12 PM **Case 8: A Complicated EVAR**
Case Presenter: John David Tan
- 3:22 PM **Roundtable Discussion With Audience QA**
- 3:26 PM **Closing Remarks**
Lecturers: Joshua P. Loh

- 3:30 PM **Introduction**
Lecturers: Armando Perez de Prado
- 3:35 PM **Spain Presents: Hemodynamic Support in a Killip IV Class Patient With Acute Myocardial Infarction**
Case Presenter: Ana Belen Cid Alvarez
- 3:47 PM **Spain Discusses: How Would I Approach This Patient and Cardiogenic Shock in General**
Lecturers: Raul Moreno
- 3:54 PM **Turkey Presents: A Patient With Coronary Thrombus Undergoing Primary PCI for STEMI Is Stenting Always a Solution**
Case Presenter: Cem Barcin
- 4:06 PM **Turkey Discusses: How Would I Approach This Patient and Coronary Thrombus in General**
Lecturers: Nezih Baris
- 4:13 PM **The Netherlands Presents: Two Step Stent Approach to Coronary Dissection and Vessel Wall Hematoma**
Case Presenter: Rik Hermanides
- 4:25 PM **The Netherlands Discusses: How Would I Approach This Patient and Multivessel Disease in STEMI in General**
Lecturers: Niels van Royen
- 4:32 PM **Australia Presents: A Patient With Spontaneous Coronary Artery Dissection To Treat or Not**
Case Presenter: Scott Harding
- 4:44 PM **Australia Discusses: How Would I Approach This Patient and SCAD in General**
Lecturers: Mark W.I. Webster
- 4:51 PM **Take home Messages**
Lecturers: David W.M. Muller

INTERNATIONAL SESSION: OCT GUIDANCE IN LEFT MAIN BIFURCATIONS, PRESENTED BY THE NORDIC-BALTIC-BRITISH STUDY GROUP FOR INTERVENTIONAL CARDIOLOGY

SUNDAY, SEPTEMBER 23, 2018

3:30 PM - 5:30 PM

Room 27A-B, Upper Level

3:30 PM - 4:00 PM

Session I. Simple Left Main Bifurcation Treatment Guided by OCT

Moderators: Andrejs Erglis, Niels R. Holm

Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston

3:30 PM **Structured OCT Guidance for Left Main Bifurcation Stenting**
Lecturers: Niels R. Holm

3:40 PM **Case 1: OCT in Simple Left Main Bifurcation Stenting**
Case Presenter: Indulis Kumsars

3:50 PM **Case 2: OCT Guided Provisional Left Main Stenting Should I Stent This Circumflex**
Case Presenter: Johan R Bennett

4:00 PM - 4:30 PM

Session II. OCT Findings During Complex Left Main Bifurcation Stenting

Moderators: Andrejs Erglis, Niels R. Holm

Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston

INTERNATIONAL SESSION: CARDIAC INTERVENTIONS IN THE SETTING OF ACUTE MYOCARDIAL INFARCTION, ORGANIZED BY THE SPANISH WORKING GROUP ON INTERVENTIONAL CARDIOLOGY, TURKISH WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, DUTCH WORKING GROUP INTERVENTIONAL CARDIOLOGY, AND THE CARDIAC SOCIETY OF AUSTRALIA AND NEW ZEALAND

SUNDAY, SEPTEMBER 23, 2018

3:30 PM - 5:00 PM

Room 24C, Upper Level

3:30 PM - 5:00 PM

Cardiac Interventions in the Setting of Acute Myocardial Infarction

Moderators: David W.M. Muller, Armando Perez de Prado, Niels van Royen

Discussants: Nezih Baris, Rik Hermanides, Raul Moreno, Mark W.I. Webster

4:00 PM **OCT in the Left Main Coronary Artery Practical Tips and Tricks**

Lecturers: Francesco Burzotta

4:10 PM **Case 3: OCT as Cosupervisor for the Young Interventionalist Undertaking Left Main Bifurcation Stenting**

Case Presenter: Karlis Grikis

4:20 PM **Case 4: OCT Guided Bifurcation PCI in Unstable Angina**

Case Presenter: Felix Bohm

4:30 PM - 5:00 PM

Session III. OCT-Guided Two-Stent Treatment in Left Main Bifurcation Lesions

Moderators: Andrejs Erglis, Niels R. Holm

Discussants: Pavel Cervinka, James Cockburn, Olli A. Kajander, John A. Ormiston

4:30 PM **OCT Guided DK Crush: Practical Aspects**

Lecturers: Lene N Andreassen

4:37 PM **OCT Guided Plaque Preparation for Calcified Distal Left Main Lesions**

Lecturers: Lene N Andreassen

4:47 PM **Case 5: Diffuse Disease in Distal Branches Stent Length by Angiography or OCT**

Case Presenter: Stuart Watkins

4:57 PM **Summary and Take Home Messages**

Lecturers: Niels R. Holm

INTERNATIONAL SESSION: TCT INTERNATIONAL FELLOWS SESSION

SUNDAY, SEPTEMBER 23, 2018

4:30 PM - 6:05 PM

Room 33B-C, Upper Level

4:30 PM - 5:03 PM

Session I. Top Three International Fellows Cases

Moderators: Ori Ben-Yehuda, Mohamed Ahmed Sobhy

Discussants: Mirvat Alasnag, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Afzalur Rahman, Wojtek Wojakowski, Pedro de Araujo Goncalves

4:30 PM **Introduction of Top 3 Selected winners**

Lecturers: Ori Ben-Yehuda

4:35 PM **First Place Winner Case Title: Coronary Compression Exclusion With Intravascular Ultrasound During Percutaneous Pulmonary Valve Implantation Subsequently Complicated By Homograft Rupture**

Case Presenter: Karol Zbronski

4:42 PM **Second Place Winner Case Title: Utility Of The Hybrid Approach Treating Highly Symptomatic Patient With Multiple Failed Prior Bypass Surgeries And Interventions**

Case Presenter: Peter Tajti

4:49 PM **Third Place Winner Case Title: The Point Of No Turning Back**

Case Presenter: Hesham Bahaeldin

4:56 PM **Roundtable Discussion with Audience QA**

Moderators: Ori Ben-Yehuda

5:03 PM - 5:45 PM

Session II. Fellows Got Talent Case Competition!

Moderators: Wojtek Wojakowski

Discussants: Mirvat Alasnag, Ori Ben-Yehuda, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Mohamed Ahmed Sobhy, Pedro de Araujo Goncalves

5:03 PM **Case 1 A: Left Main Stem LMS Percutaneous Coronary Intervention PCI With High Speed Rotational Atherectomy HSRA Prior To Transcatheter Aortic Valve Replacement TAVR**

Case Presenter: Novalia Sidik

5:10 PM **Case 2 B: A Calcified Lad Coronary Perforation**

Case Presenter: Mesfer Alfadhel

5:17 PM **Case 3 C: Liver Or Let Die**

Case Presenter: Michael Michail

5:24 PM **Case 4 D: Treatment Of Calcific Coronary Arteries In The Setting Of Acute Coronary Syndrome In An Elderly Frail Person With Poor Peripheral Arterial Access**

Case Presenter: Muhammad Zia-Ul-Haq Lecturers: Baskar Sekar

5:31 PM **Voting Commences Winner Announced TCT Poll App Please vote on the case you found most challenging. Options: A B C or D**

Poll Moderators: Wojtek Wojakowski

5:38 PM **Roundtable Discussion with Audience QA**

Moderators: Wojtek Wojakowski

5:45 PM - 6:05 PM

Session III. My Most Challenging Case - Fellows Committee

Moderators: Mirvat Alasnag, Rabin dra Nath Chakraborty

Discussants: Ori Ben-Yehuda, Carlos Cabrera Arroyo, Afzalur Rahman, Mohamed Ahmed Sobhy, Wojtek Wojakowski, Pedro de Araujo Goncalves

5:45 PM **TAVI Valve In Valve Patient With Previous Mitroflw With Bailout Stenting Of The RCA**

Case Presenter: Pedro de Araujo Goncalves

5:52 PM **Management Of Acute Carotid Stent Thrombosis**

Case Presenter: Carlos Cabrera Arroyo

5:59 PM **Roundtable Discussion with Audience QA**

Moderators: Afzalur Rahman

POSTER ABSTRACT SESSIONS

MODERATED POSTER SESSION: ASSESSMENT AND IMPACT OF AORTIC REGURGITATION

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: MOC, CME

8:30 AM - 9:30 AM

Assessment and Impact of Aortic Regurgitation

Moderators: Philipp Blanke, Randolph P. Martin

Discussants: Jiri Maly, Konstantinos Spargias

- 8:30 AM **TCT 443: Quantitative Assessment of Aortic Regurgitation in 7 Different Types of Aortic Valves After Transcatheter Aortic Valve Implantation: A Multicenter Analysis by an Independent Core Lab not Sponsored by the Industry**
Lecturers: Patrick W. Serruys
- 8:37 AM **Discussion**
- 8:42 AM **TCT 444: Comparison of Transthoracic Echocardiogram With Quantitative Assessment of Aortic Regurgitation After TAVI With Videodensitometry in a Large Real World Population: Sub Analysis of the RESPOND Registry**
Lecturers: Rodrigo Modolo
- 8:49 AM **Discussion**
- 8:54 AM **TCT 445: Feasibility of Analysis of A Novel Quantitative Method to Assess Aortic Regurgitation After TAVI: Preliminary Results of the ASSESS REGURGE Protocol Quantitative ASSESSment of Aortic Regurgitation Using Videodensitometry in a Multicenter Study**
Lecturers: Mohamed Abdel-Wahab
- 9:01 AM **Discussion**
- 9:06 AM **TCT 446: Feasibility Study of a Single Synchronized Diastolic Injection With Low Contrast Volume for Aortography in a Progressive Aortic Regurgitation Porcine Model**
Lecturers: Rodrigo Modolo
- 9:13 AM **Discussion**
- 9:18 AM **TCT 447: Severity Assessment of Transcatheter Aortic Valve Paravalvular Regurgitation Based on the Leakage Momentum Flux**
Lecturers: Mohammad Barakat
- 9:25 AM **Discussion**

MODERATED POSTER SESSION: BEST OF MODERATED TAVR POSTER ABSTRACTS II

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME, MOC

8:30 AM - 9:18 AM

Best of Moderated TAVR Poster Abstracts II

Moderators: Stephen R. Ramee, David A. Wood

Discussants: Rodrigo Bagur, Robert J. Gil, Jean-Michel Paradis, Eric Van Belle

- 8:30 AM **TCT 433: The Impact of Multislice Computed Tomography Based Aortic Valve Annular Dimensions on Hemodynamic Performance of Self Expanding Transcatheter Valves Compared With Individual Surgical Valve Types**
Lecturers: G. Michael Deeb
- 8:37 AM **Discussion**

- 8:42 AM **TCT 434: Assessing National Estimates of 30 Readmission Rates and Associated Costs With Transcatheter and Surgical Aortic Valve Replacement in the United States**
Lecturers: Kimberly Moore
- 8:49 AM **Discussion**
- 8:54 AM **TCT 435: The Outcomes of Bicuspid Aortic Valve Patients Undergoing Surgical vs Transcatheter Aortic Valve Replacement**
Lecturers: Mohamad Soud
- 9:01 AM **Discussion**
Lecturers: Mark Hensey
- 9:06 AM **TCT 436: Aldehydes Potential Drivers of Valve Leaflet Thrombosis Post Transcatheter Aortic Valve Replacement**
Lecturers: Mark Hensey
- 9:13 AM **Discussion**

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: TELEMEDICINE AND ROBOTICS

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: MOC, CME

8:30 AM - 9:30 AM

Cath Lab of the Future: Telemedicine and Robotics

Moderators: Giora Weisz

Discussants: Leszek Bryniarski, Raghu Cherukupalli, Sanjay Kumar Chugh, R. Stefan Kiesz, Kwan S Lee, Samin K. Sharma, Feng Xu

- 8:30 AM **TCT 438: Telemedicine Increases the Access to Primary Percutaneous Coronary Intervention Saving Costs and Lives in ST Elevation Myocardial Infarction STEMI Three Year Analysis of the Latin America Telemedicine Network LATIn Program in Sao Paulo East Z**
Lecturers: Sameer Mehta
- 8:37 AM **Discussion**
- 8:42 AM **TCT 439: Long Term Savings With Telemedicine STEMI Networks**
Lecturers: Sameer Mehta
- 8:49 AM **Discussion**
- 8:54 AM **TCT 440: Revascularization Outcomes Financial Impact and Mortality Reduction Effects of a Telemedicine Guided Strategy on Population Based AMI Management**
Lecturers: Sameer Mehta
- 9:01 AM **Discussion**
- 9:06 AM **TCT 441: SOCIME LATIn: Partners for Comprehensive Nationwide AMI Care in Mexico**
Lecturers: Sameer Mehta
- 9:13 AM **Discussion**
- 9:18 AM **TCT 442: Robotic Peripheral Vascular Intervention With Drug Coated Balloons Is Feasible and Reduces Operator Radiation Exposure Results of the Robotic Assisted Peripheral Intervention for Peripheral Artery Disease RAPID Study II**

9:25 AM Discussion

MODERATED POSTER SESSION: HEMODYNAMIC SUPPORT AND HIGH-RISK PCI

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

Hemodynamic Support and High-Risk PCI

Moderators: Marvin J. Slepian, Christian M. Spaulding

Discussants: Carlo Briguori, Ian C. Gilchrist, Michael A. Kutcher

- 8:30 AM **TCT 448: Impact of Clinical indication Risk Strata on Outcomes in Patients Supported With Impella Microaxial Heart Pumps**
Lecturers: Eisha Wali
- 8:37 AM Discussion
- 8:42 AM **TCT 449: Trends in Utilization and Hospital Variation in the Use of Mechanical Circulatory Support Devices in Patients Undergoing Percutaneous Coronary Intervention in Michigan: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium**
Lecturers: Thomas Earl
- 8:49 AM Discussion
- 8:54 AM **TCT 450: Coronary and Myocardial Haemodynamic Effects of Impella LV Unloading in Patients Undergoing High Risk Percutaneous Coronary Intervention**
Lecturers: Natalia Briceno
- 9:01 AM Discussion
- 9:06 AM **TCT 451: Incidence Correlates and Impact of Left Ventricular Ejection Fraction Improvement on Short and Long term Clinical Outcome of Patients Undergoing High Risk Percutaneous Coronary Intervention a Single Center Experience**
Lecturers: Serdar Farhan
- 9:13 AM Discussion
- 9:18 AM **TCT 452: Hemodynamics and Its Predictors During Impella Protected PCI in High Risk Patients With Reduced Ejection Fraction**
Lecturers: Giulio Russo
- 9:25 AM Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES II

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: MOC, CME

8:30 AM - 9:30 AM

Intracoronary Physiology Studies II

Moderators: Amir Lerman, Nick E. J. West

Discussants: Miodrag C. Ostojic, Seung-Jung Park, Expedito Eustáquio Ribeiro, Shengxian Tu

- 8:30 AM **TCT 463: Instability of Coronary Flow Velocity and Basal Microvascular Resistance Does Not Affect Reproducibility of IFR Post PCI**
Lecturers: Muhammad Aetesam-Ur-Rahman
- 8:37 AM Discussion
- 8:42 AM **TCT 464: Diagnostic Classification of the Coronary Flow Velocity Reserve and Hyperemic Stenosis Resistance Index Using Contrast Media**
Lecturers: Masafumi Nakayama
- 8:49 AM Discussion
- 8:54 AM **TCT 465: Diagnostic Accuracy of Microcatheter Derived Fractional Flow Reserve Systematic Review With Lesion Level Analysis**
Lecturers: Ozan Demir
- 9:01 AM Discussion
- 9:06 AM **TCT 466: Clinical Utility of a Novel Mathematical Solution for Assessment of Individual Lesion Contribution in Serial Coronary Artery Disease**
Lecturers: Bhavik Modi
- 9:13 AM Discussion
- 9:18 AM **TCT 467: Adenosine Free Indexes vs FFR for Functional Evaluation A Systematic Meta Analysis**
Lecturers: Antonio Maria Leone
- 9:25 AM Discussion

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS II

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

Management of In-stent Restenosis II

Moderators: Ramon Quesada, Carl L. Tommaso

Discussants: Daniele Giacoppo, Joo Myung Lee, Yasunori Ueda, Bo Xu

- 8:30 AM **TCT 458: Additional Diagnostic Value of CT Perfusion Over Coronary CT Angiography in Stented Patients With Suspected In Stent Restenosis or Coronary Artery Disease Progression ADVANTAGE Study Preliminary Results**
Lecturers: Daniele Andreini
- 8:37 AM Discussion

8:42 AM **TCT 459: Drug Eluting Balloons vs New Generation Drug Eluting Stents for the Management of In Stent Restenosis An Updated Meta Analysis of Randomized Studies**

Lecturers: Lei Gao

8:49 AM **Discussion**

8:54 AM **TCT 460: Prognostic Value of Irregular Protrusion and Subsequent Neoatherosclerosis After Second Generation Drug Eluting Stent Implantation Optical Coherence Tomography Study**

Lecturers: Kounosuke Inoue

9:01 AM **Discussion**

9:06 AM **TCT 461: Association Between In Stent Neoatherosclerosis and Restenosis in Patients With Acute Myocardial Infarction at 5 Years Follow Up Assessed By Optical Coherence tomography**

Lecturers: Masaru Kuroda

9:13 AM **Discussion**

9:18 AM **TCT 462: Drug Eluting Stent Therapy for Recurrent In Stent Restenosis Following Failed Vascular BrachyTherapy**

Lecturers: Evan Shlofmitz

9:25 AM **Discussion**

9:06 AM **TCT 471: BIOVITESSE Multicenter Prospective First in Man Study of a New Polymer Free Drug Coated Stent With Ultrathin Struts: One Month Optical Coherence Tomography Results of Cohort 1**

Lecturers: Lorenz Raber

9:13 AM **Discussion**

9:18 AM **TCT 472: ACS vs Non ACS A Predefined Sub Study Analysis of e Cobra**

Lecturers: Luc Maillard

9:25 AM **Discussion**

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES II

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30AM - 9:30 AM

TAVR Risk Stratification and Outcomes II

Moderators: Ganesh Manoharan, Tamim Nazif

Discussants: Stefan C. Bertog, Bruce Bowers, Jaffar M Khan, Markus Florian Krackhardt, Richard Smalling

8:30 AM **TCT 453: Appropriateness of Transcatheter Aortic Valve Replacement Insight From the Ocean TAVI Registry**

Lecturers: Taku Inohara

8:37 AM **Discussion**

8:42 AM **TCT 454: Myocardial Fibrosis Imaging By Speckle Tracking Echocardiography Improves Risk Stratification in Severe Aortic Stenosis After Transcatheter Aortic Valve Replacement**

Lecturers: Ahmad Manshad

8:49 AM **Discussion**

8:54 AM **TCT 455: Transfemoral TAVI in Patients With Unfavorable Conditions for TAVI Following the European Guidelines of Valvular Heart Disease**

Lecturers: Leire Unzu

9:01 AM **Discussion**

9:06 AM **TCT 456: Association of Immediate Improvement in Renal Function After Transcatheter Aortic Valve Replacement and Post Operative Outcomes in Patients With Renal Dysfunction**

Lecturers: Alexis Okoh

9:13 AM **Discussion**

9:18 AM **TCT 457: Short and Long Term Changes in Left Ventricular Mass and Geometry Post TAVR**

Lecturers: Mohammad Thawabi

9:25 AM **Discussion**

MODERATED POSTER SESSION: BEST OF MODERATED ENDOVASCULAR INTERVENTION AND STRUCTURAL HEART DISEASE

MODERATED POSTER SESSION: NEWER DES I

SUNDAY, SEPTEMBER 23, 2018

8:30 AM - 9:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: MOC, CME

8:30AM - 9:30 AM

Newer DES I

Moderators: Andreas Baumbach, Giulio Stefanini

Discussants: Francesco Prati, Peng Qu, Bjorn Redfors

8:30 AM **TCT 468: Sequential Techniques of Provisional Stenting in Coronary Bifurcation With the Xposition S Self Apposing Nitinol Stent A Comparative Bench Study**

Lecturers: Francois Derimay

8:37 AM **Discussion**

8:42 AM **TCT 469: One Year Clinical Outcome of Biodegradable Polymer Sirolimus Eluting Stent in Patients With Acute Coronary Syndrome Insight From the ULISSE Registry**

Lecturers: Mauro Chiarito

8:49 AM **Discussion**

8:54 AM **TCT 470: Worldwide Everyday Practice Registry Assessing the Xposition S Self Apposing Stent in Challenging Lesions With Vessel Diameter Variance SIZING Registry**

Lecturers: Marcus Siry

9:01 AM **Discussion**

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: MOC,CME

9:30 AM - 10:18 AM

Best of Moderated Endovascular Intervention and Structural Heart Disease

Moderators: Tyrone J. Collins, Roger J. Laham

Discussants: Saurabh Sanon, Hendrik Treede, Apostolos Tzikas

9:30 AM **TCT 483: PARADIGM EXTEND** Prospective Academic Trial of Cguard MicroNet Covered Self Expandable Stent System in All Corner Symptomatic and Increased Stroke Risk Asymptomatic Carotid Stenosis Cumulative 3 Year Clinical and Duplex Ultrasound Evidence for S

Lecturers: Piotr Musialek

9:37 AM **Discussion**

9:42 AM **TCT 484: Electrosurgical Laceration of Alfieri Stitch ELASTIC to Facilitate Transcatheter Mitral Valve Replacement First in Human Report**

Lecturers: Jaffar M Khan

9:49 AM **Discussion**

9:54 AM **TCT 486: Patent foramen Ovale Closure vs Medical Therapy for Cryptogenic Stroke An Updated Systematic Review and Meta Analysis**

Lecturers: Sunny Goel

10:01 AM **Discussion**

10:06 AM **TCT 487: Analysis of Outcomes of Drug Coating Balloon Use for of Symptomatic Femoropopliteal Arterial Disease Treatment**

Lecturers: Daniel Garcia

10:13 AM **Discussion**

Lecturers: Abhishek Dutta

9:37 AM **Discussion**

9:42 AM **TCT 489: Use of a Percutaneous Left Ventricular Assist Device for Patients With Cardiogenic Shock**

Lecturers: Waqas Malick

9:49 AM **Discussion**

9:54 AM **TCT 490: Right Atrial Pressure Predicts Mortality in Cardiogenic Shock Insights From the Cardiogenic Shock Working Group Registry**

Lecturers: Kevin Morine

10:01 AM **Discussion**

10:06 AM **TCT 491: Post Impella Implant Mortality Determinants and Associated Lactate Levels in Cardiogenic Shock Patients A Single Center Experience**

Lecturers: Yong Ji

10:13 AM **Discussion**

10:18 AM **TCT 492: Multimodality Management of Cardiogenic Shock in the United States Insights From the Cardiogenic Shock Working Group Registry**

Lecturers: Kevin Morine

10:25 AM **Discussion**

MODERATED POSTER SESSION: INTRAVASCULAR IMAGING AND INCOMPLETE STENT APPPOSITION

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

Intravascular Imaging and Incomplete Stent Apposition

Moderators: Martin W. Bergmann, Robert-Jan van Geuns

Discussants: Daniel H. Berrocal, Adriano Caixeta, Jie Zhao

9:30 AM **TCT 503: Cut off Value of Strut Vessel Distance on Resolution of Acute incomplete Stent Apposition At One Month Using Serial Optical Coherence tomography After Cobalt Chromium Everolimus Eluting Stent Implantation in Patients With Stable Coronary Artery**

Lecturers: Hideto Oda

9:37 AM **Discussion**

9:42 AM **TCT 504: incidence and Natural Course of incomplete Stent Apposition in Heavily Calcified Lesions Requiring Rotational Atherectomy Prior to Stenting: An Optical Coherence tomography Study**

Lecturers: Atsushi Kyodo

9:49 AM **Discussion**

9:54 AM **TCT 505: Temporal Changes of Stent Apposition Immediately After Stent Deployment Using Optical Coherence tomography**

MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST II

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

Cardiogenic Shock and Ventricular Assist II

Moderators: Massimo Napodano, Tanveer Rab

Discussants: Thomas D. Stuckey, Li-Wah Tam, Kengo Tanabe, Nir Uriel, Marco V. Wainstein

9:30 AM **TCT 488: Risk of Mortality Associated With Use of Mechanical Support Devices Among Comatose Cardiac Arrest Patients**

Lecturers: Hyuck Jun Yoon

10:01 AM Discussion

10:06 AM **TCT 506: Cut off Value of Malapposition Volume on Resolution of Acute incomplete Stent Apposition At One Month Using Serial Optical Coherence tomography After Cobalt Chromium Everolimus Eluting Stent Implantation in Patients With Stable Coronary Artery D**

Lecturers: Yohei Uchimura

10:13 AM Discussion

10:18 AM **TCT 507: Increase of Coronary Lumen Area With Improved Stent Apposition After Self Expandable Stenting in Total Occlusions: Results of the SPACIOUS Pilot Study**

Lecturers: Selina Vlieger

10:25 AM Discussion

Lecturers: Alfonso Ielasi

10:25 AM Discussion

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI II

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI II

Moderators: Tayo A. Addo, Christian W. Hamm

Discussants: M Chadi Alraies, Usman Baber, Otavio Berwanger, Pawel E.

Buszman, Jun-Jack Cheng

9:30 AM **TCT 498: Tissue Protrusion After Coronary Stenting is Associated With Poor Clinical Outcomes in Patients With ST Segment Elevation Myocardial Infarction**

Lecturers: Yoshiyuki Okuya

9:37 AM Discussion

9:42 AM **TCT 499: Prognostic Implications of Pre Procedural TIMI Flow in Patients With STEMI Undergoing PCI With Drug Eluting Stent Implantation**

Lecturers: Rafal Wolny

9:49 AM Discussion

9:54 AM **TCT 500: Prognostic Implications of Reduced Pre Procedural TIMI Flow in Patients With NonST Segment Elevation Acute Coronary Syndromes Undergoing PCI**

Lecturers: Rafal Wolny

10:01 AM Discussion

10:06 AM **TCT 501: Profilin 1 Concentration Is A Marker of Symptom Duration in Myocardial Infarction**

Lecturers: Elzbieta Paszek

10:13 AM Discussion

10:18 AM **TCT 502: Are Pharmaco invasive Therapy Results After 6 Hours of Symptoms Onset Adequate How Do they Compare With Those Treated With Less Than 6 Hours**

Lecturers: Guilherme Cintra

10:25 AM Discussion

MODERATED POSTER SESSION: NEWER DES II

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Newer DES II

Moderators: Petr Kala, Daniel I. Simon

Discussants: Nicolas Foin, Philippe Garot, Ioannis Iakovou

9:30 AM **TCT 508: Tracking Tissue Distribution and Retention of Sirolimus and Analog Delivered From Polymer Free Drug Coated Stents**

Lecturers: Abraham Tzafri

9:37 AM Discussion

9:42 AM **TCT 509: Eighteen Month Results of High Risk Patients Treated With Ultrathin Strut Biodegradable Polymer Orsiro DES the Bioflow III Satellite Italy Subgroups Analysis**

Lecturers: Stefano Galli

9:49 AM Discussion

9:54 AM **TCT 510: Dutch Multicenter Experience Using the STENTYS Xposition S Self Expanding Stent in Complex Coronary Lesions**

Lecturers: Selina Vlieger

10:01 AM Discussion

10:06 AM **TCT 511: Two Year Clinical Results With the Angiolite Drug Eluting Stent: The ANCHOR Study**

Lecturers: Rishi Puri

10:13 AM Discussion

10:18 AM **TCT 512: A Polymer Free Biolimus Coated Stent for the Management of Real World Patients With Coronary Artery Disease**

MODERATED POSTER SESSION: SELECTED EARLY INNOVATIVE TECHNIQUES

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: MOC,CME

9:30 AM - 10:30 AM

Selected Early Innovative Techniques

Moderators: Louis A. Cannon, Peter J. Fitzgerald

Discussants: Mark C. Bates, Steven J. Yakubov

9:30 AM **TCT 478: In Vivo Performance of A Novel Permanently Implanted Left Atrial Pressure Monitoring System**

Lecturers: Leor Perl

9:37 AM **Discussion**

9:42 AM **TCT 479: Novel Approach for Left Atrial Appendage Occlusion A Feasibility Study of Catheter Delivered Expandable Foam**

Lecturers: Gilberto Melnick

9:49 AM **Discussion**

9:54 AM **TCT 480: Cellular Resolution Intravascular Optical Coherence Tomography for Human Coronary Artery Imaging**

Lecturers: Biwei Yin

10:01 AM **Discussion**

10:06 AM **TCT 481: Diastolic Function in Patients Undergoing Coronary Sinus Reducer Implantation A Single Center Experience**

Lecturers: Yishay Szekely

10:13 AM **Discussion**

10:18 AM **TCT 482: Trabecular Cutting A Novel Surgical Therapy for Heart Failure With Preserved Ejection Fraction**

Lecturers: Meagan Oglesby

10:25 AM **Discussion**

MODERATED POSTER SESSION: TAVR AND CONDUCTION AND RHYTHM DISTURBANCES

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME, MOC

9:30 AM - 10:30 AM

TAVR and Conduction and Rhythm Disturbances

Moderators: Michael Mooney, Alexandre C. Zago

Discussants: James Cockburn, Anibal A. Damonte, Nimesh Desai, Chandan

Devireddy, Manuel Pan

9:30 AM **TCT 473: Left Bundle Branch Block After TAVI With Edwards Sapien 3 System Influence of the Valve Depth**

Lecturers: Leire Unzué

9:37 AM **Discussion**

9:42 AM **TCT 475: Pacemaker Dependency at 2 month Follow up After Permanent Pacemaker Implantation Caused by Transcatheter Aortic Valve Implantation induced Conduction Disturbances**

Lecturers: Martin van Mourik

9:49 AM **Discussion**

9:54 AM **TCT 476: New Onset Atrial Fibrillation in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement Risk Factors and Outcome**

Lecturers: Felix Woitek

10:01 AM **Discussion**

10:06 AM **TCT 477: Prevalence and Clinical Impact of Baseline QRS Duration in Patients With Severe Aortic Stenosis Two Years After Aortic Valve Replacement in the PARTNER II Trial**

Lecturers: Leon Gustavo Macedo

10:13 AM **Discussion**

MODERATED POSTER SESSION: TAVR TECHNIQUES AND OUTCOMES II

SUNDAY, SEPTEMBER 23, 2018

9:30 AM - 10:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

9:30 AM - 10:30 AM

TAVR Techniques and Outcomes II

Moderators: Reginald I. Low, Michael J. Mullen

Discussants: Joseph P. Carrozza Jr, Antoine Lafont, Simon Cheung-chi Lam, John M. Lasala

9:30 AM **TCT 493: Long Term Patient Satisfaction After TAVR Should Treating Physicians Be Less Worried About Symptoms as Outcome Measure**

Lecturers: Jeroen Vendrik

9:37 AM **Discussion**

9:42 AM **TCT 494: Influence of High Device Positioning on Outcomes After Transcatheter Aortic Valve Replacement With Contemporary Self Expanding Valves**

Lecturers: Zhen-Gang Zhao

9:49 AM **Discussion**

9:54 AM **TCT 495: Comparison of a Novel Direct 3D With Traditional Planimetric Based Methods for Determination of Optimal Angiographic View for TAVR Procedures**

Lecturers: Nils Petri

10:01 AM **Discussion**

10:06 AM **TCT 496: Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 The VARC 2 Composite Endpoints at One Year**

Lecturers: Oliver Husser

10:13 AM **Discussion**

10:18 AM **TCT 184: 30 Day Outcomes Following Transcatheter Aortic Valve Replacement with the Evolut PRO Valve in Commercial Use: Report from the STSACC TVT Registry**

10:25 AM Discussion

MODERATED POSTER SESSION: CATHETER-BASED TREATMENT OF PERIPHERAL VASCULAR DISEASE III

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: MOC,CME

10:30AM - 11:30 AM

Catheter-based Treatment of Peripheral Vascular Disease III

Moderators: Jeffrey G. Carr, Robert D. Safjan

Discussants: Julie Logan, Mahmood K. Razavi, Mehdi H. Shishehbor

10:30 AM **TCT 523: RVOTaO Ratio on Computed Tomography Better Predicts RV Dysfunction and Invasive Hemodynamic Abnormalities as Compared to RVLV Ratio in Patients With Pulmonary Embolism**
Lecturers: Alexandru Marginean

10:37 AM Discussion

10:42 AM **TCT 524: Results of Self Expanding Nitinol Stents Post Dilated With Drug Coated Balloon in Treatment of Femoropoplital Disease**
Lecturers: Adil Wani

10:49 AM Discussion

10:54 AM **TCT 525: First Report of the 12 Month Outcomes of SELUTION Trial: A Novel Sirolimus Coated DCB Technology Evaluated in SFA**
Lecturers: Klaus Brechtel

11:01 AM Discussion

11:06 AM **TCT 526: Long Term Biocompatibility of A Novel Bioresorbable Scaffold for Peripheral Arteries: A Preliminary Study in Yucatan Miniswine**
Lecturers: Marco Ferrone

11:13 AM Discussion

MODERATED POSTER SESSION: CTO FOLLOW-UP WITH MEDICAL THERAPY

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:06 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:06 AM

CTO follow-up with Medical Therapy

Moderators: Stefan Harb, Jennifer A. Tremmel

Discussants: Ravi S. Hira, Jaikirshan Khatri, Iosif Xenogiannis, Masatoki Yoshida

10:30 AM **TCT 168: Development of a Human Like Coronary Chronic Total Occlusion Model Using Human Atherosclerotic Tissue**

Lecturers: Gilberto Melnick

10:37 AM Discussion

10:42 AM **TCT 530: Long Term Clinical Outcomes in Patients With Coronary Chronic Total Occlusion Undergoing Optimal Medical Therapy**

Lecturers: Euihong Ko

10:49 AM Discussion

10:54 AM **TCT 531: Percutaneous Coronary Intervention vs Optimal Medical Treatment for Chronic Total Occlusion: A Meta Analysis**

Lecturers: Muhammad Khalid

11:01 AM Discussion

MODERATED POSTER SESSION: INTRACORONARY PHYSIOLOGY STUDIES III

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:30 AM

Intracoronary Physiology Studies III

Moderators: Allen Jeremias, Tim P. Van de Hoef

Discussants: Rasha Al-Lamee, Roberto Diletti, Vincent J. Pompili, Afzalur Rahman, Gerald S. Werner, Alan C. Yeung

10:30 AM **TCT 542: Comparison of Sodium Nitroprusside and Adenosine for Fractional Flow Reserve Assessment: A Systematic Review and Meta Analysis**

Lecturers: Raul Solerno

10:37 AM Discussion

10:42 AM **TCT 543: Residual Ischemia is Frequent in the Vessel Undergoing Percutaneous Coronary Intervention: Results of A Prospective Registry**

Lecturers: Barry Uretsky

10:49 AM Discussion

10:54 AM **TCT 544: A Novel Physiological Assessment of Myocardial Mass Volume**

Lecturers: Tadashi Murai

11:01 AM Discussion

11:06 AM **TCT 545: Defining Coronary Responders of intra Aortic Balloon Pump Counterpulsation**

Lecturers: Natalie Briceno

11:13 AM Discussion

11:18 AM **TCT 546: Microvascular Dysfunction After Immediate vs Deferred Stenting in Patients With Acute Myocardial Infarction**

Lecturers: Hyunjong Lee

11:25 AM Discussion

MODERATED POSTER SESSION: MISCELLANEOUS TAVR COMPLICATIONS II

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:30 AM

Miscellaneous TAVR Complications II

Moderators: Mauricio G. Cohen, Pieter R. Stella

Discussants: Robert J. Applegate, Larry S. Dean, David W.M. Muller, Ramon Quesada

10:30 AM **TCT 532: Reduced Left Ventricular Ejection Fraction After Transcatheter Aortic Valve Replacement**
Lecturers: Paige Craig

10:37 AM **Discussion**

10:42 AM **TCT 533: Predictors of High Hospital Cost After Transcatheter Aortic Valve Replacement in the United States: Analysis of Nationwide inpatient Sample Database**
Lecturers: Tomo Ando

10:49 AM **Discussion**

10:54 AM **TCT 534: Clinical Impacts of Periprocedural Myocardial Injury After Transcatheter Aortic Valve Replacement**
Lecturers: Hanbit Park

11:01 AM **Discussion**

11:06 AM **TCT 535: Left Ventricular Diastolic Function and Cardiovascular Mortality After Transcatheter Aortic Valve Replacement**
Lecturers: Sang Yong Om

11:13 AM **Discussion**

11:18 AM **TCT 536: Impact of Aortic Valve Gradient and Left Ventricular Ejection Fraction Upon Outcomes Following Transcatheter Aortic Valve Implantation**
Lecturers: John Schindler

11:25 AM **Discussion**

10:30 AM **TCT 547: initial Experience With Ultrathin Strut Biodegradable Polymer Coated Everolimus Eluting Coronary Stent in Coronary Artery Disease Patients**

Lecturers: K. Sivaprasad

10:37 AM **Discussion**

10:42 AM **TCT 548: Predictors of Clinical Outcomes After Polymer Free Amphilimus and Biolimus Eluting Stents: The FREE FUTURE Study**
Lecturers: Mauro Chiarito

10:49 AM **Discussion**

10:54 AM **TCT 549: Long Term Clinical Outcomes After Implantation of Novel Abluminal Coated Sirolimus Eluting Stent in Real World Unselected Population: Update From en ABI E Registry**
Lecturers: Luca Testa

11:01 AM **Discussion**

11:06 AM **TCT 550: Safety and Efficacy of Ultra Thin Biodegradable Polymer Coated Everolimus Eluting Stent in Real World Patients With Coronary Artery Disease One Year Outcomes of Indian Multi Centric Study**
Lecturers: Manjinder Sandhu

11:13 AM **Discussion**

11:18 AM **TCT 551: Extremely Early Optical Coherence tomography Comparative Study Among Drug Eluting Stents With Persistent absorbable Or Without Polymer HORSEPOWER Study**
Lecturers: Beatriz Vaquerizo

11:25 AM **Discussion**

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS II

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:30 AM

PCI in High Bleeding Risk (HBR) Patients II

Moderators: Michel R. Le May, Michelle O'Donoghue

Discussants: Teresa L. Carman, Kurt Huber, Piotr Jankowski, Giulio Stefanini, Clemens von Birgelen

10:30 AM **TCT 537: Impact of Concomitant Anticoagulant Drug on Long Term Thrombotic and Bleeding Event and After Everolimus Eluting Stent Implantation**
Lecturers: Katsuya Miura

10:37 AM **Discussion**

10:42 AM **TCT 538: Bleeding Outcomes in Patients Undergoing Combined TAVR/PCI: Time for An Adjustment to the CathPCI Bleeding Model**
Lecturers: Aakriti Gupta

10:49 AM **Discussion**

MODERATED POSTER SESSION: NEWER DES III

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:30 AM

Newer DES III

Moderators: Kenneth Chin

Discussants: Hyeon-Cheol Gwon, João A Silveira, S C Wong, Masahisa Yamane

- 10:54 AM **TCT 539: Clinical Outcomes in High Bleeding Risk Patients Undergoing Complex PCI With the Xience Everolimus Eluting Stent: A Patient Level Pooled Analysis From Four Xience Post Approval Trials**
Lecturers: Birgit Vogel
- 11:01 AM **Discussion**
- 11:06 AM **TCT 540: Incidence Predictors and Impact of Post Discharge Gastrointestinal Bleeding After Coronary Drug Eluting Stents Implantation: The ADAPT DES Study**
Lecturers: Gennaro Giustino
- 11:13 AM **Discussion**
- 11:18 AM **TCT 541: The Validity of PRECISE DAPT Score for the Predicting Bleeding Complication in Patients Treated With Dual Antiplatelet Therapy**
Lecturers: Moo Hyun Kim
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: PCI IN PATIENTS WITH PREVIOUS CABG

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: MOC,CME

10:30AM - 11:30 AM

PCI in Patients With Previous CABG

Moderators: J. Dawn Abbott, John S. Douglas Jr

Discussants: Tak W. Kwan, Faisal Latif, Partha Sardar

- 10:30 AM **TCT 518: Drug Eluting Stents vs Bare Metal Stents in Saphenous Vein Graft Interventions: Meta Analysis of Randomized Controlled Trials**
Lecturers: Jai Parekh
- 10:37 AM **Discussion**
- 10:42 AM **TCT 519: A Comprehensive Meta Analysis of Randomized Controlled Trials Comparing Drug Eluting Stents With Bare Metal Stents in Saphenous Vein Graft Interventions**
Lecturers: Kirstin Hesterberg
- 10:49 AM **Discussion**
- 10:54 AM **TCT 520: Long Term Outcomes of Saphenous Vein Graft Percutaneous Coronary Intervention**
Lecturers: Novalia Sidik
- 11:01 AM **Discussion**
- 11:06 AM **TCT 521: Long Term Cardiovascular Outcomes With Drug Eluting Stents vs Bare Metal Stents in Saphenous Vein Graft Interventions: Insights From An Updated Meta Analysis of Randomized Controlled Trials**
Lecturers: Amartya Kundu
- 11:13 AM **Discussion**

- 11:18 AM **TCT 522: Long Term Outcomes With Saphenous Vein Graft vs Native Coronary Artery Intervention in Patients With Coronary Artery Bypass Grafting: Evidence From Meta Analysis and Meta Regression**
Lecturers: Marwan Saad
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: TAVR VS TAVR AND TAVR VS SAVR I

SUNDAY, SEPTEMBER 23, 2018

10:30 AM - 11:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:30 AM

TAVR vs TAVR and TAVR vs SAVR I

Moderators: William F. Fearon, Wilson Y. Szeto

Discussants: Anita Asgar, Nirat Beohar, Amit N. Patel, Pinak B. Shah

- 10:30 AM **TCT 513: Transcatheter vs Surgical Aortic Valve Replacement in Low Risk Surgical Patients: A Meta Analysis of Randomized Clinical Trials**
Lecturers: Babikir Kheiri
- 10:37 AM **Discussion**
- 10:42 AM **TCT 514: Balloon Expandable Sapien 3 29mm vs Self Expandable Evolut R 34mm in TAVR Patients With A Large Annulus: Is there A Difference in Performance and Risk of Cerebral Embolization**
Lecturers: Christina Brinkmann
- 10:49 AM **Discussion**
- 10:54 AM **TCT 515: SAVR Vs TAVR in Patients With Previous Myocardial Infarction: A Nationwide Propensity Matched Analysis**
Lecturers: Bhruvish Shah
- 11:01 AM **Discussion**
- 11:06 AM **TCT 516: the Outcome of Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in Patients With Heart Failure With Reduced Ejection Fraction**
Lecturers: Yasser Al-Khadra
- 11:13 AM **Discussion**
- 11:18 AM **TCT 517: Outcome of Transcatheter Aortic Valve Replacement vs Surgical Aortic Valve Replacement in Patients With Peripheral Arterial Disease**
Lecturers: Amr Idris
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: ASD AND PFO CLOSURE II

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: MOC,CME

11:30AM - 12:18 PM

ASD and PFO Closure II

Moderators: Peter C. Block, Srihari S. Naidu

Discussants: Parag Barwad, Marek Grygier, Michael J. Mullen, Carmelo Panetta, Sanjeevan Pasupati

11:30 AM **TCT 552: Impact of Occluder Device on Longterm Outcome After Percutaneous Closure of Patent foramen Ovale in Patient With Cryptogenic Cerebral Ischemic Events**
Lecturers: Julia Seeger

11:37 AM **Discussion**

11:42 AM **TCT 553: Patent foramen Ovale Closure and Cryptogenic Stroke Time to Update Guidelines**
Lecturers: Mahesh Anantha Narayanan

11:49 AM **Discussion**

11:54 AM **TCT 554: Comparison of Transcatheter and Surgical Repair of Atrial Septal Defect: Analysis From Nationwide inpatient Sample**
Lecturers: Yashwant Agrawal

12:01 PM **Discussion**

12:06 PM **TCT 555: Feasibility and SafetyEfficacy Profile of the Percutaneous Patent foramen Closure: Noblestitch EI vs Other Devices**
Lecturers: Federico De Marco

12:13 PM **Discussion**

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE II

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Cath Lab of the Future: Strategies to Control Radiation Exposure II

Moderators: Andrew J. Einstein, Ryan D. Madder

Discussants: Stephen Balter, Lloyd W. Klein, Bo Xu

11:30 AM **TCT 556: Comparison of Radiation Exposure in PCI Between Radial and Femoral Approach Using Nanodot Dosimeters on Patients and Direct Readout Pocket Mini Dosimeter on Operators**
Lecturers: Arul Shanmugam

11:37 AM **Discussion**

11:42 AM **TCT 557: Impact of a Suspended Lead Suit on Physician Radiation Doses Across Patient BMI Categories During Coronary Angiography**
Lecturers: Lahdan Refahiyat

11:49 AM **Discussion**

11:54 AM **TCT 558: Efficacy of Disposable Lead Free Radiation Protection Drape Radpad During Diagnostic and Interventional Procedures**
Lecturers: Hung Ngo

12:01 PM **Discussion**

12:06 PM **TCT 559: Prevalence of Eye Lesions in Interventional Cardiology Staff in Mexico: Estudio iCataratas**
Lecturers: Jose Azpir-Lopez

12:13 PM **Discussion**

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) III

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: MOC,CME

11:30AM - 12:30 PM

Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) III

Moderators: Stephan Achenbach, Nils Johnson

Discussants: Takashi Kubo, James E. Udelson, Neal G. Uren, Zhao Wang

11:30 AM **TCT 578: Assessment of Lesion Specific Ischemia Using Fractional Flow Reserve FFR Profiles Derived From Coronary Computed tomography Angiography FFRCT and invasive Measurements FFRINV: Importance of the Site of Measurement and Implications for Patie**
Lecturers: Elvis Cami

11:37 AM **Discussion**

11:42 AM **TCT 579: Evaluationof the Diagnostic Performance of the Quantitative Flow Ratio QFR According to the Inter individual Variations in the Adenosine Response During Fractional Flow Reserve FFR Measurement**
Lecturers: Hernan Mejia-Renteria

11:49 AM **Discussion**

11:54 AM **TCT 580: Relationship Between Adverse Plaque Characteristics and Wall Shear Stress Assessed By Computational Fluid Dynamics**
Lecturers: You Jeong Ki

12:01 PM **Discussion**

12:06 PM **TCT 581: Diagnostic Value of Longitudinal Flow Gradient for the Presence of Hemodynamically Significant Coronary Artery Disease**
Lecturers: Michiel Bom

12:13 PM **Discussion**

12:18 PM **TCT 582: Network Meta Analysis of Diagnostic Test Accuracy Studies on Non invasive Imaging for Coronary Artery Disease: Evidence on 13 Isolated Or Hybrid Tests 661 Studies and 97173 Patients**

12:25 PM Discussion

MODERATED POSTER SESSION: MANAGEMENT OF IN-STENT RESTENOSIS III

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:18 PM

Management of In-Stent Restenosis III

Moderators: James B. Hermiller Jr, Richard Shlofmitz

Discussants: Tayo A. Addo, Mohamed Ali Elsalamony, Runlin Gao, Daniele Giacoppo, Jasvinder Singh

11:30 AM TCT 574: Circulating Angiostatin Predicting the Risk of Repeat Target Lesion Revascularization in CAD Patients Suffered in Stent Restenosis After Coronary Intervention

Lecturers: Zhangwei Chen

11:37 AM Discussion

11:42 AM TCT 575: Long Term Outcomes After Percutaneous Treatment of Second Generation Drug Eluting Stent Restenosis According to the Restenosis Pattern and Management

Lecturers: Marcelo Abud

11:49 AM Discussion

11:54 AM TCT 576: Long Term Outcome of Patients With Recurrent Drug Eluting Stent Restenosis

Lecturers: Goutham Ravipati

12:01 PM Discussion

12:06 PM TCT 577: Impact of Angiographic Patterns of in Stent Restenosis on 5 Years Clinical Outcomes in Patients Treated With Cobalt Chromium Everolimus Eluting Stent

Lecturers: Takashi Hiromasa

12:13 PM Discussion

11:30 AM TCT 583: Final 5 Year Results in Unselected Patients Implanted With a Thin Strut Platinum Chromium Everolimus Eluting Stent: The PROMUS Element Plus US Post Approval Study

Lecturers: David E. Kandzari

11:37 AM Discussion

11:42 AM TCT 584: Long Term Impact of Improving Drug Eluting Stent Technology in Patients Undergoing Multilesion Intervention: A Patient Level Analysis of 19 Randomized Trials

Lecturers: Paul Guedeney

11:49 AM Discussion

11:54 AM TCT 586: Long Term Performance of the Dual Therapy COMBO Stent: Results From the REMEDEE Registry

Lecturers: Laura Kerkmeijer

12:01 PM Discussion

12:06 PM TCT 585: First in Man Study of the New Dedicated Bifurcation BIOSS LIM C: 9 Month interim Results With OCT Analysis

Lecturers: Robert J. Gil

12:13 PM Discussion

MODERATED POSTER SESSION: NON-ELECTIVE TAVR OR BALLOON VALVULOPLASTY

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:18 PM

Non-elective TAVR or Balloon Valvuloplasty

Moderators: Igor F. Palacios, Christian Spies

Discussants: Simon Redwood, Francesco Saia, Molly Szerlip, Alan Zajarias

11:30 AM TCT 570: in Hospital Outcomes of Transcatheter Aortic Valve Replacement After Non Elective Admission in Comparison With Elective Admission

Lecturers: Tomo Ando

11:37 AM Discussion

11:42 AM TCT 571: Outcomes of Percutaneous Balloon Aortic Valvuloplasty for Severe Aortic Stenosis in Patients Presenting With Cardiogenic Shock

Lecturers: Ozan Demir

11:49 AM Discussion

11:54 AM TCT 572: Mechanical Circulatory Support Utilization in Transcatheter Aortic Valve Replacement in the United States

Lecturers: Ahmad Alkhalil

12:01 PM Discussion

12:06 PM TCT 573: inter Hospital Transfer of TAVR Patients Is Associated With Index Complications But Not Readmission Outcomes

MODERATED POSTER SESSION: NEWER DES IV

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Newer DES IV

Moderators: Sundeep Mishra, Manel Sabate

Discussants: Alexandre Abizaid, Salvatore Brugaletta, Joseph P. Carrozza Jr, Salvatore Cassese, Grzegorz L. Kaluza

12:13 PM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: TRADITIONAL VS NEWER ANTIPLATELET AGENTS I

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Pharmacology: Traditional vs Newer Antiplatelet Agents I

Moderators: Dimitrios Alexopoulos, Dominick J. Angiolillo

Discussants: Frederick Feit, Efrain Gaxiola, Sanjay Kaul

11:30 AM **TCT 565: A Comparison of Clopidogrel vs Newer P2Y12 Antagonists for Percutaneous Coronary Intervention in Patients With Out of Hospital Cardiac Arrest Managed With therapeutic Hypothermia: A Meta Analysis**

Lecturers: Ayman Elbadawi

11:37 AM Discussion

11:42 AM **TCT 566: Clinical Use of Cangrelor: Real World Data From the Swedish Coronary Angiography and Angioplasty Registry SCAAR**

Lecturers: Per Grimfjard

11:49 AM Discussion

11:54 AM **TCT 567: Cangrelor in Cardiogenic Shock: A Global Multicenter Matched Analysis With Oral P2Y12 Inhibition From the IABP SHOCK II Trial**

Lecturers: Michal Droppa

12:01 PM Discussion

12:06 PM **TCT 568: Real World Evaluation of Antiplatelet Switching Strategy for Coronary Interventions**

Lecturers: Nikolaos Kakouros

12:13 PM Discussion

12:18 PM **TCT 569: Lower Mortality After Clinically Significant Bleeding in Patients Treated With Reversible P2Y12 Agent Ticagrelor: A Comparative All Comers Prospective 2 Year Follow Up Study in Patients Treated With invasive Strategy After Acute Coronary Synd**

Lecturers: Girish Viswanathan

12:25 PM Discussion

MODERATED POSTER SESSION: RENAL DENERVATION

SUNDAY, SEPTEMBER 23, 2018

11:30 AM - 12:30 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Renal Denervation

Moderators: Herbert D. Aronow, Krishna J. Rocha-Singh

Discussants: Melvin D. Lobo, Farrell O. Mendelsohn, C. Venkata S. Ram, Paul A. Sobotka

11:30 AM **TCT 560: Sympathetic Renal Denervation After Acute Myocardial Infarction Results in Increased Myocardial Salvage in Pigs**

Lecturers: Luigi Emilio Pastormerlo

11:37 AM Discussion

11:42 AM **TCT 561: Splenic Artery Denervation: Rationale Feasibility and Early Pre Clinical Experience in A Porcine Model of Inflammatory Arthritis**

Lecturers: Mazen Albaghdadi

11:49 AM Discussion

11:54 AM **TCT 562: Chemical Renal Denervation With Alcohol the Post Market Study Data and the Target BP Program**

Lecturers: Felix Mahfoud

12:01 PM Discussion

12:06 PM **TCT 563: Superior and Proximal Nerves in Porcine Renal Arteries Are Least Accessible to Radiofrequency Ablation Due to Shielding By Peri Arterial Blood Vessels and Lymph Nodes**

Lecturers: Abraham Tzafiri

12:13 PM Discussion

12:18 PM **TCT 564: the Effect of Renal Sympathetic Denervation on Endogenous Catecholamines and Renin Angiotensin AldosterOne System**

Lecturers: Lida Feyz

12:25 PM Discussion

MODERATED POSTER SESSION: ACUTE KIDNEY INJURY DURING PERCUTANEOUS INTERVENTIONS (PCI OR TAVR) II

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

12:45PM - 1:45 PM

Acute Kidney Injury During Percutaneous Interventions (PCI or TAVR) II

Moderators: Harold L. Dauerman, Charles J. Davidson

Discussants: Shmuel Banai, Julia Baron, Wolfgang Bocksch, Daniele Giacoppo, Lloyd W. Klein, Kyung Woo (KW) Park, Asif Qasim

12:45 PM **TCT 592: Remote Ischemic Conditioning in Acute ST Elevation Myocardial Infarction Does Not Protect Against Acute Kidney Injury**

Lecturers: Iliana Hurtado Rendon

12:52 PM Discussion

- 12:57 PM **TCT 593: Predicting Acute Kidney Injury in Patients Undergoing Transcatheter Aortic Valve Replacement: Testing the Mehran Contrast Induced Nephropathy Score**
Lecturers: Malik Murtaza
- 1:04 PM **Discussion**
- 1:09 PM **TCT 594: Rotational Atherectomy and the Risk for Contrast Induced Nephropathy**
Lecturers: Ozan Demir
- 1:16 PM **Discussion**
- 1:21 PM **TCT 595: Ultra Low Contrast Percutaneous Coronary Intervention to Minimize the Risk for Contrast Induced Acute Kidney Injury in Patients With Severe Chronic Kidney Disease**
Lecturers: Lorenzo Azzalini
- 1:28 PM **Discussion**
- 1:33 PM **TCT 596: Worsened Renal Function After Transcatheter Aortic Valve Replacement Increases Long Term Mortality**
Lecturers: Ricardo Cigarroa
- 1:40 PM **Discussion**

MODERATED POSTER SESSION: COMORBIDITIES IN CAD II

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Comorbidities in CAD II

Moderators: John A. Ambrose, Sorin J. Brener

Discussants: Wacin Buddhari, Joo Myung Lee, Giampaolo Niccoli, Jan J. Piek, Expedito Eustáquio Ribeiro, Peter Wenaweser

- 12:45 PM **TCT 612: Physician Prediction of Mortality Outcomes in the Cardiac Cath Lab: Comparisons to A Validated Risk Score**
Lecturers: Kiran Sarathy
- 12:52 PM **Discussion**
- 12:57 PM **TCT 613: Is Younger Truly Better Clinical Characteristics and in Hospital Outcomes of Percutaneous Coronary Intervention Performed in Patients 45 Years Old Or Younger**
Lecturers: Marta Bande
- 1:04 PM **Discussion**
- 1:09 PM **TCT 614: the Obesity Paradox Revisited: Body Mass Index and Long Term Outcomes After PCI From A Large Pooled Patient Level Database**
Lecturers: Rafal Wolny
- 1:16 PM **Discussion**
- 1:21 PM **TCT 615: Percutaneous Coronary Intervention for Patients With Ischemic Cardiomyopathy Is Associated With Low Mortality and Improves Ejection Fraction: A Meta Analysis of 3844 Patients**

Lecturers: Ameera Ahmed

1:28 PM **Discussion**

1:33 PM **TCT 616: Impact of General Cardiology Follow Up on Optimal Cardiovascular Risk Factor Management Post Revascularization: Outcomes in A Nationalized Healthcare System**

Lecturers: Richard Jung

1:40 PM **Discussion**

MODERATED POSTER SESSION: COMPUTATIONAL FLUID DYNAMICS (CT-FFR, QFR, INTRAVASCULAR IMAGING-FFR, AND OTHERS) IV

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

12:45 PM - 1:45 PM

Computational Fluid Dynamics (CT-FFR, QFR, Intravascular Imaging-FFR, and others) IV

Moderators: Jonathan M. Hill, John McB. Hodgson

Discussants: Marc D. Feldman, Young-Hak Kim, Yasunori Ueda

- 12:45 PM **TCT 617: Diagnostic Accuracy of 3 Dimensional and 2 Dimensional Quantitative Coronary Angiography for Predicting Physiological Significance of Coronary Stenosis**
Lecturers: Junqing Yang
- 12:52 PM **Discussion**
- 12:57 PM **TCT 618: Angiogram Based Fractional Flow Reserve in Patients With Multi Vessel Disease**
Lecturers: Hiroyuki Omori
- 1:04 PM **Discussion**
- 1:09 PM **TCT 619: Comparison of One Dimensional 1D and Three Dimensional 3D Models for the Estimation of Coronary Fractional Flow Reserve Through Cardiovascular Imaging**
Lecturers: Cristiano Guedes Bezerra
- 1:16 PM **Discussion**
- 1:21 PM **TCT 620: influence of Diabetes Mellitus and Chronic Kidney Disease on Diagnostic Accuracy of Quantitative Flow Ratio QFR**
Lecturers: Jakub Maksym
- 1:28 PM **Discussion**
- 1:33 PM **TCT 621: Comparison of Quantitative Flow Ratio and instantaneous Wave Free Ratio for Immediate Assessment of Non Culprit Lesions in Patients With ST Segment Elevation Myocardial Infarction an iSTEMI Substudy**
Lecturers: Martin Sejr Hansen
- 1:40 PM **Discussion**

MODERATED POSTER SESSION: DES VS DES II

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

12:45 PM - 1:45 PM

DES vs DES II

Moderators: Giuseppe Biondi-Zoccai

Discussants: Mamas Mamas, Edward J. McNulty, Ashok Seth, Philip M. Urban

12:45 PM **TCT 622: Comparative Safety and Effectiveness of Polymer Free Biolimus Eluting Stents vs Permanent Polymer Everolimus Eluting Stents in Routine Clinical Practice**
Lecturers: Giuseppe Biondi-Zoccai

12:52 PM **Discussion**

12:57 PM **TCT 623: 12 Months Outcomes of A Non Inferiority Randomized Clinical Trial Comparing the Efficacy and Safety of Angiolite Vs Xience in Patients With PCI Indication**
Lecturers: Armando Perez de Prado

1:04 PM **Discussion**

1:09 PM **TCT 624: A Prospective Multicenter Randomized Post Market Trial Evaluating A Novel Cobalt Chrome Rapamycin Drug Eluting Stent: Subgroup Analysis of the TARGET All Comers Trial**
Lecturers: Alexandra J. Lansky

1:16 PM **Discussion**

1:21 PM **TCT 625: Five Year Clinical Outcomes of NOBORI Biolimus Eluting Stent vs XIENCE Everolimus Eluting Stent in Diabetic Patients**
Lecturers: Yuichi Tanaka

1:28 PM **Discussion**

1:33 PM **TCT 626: Comparative Effectiveness of Different Types of Contemporary Drug Eluting Stents in Patients With De Novo Long Coronary Artery Lesions**
Lecturers: Do-Yoon Kang

1:40 PM **Discussion**

MODERATED POSTER SESSION: INTERVENTION THERAPIES IN PATIENTS WITH DIABETES MELLITUS I

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

12:45 PM - 1:45 PM

Intervention Therapies in Patients With Diabetes Mellitus I

Moderators: Frederick Feit, Norman E. Lepor

Discussants: Angeles Alonso Garcia, Michael P. Flaherty, Efrain Gaxiola, Cindy L. Grines, Miodrag C. Ostojic

12:45 PM **TCT 597: GLP 1 Does Not Protect Against Right Ventricular Stunning or Cumulative Ischemic Dysfunction Following Right Coronary Artery Balloon Occlusion in Humans**
Lecturers: Joel Giblett

12:52 PM **Discussion**

12:57 PM **TCT 598: Prediabetes and Its Impact on Clinical Outcome After Coronary Intervention in Chinese Patients**
Lecturers: Huan-Huan Wang

1:04 PM **Discussion**

1:09 PM **TCT 599: The Glucagon Like Peptide 1 Loading During PCI GOLD PCI Trial: 12 Month Clinical Outcomes**
Lecturers: Joel Giblett

1:16 PM **Discussion**

1:21 PM **TCT 600: The Impact of Diabetes Mellitus on the Long term Risk for Heart Failure in Patients Who Underwent Coronary Revascularization**
Lecturers: Yasuaki Takeji

1:28 PM **Discussion**

1:33 PM **TCT 601: Results of Percutaneous Coronary Intervention With Second Generation Paclitaxel Coated Balloons in Diabetic Patients At A Long Term Follow Up**
Lecturers: Ignacio Sanchez-Perez

1:40 PM **Discussion**

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN CORONARY ARTERY DISEASE AND INTERVENTION I

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: MOC,CME

12:45 PM - 1:45 PM

Racial and Gender Disparities in Coronary Artery Disease and Intervention I

Moderators: Patricia J. Best, Anthony N. DeMaria

Discussants: Tayo A. Addo, Yaling Han, Lisette Okkels Jensen, Margaret B. McEntegart, A.J. Conrad C. Smith

12:45 PM **TCT 602: Gender Based Differences in Outcomes of Percutaneous Coronary Intervention vs Coronary Artery Bypass Grafting for Multivessel Disease A Meta Analysis of Randomized Controlled Trials**
Lecturers: Khagendra Dahal

12:52 PM **Discussion**

12:57 PM **TCT 603: Direct Stenting Strategy Is Associated With Improved Survival in Women Undergoing Primary Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction: A Propensity Score Matched Comparative Study**
Lecturers: Ivan Bessonov

- 1:04 PM **Discussion**
- 1:09 PM **TCT 604: Outcome of High Risk Percutaneous Coronary Intervention: Gender Based Analysis**
Lecturers: M Chadi Alraies
- 1:16 PM **Discussion**
- 1:21 PM **TCT 605: Sex Based Differences in in Hospital Outcomes of Patients With Cardiogenic Shock Treated With Percutaneous Mechanical Circulatory Support in the United States**
Lecturers: Pedro Villablanca
- 1:28 PM **Discussion**
- 1:33 PM **TCT 606: Gender Differences in Fractional Flow Reserve After Percutaneous Coronary Intervention**
Lecturers: Laurens Zandvoort
- 1:40 PM **Discussion**

- 1:28 PM **Discussion**
- 1:33 PM **TCT 591: Hypoalbuminemia Increases Periprocedural Stroke in Transcatheter Aortic Valve Replacement: A Retrospective Single Center Case Control Analysis**
Lecturers: Dominique Monlezun
- 1:40 PM **Discussion**

MODERATED POSTER SESSION: TAVR IN FRAIL PATIENTS AND PATIENTS WITH A HISTORY OF MALIGNANCY

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: MOC,CME

12:45 PM - 1:45 PM

TAVR in Frail Patients and Patients with a History of Malignancy

Moderators: Adriano Caixeta, Ruediger S. Lange

Discussants: Biswajit Kar, Luis Nombela-Franco

- 12:45 PM **TCT 607: Protein Caloric Malnutrition Is Associated With Adverse Outcomes Following TAVR**

Lecturers: Sarah Rudasill

12:52 PM **Discussion**

- 12:57 PM **TCT 608: Effect of Chronic Liver Disease on the Outcomes Readmissions Length of Stay and Cost of Transcatheter Aortic Valve Replacement and Surgical Aortic Valve Replacement**

Lecturers: Habib Khoury

1:04 PM **Discussion**

- 1:09 PM **TCT 609: Choosing Between Transcatheter Surgical and Medical Management in Cancer Patients With Severe Aortic Stenosis**

Lecturers: Dinu Balanescu

1:16 PM **Discussion**

- 1:21 PM **TCT 610: Outcomes of Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in Patients With Prior Chest Radiation**

Lecturers: Yohan Chacko

1:28 PM **Discussion**

- 1:33 PM **TCT 611: Prognostic Impact of Underweight in Patients With Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation Or Surgical Aortic Valve Replacement Prospective Data From the German Aortic Valve Registry GARY**

Lecturers: Lisa Voigtländer

1:40 PM **Discuss**

MODERATED POSTER SESSION: TAVR, STROKE, AND EMBOLIC PROTECTION II

SUNDAY, SEPTEMBER 23, 2018

12:45 PM - 1:45 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

12:45 PM - 1:45 PM

TAVR, Stroke, and Embolic Protection II

Moderators: Stephan Baldus, Luigi Salemme

Discussants: Joseph E. Bavaria, Daniel H. Berrocal, Cameron Dowling, Randolph P. Martin

- 12:45 PM **TCT 587: the Size of the Implanted Valve During Transcatheter Aortic Valve Implantation Predicts the Increase in Cerebral Blood Flow Velocity Size Does Matter**

Lecturers: Wieneke Vlastra

12:52 PM **Discussion**

- 12:57 PM **TCT 588: Have Patients With A History of Cerebral Events A Higher Risk of Periprocedural Stroke During Protected Transfemoral Aortic Valve Implantation With Use of A Double Filter Cerebral Embolic Protection Device Results of A Large All Comers Populatio**

Lecturers: Julia Seeger

1:04 PM **Discussion**

- 1:09 PM **TCT 589: Clinical Outcomes of the Sentinel Cerebral Protection System in Patients Undergoing Transcatheter Aortic Valve Replacement: A Meta Analysis**

Lecturers: Zaher Fanari

1:16 PM **Discussion**

- 1:21 PM **TCT 590: Pilot Evaluation of Cognitive Function After Surgical and Transcatheter Aortic Valve Replacement**

Lecturers: Santiago Garcia

MODERATED POSTER SESSION: CORONARY CALCIFICATION II

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: MOC,CME

1:45 PM - 2:45 PM

Coronary Calcification II

Moderators: Prashant Kaul, Sunil V. Rao

Discussants: Devang Maheshchandra Desai, Carey D. Kimmelstiel, Nattawut Wongpraparut

1:45 PM **TCT 652: Coronary Artery Calcium Score in Predicting Periprocedural Myocardial Infarction in Patients Undergoing Elective Percutaneous Coronary Intervention**

Lecturers: Min Gyu Kang

1:52 PM **Discussion**

1:57 PM **TCT 653: Acute Mid Term Results of Drug Coated Balloon Following Rotational Atherectomy**

Lecturers: Taito Nagai

2:04 PM **Discussion**

2:09 PM **TCT 654: Coronary Lesion Calcification and the Two Year Outcome After Percutaneous Coronary Intervention**

Lecturers: Lei Song

2:16 PM **Discussion**

2:21 PM **TCT 655: Prevalence Predictors Prognostic Significance and Effect of Techniques on Outcomes of Coronary Lesion Calcification Following Implantation of Drug Eluting Stents: A Patient Level Pooled Analysis of Stent Specific Multi Center Prospective IRI**

Lecturers: Cheol Hyun Lee

2:28 PM **Discussion**

2:33 PM **TCT 656: the Coating Performance of DES in tortuous and Calcified Lesions: the Preliminary Result of Benchmark Study**

Lecturers: Yi Li

2:40 PM **Discussion**

MODERATED POSTER SESSION: DES VS DES III

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

DES vs DES III

Moderators: Alaide Chieffo, Michael A. Kutcher

Discussants: Arif Al Nooryani, Jaikirshan Khatri, Alexander Grigorievich Osiev, Guangyuan Song

1:45 PM **TCT 662: Angioscopic Follow Up After Drug Eluting Stents Implantation for Stable Coronary Artery Diseases**

Lecturers: Soichiro Hiramatsu

1:52 PM **Discussion**

1:57 PM **TCT 663: Comparison of Conformability and Wall Shear Stress Between Resolute Integrity Zotarolimus Eluting Stent and the XIENCE Xpedition Everolimus Eluting Stent in Angulated Vessels: An Interim Analysis of the SHEAR STENT Randomized Controlled Study**

Lecturers: Arnav Kumar

2:04 PM **Discussion**

2:09 PM **TCT 665: Unselected Use of Ultrathin Strut Biodegradable Polymer Sirolimus Eluting Stent vs Durable Polymer Everolimus Eluting Stent for Coronary Revascularization**

Lecturers: Kyohei Yamaji

2:16 PM **Discussion**

2:21 PM **TCT 664: Twelve Month Clinical Outcomes Comparing Biodegradable Polymer Sirolimus Eluting Stent vs Durable Polymer Everolimus Eluting Coronary Stents in Patients With De Novo Native Coronary Artery Lesions: The meriT V Randomized Trial**

Lecturers: Ricardo A. Costa

2:28 PM **Discussion**

2:33 PM **TCT 666: Safety Evaluation of the Biodegradable Polymer Based Sirolimus Eluting Stent With Faster Drug Eluting Rate and Polymer Absorption Kinetics in Complex Patient and Lesion Subgroup of the PANDA III Trial**

Lecturers: Sida Jia

2:40 PM **Discussion**

MODERATED POSTER SESSION: NON-ATHEROSCLEROSIS CORONARY ARTERY DISEASE II

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Non-atherosclerosis Coronary Artery Disease II

Moderators: Francesco Pelliccia, Renu Virmani

Discussants: Valerian Fernandes, Yuji Ikari, Sasko Kedev

1:45 PM **TCT 632: Mechanisms of Myocardial Infarction in Patients With Nonobstructive Coronary Artery Disease: Results From the Optical Coherence tomography Study**

Lecturers: Maksymilian Opolski

1:52 PM **Discussion**

1:57 PM **TCT 633: Prognostic Value of initial intravascular Ultrasound Without A Routine Early Baseline Study in the Evaluation of Cardiac Transplant Vasculopathy**

Lecturers: Mohammad Reza Movahed

2:04 PM **Discussion**

- 2:09 PM **TCT 634: Percutaneous Coronary Intervention With Drug Eluting Stents for the Treatment of Cardiac Allograft Vasculopathy and the Impact of Intravascular Ultrasound and Stent Characteristics on Lesion Patency: 4 Year Outcomes**
Lecturers: Richard Cheng
- 2:16 PM **Discussion**
- 2:21 PM **TCT 635: Unmasking Myocardial Bridge Related Ischemia By Intracoronary Functional Evaluation**
Lecturers: Massimo Napodano
- 2:28 PM **Discussion**
- 2:33 PM **International Experience With Impella Mechanical Circulatory Support for Takotsubo Syndrome With Shock**
Lecturers: L Christian Napp
- 2:40 PM **Discussion**

- 2:33 PM **TCT 661: The Influence of Catheterization Laboratory Volume and Hospital Teaching Status on the Acute Myocardial Infarction Outcomes**
Lecturers: Tariq Enezate
- 2:40 PM **Discussion**

MODERATED POSTER SESSION: PERCUTANEOUS INTERVENTIONS (PCI OR TAV) IN DIALYSIS PATIENTS OR PATIENTS WITH CHRONIC KIDNEY DISEASE

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Percutaneous Interventions (PCI or TAV) in Dialysis Patients or Patients with Chronic Kidney Disease

Moderators: Ziad A. Ali

Co Moderator: Stephen Cook

Discussants: Julia Baron, Gianni Dall'Ara

- 1:45 PM **TCT 637: A Meta Analysis of Clinical Outcomes of Transcatheter Aortic Valve Replacement in Patients With End Stage Renal Disease**
Lecturers: Javier Amione Guerra
- 1:52 PM **Discussion**
- 1:57 PM **TCT 638: Clinical Outcomes of Hemodialysis Patients With Coronary Artery Disease After Newer Generation Drug Eluting Stent Implantation**
Lecturers: Shota Okuno
- 2:04 PM **Discussion**
- 2:09 PM **TCT 639: Comparison of Patients With and Without Dialysis Prior to TAVI in 2000 Consecutive Implantations With A 3 Year Follow Up**
Lecturers: Gerhard Schymik
- 2:16 PM **Discussion**
- 2:21 PM **TCT 640: Transcatheter Aortic Valve Replacement vs Surgical Aortic Valve Replacement Outcomes in Patients on Dialysis: Systematic Review and Meta Analysis**
Lecturers: Zaher Fanari
- 2:28 PM **Discussion**
- 2:33 PM **TCT 641: Transcatheter Aortic Valve Replacement Outcomes in Patients With End Stage Renal Disease: Systematic Review and Meta Analysis**
Lecturers: Zaher Fanari
- 2:40 PM **Discussion**

MODERATED POSTER SESSION: PCI VOLUMES AND OUTCOMES I

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

PCI Volumes and Outcomes I

Moderators: David P. Faxon, Sigmund Silber

Discussants: Lorenzo Azzalini, Jun-Jack Cheng, John S. Douglas Jr, Samin K. Sharma

- 1:45 PM **TCT 657: Temporal Trends in the Practice of the Trans Radial Approach PCI in A Large Tertiary Center More Is Better**
Lecturers: Leor Perl
- 1:52 PM **Discussion**
- 1:57 PM **TCT 658: Complex High and Indicated Percutaneous Coronary indication: Does Operator Volume influence Patient Outcome**
Lecturers: Tim Kinnaird
- 2:04 PM **Discussion**
- 2:09 PM **TCT 659: Rates of Selection of Revascularization Strategy PCI vs CABG Do Not influence in Hospital Mortality in Acute Coronary Syndromes ACS**
Lecturers: Ashraf Abugroun
- 2:16 PM **Discussion**
- 2:21 PM **TCT 660: Prevalence Treatment Options and influence of A Training Program on Clinical Outcome in Patients With ST Elevation Myocardial Infarction Between 1999 and 2016 in China: the Prospective Multicenter Registry MOODY Trial**
Lecturers: Shao-Liang Chen
- 2:28 PM **Discussion**

MODERATED POSTER SESSION: PHARMACOLOGY: TRADITIONAL VS NEWER ANTIPLATELET AGENTS II

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

1:45 PM - 2:45 PM

Pharmacology: Traditional vs Newer Antiplatelet Agents II

Moderators: Germano Di Sciascio, Fausto Feres

Discussants: Mark Goldberger, Hyeon-Cheol Gwon, Mina Madan

1:45 PM **TCT 642: the Comparative Effectiveness and Safety of Cangrelor vs In Lab Glycoprotein IIb/IIIa Inhibitor GPI in Patients Undergoing Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2**
Lecturers: Saifullah Siddiqui

1:52 PM Discussion

1:57 PM **TCT 643: Antiplatelet Therapy With Cangrelor in Patients Undergoing Surgery After Coronary Stent Implantation: A Real World Bridging Protocol Experience**
Lecturers: Giulia Masiero

2:04 PM Discussion

2:09 PM **TCT 644: Use of New Thienopyridines in Patients With Coronary Artery Disease Treated With Percutaneous Coronary Interventions in Argentina Results From A Real World Multicenter Registry**
Lecturers: Alfredo Rodriguez Granillo

2:16 PM Discussion

2:21 PM **TCT 645: Assessment of Angiographic Outcomes After Cangrelor in Acute Coronary Syndrome Patients With Timi Grade Flow 0 Or 1 and Thrombus Compared to Glycoprotein IIb/IIIa Inhibitors**
Lecturers: Alexandre Hideo-Kajita

2:28 PM Discussion

2:33 PM **TCT 646: Platelet to Red Cell Distribution Width Ratio Predicts High on Clopidogrel Platelet Reactivity in Patients With Percutaneous Coronary Intervention**
Lecturers: Mariusz Tomaniak

2:40 PM Discussion

Lecturers: Tobias Rheude

1:52 PM Discussion

1:57 PM **TCT 648: The Prevalence of Computed Tomography Defined Leaflet Thrombosis in Intra vs Supra Annular Transcatheter Aortic Valve Prostheses**

Lecturers: Hashrul Rashid

2:04 PM Discussion

2:09 PM **TCT 649: Impact of Postdilatation on Long Term Outcome and Valve Durability in TAVR Patients**

Lecturers: Stephan Haussig

2:16 PM Discussion

2:21 PM **TCT 650: Clinical Presentation Management and Outcomes of Patients Who Developed Post Transcatheter Aortic Valve Replacement Thrombosis: Global Case Series**

Lecturers: Daniel Garcia

2:28 PM Discussion

2:33 PM **TCT 651: Novel Preclinical Model of Aortic Banding for Evaluation of Implantation Feasibility and Long Term Durability of Transcatheter Aortic Valves**

Lecturers: Pawel E. Buszman

2:40 PM Discussion

MODERATED POSTER SESSION: METALLIC BIORESORBABLE VASCULAR SCAFFOLDS II

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

Metallic Bioresorbable Vascular Scaffolds II

Moderators: Stephan Achenbach, Bernardo Cortese

Discussants: Vasim Farooq, Yasuhiro Honda

2:45 PM **TCT 700: initial Experience of Magnesium Bioresorbable Scaffold Implantation in Acute Coronary Syndrome**

Lecturers: Magdalena Lanocha, MD

2:52 PM Discussion

2:57 PM **TCT 701: Consecutive intravascular Imaging Assessment Up to 3 Years Following Implantation of Resorbable Magnesium Scaffolds**

Lecturers: Himanshu Raj, MD

3:04 PM Discussion

3:09 PM **TCT 702: Magnesium Metallic Bioabsorbable Scaffold Magmaris Long Term Results Analysis From Pooled Multicentre Italian Experience**

Lecturers: Stefano Galli, MD

3:16 PM Discussion

MODERATED POSTER SESSION: TAVR LEAFLET THROMBOSIS AND DURABILITY

SUNDAY, SEPTEMBER 23, 2018

1:45 PM - 2:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: MOC, CME

1:45 PM - 2:45 PM

TAVR Leaflet Thrombosis and Durability

Moderators: Duk-Woo Park, Lars Sondergaard

Discussants: Hans R. Figulla, George S. Hanzel

1:45 PM **TCT 647: Hemodynamic Valve Deterioration Following Transcatheter Aortic Valve Implantation: Prevalence and Predictors of Elevated Transvalvular Gradients**

- 3:21 PM **TCT 703: Early Results Following Magnesium Bioresorbable Vascular Scaffold Implantation in Patients With Acute Myocardial Infarction**
Lecturers: Alfonso Ielasi, MD
- 3:28 PM **Discussion**
- 3:33 PM **TCT 704: Feasibility of Overlapped Magnesium Made Bioresorbable Scaffold Implantation in Long Lesions Results From the Multicenter Italian Registry MAGIC**
Lecturers: Francesco Tomassini, MD
- 3:40 PM **Discussion**

- 3:45 PM **TCT 717: Impact of Percutaneous Coronary Intervention for Chronic Total Occlusion on Long Term Outcomes of Patients With Stable Coronary Artery Disease Accompanied By Left Ventricular Dysfunction**
Lecturers: Ryosuke Murai
- 3:52 PM **Discussion**
- 3:57 PM **TCT 718: A Meta Analysis of Long Term Clinical Outcomes Following Successful Percutaneous Coronary Intervention With Drug Eluting Stents for Chronic Total Occlusions**
Lecturers: Aravdeep Jhand
- 4:04 PM **Discussion**

MODERATED POSTER SESSION: OUTCOMES AFTER PCI TREATMENT OF CTO LESIONS

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 4:15 PM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 4:15 PM

Outcomes After PCI Treatment of CTO Lesions I

Moderators: J. Aaron Grantham, Habib Samady

Discussants: Parag Barwad, Andrea Gagnor, Luiz F Ybarra, Chih-Fan Yeh

- 2:45 PM **TCT 683: Long Term Prognosis of Complete Percutaneous Coronary Revascularization in Patients With Chronic Total Occlusion: A Comparison Between Preserved and Impaired Renal Function**
Lecturers: Renato Valenti
- 2:52 PM **Discussion**
- 2:57 PM **TCT 684: Predictors of Target Vessel Failure in Long Term Follow Up With Chronic Total Occlusion Patients After Successful Percutaneous Coronary Intervention**
Lecturers: Kyusup Lee
- 3:04 PM **Discussion**
- 3:09 PM **TCT 685: the Improvement of Left Ventricular Function After CTO Revascularization A Strain Echocardiography Based Study**
Lecturers: Chun Kai Chen
- 3:16 PM **Discussion**
- 3:21 PM **TCT 715: Evaluation of the Impact of Percutaneous Coronary Intervention of Chronic Total Occlusion on Regional Myocardial Function Using Strain Echocardiography**
Lecturers: Mohamed El Gowelly
- 3:28 PM **Discussion**
- 3:33 PM **TCT 716: Over Ten Years Follow Up of Chronic Total Coronary Occlusion Angioplasty**
Lecturers: Kohei Yoneda
- 3:40 PM **Discussion**

MODERATED POSTER SESSION: PCI IN THE ELDERLY I

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

2:45 PM - 3:45 PM

PCI in the Elderly I

Moderators: Henning Kelbæk, Richard A. Schatz

Discussants: Richard R. Heuser, Aaron V. Kaplan, Mahesh V Madhavan, Fazila T. Malik, Bonnie H. Weiner

- 2:45 PM **TCT 690: Incremental Age Related 1 Year MACCE After Acute Myocardial Infarction in the Drug Eluting Stent Era From KAMIR NIH Registry**
Lecturers: SeongHyeon Bu
- 2:52 PM **Discussion**
- 2:57 PM **TCT 691: National Trends of Percutaneous Coronary Intervention for the Elderly**
Lecturers: Ayman Elbadawi, MD
- 3:04 PM **Discussion**
- 3:09 PM **TCT 692: Impact of Drug Eluting Stent Generation in Elderly Patients Undergoing PCI: Five Year Follow Up From A Patient Level Analysis of 19 Randomized Trials**
Lecturers: Paul Guedeney, MD
- 3:16 PM **Discussion**
- 3:21 PM **TCT 693: Outcomes of Percutaneous Coronary Intervention in Octogenarian Patients An Analysis of the National Inpatient Sample**
Lecturers: Amr Idris, MD
- 3:28 PM **Discussion**
- 3:33 PM **TCT 694: Outcome of High Risk Percutaneous Coronary Intervention in Octogenarians: Insight From the From the cVAD Registry**
Lecturers: M Chadi Alraies
- 3:40 PM **Discussion**

MODERATED POSTER SESSION: STEMI AND MULTIVESSEL DISEASE

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME,MOC

2:45PM - 3:33 PM

STEMI and Multivessel Disease

Moderators: Sanjit S. Jolly, Pieter C. Smits

Discussants: Bimmer E. Claessen, Michael Maeng, Nadia R Sutton

2:45 PM **TCT 677: Multivessel vs Culprit Lesion only Percutaneous Coronary Intervention in Acute Myocardial Infarction Complicated By Cardiogenic Shock: An Updated Meta Analysis**
Lecturers: Amartya Kundu

2:52 PM **Discussion**

2:57 PM **TCT 679: the Impact of Complete Revascularization in STEMI Patients With Left Ventricular Dysfunction**
Lecturers: Jeehoon Kang

3:04 PM **Discussion**

3:09 PM **TCT 680: Trends and Predictors of Early Readmission in STEMI Patients Undergoing Multivessel Percutaneous Coronary Intervention**
Lecturers: Byomesh Tripathi

3:16 PM **Discussant**

3:21 PM **TCT 681: Culprit Vessel only vs Multivessel Percutaneous Coronary Intervention in Acute St Elevation Myocardial Infarction With Cardiogenic Shock: A Comprehensive Updated Meta Analysis**
Lecturers: Muhammad Khalid

3:28 PM **Discussion**

MODERATED POSTER SESSION: SURGICAL TREATMENT OF AORTIC OR MV DISEASE

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:57 PM

Moderated Posters 1, Exhibit Hall, Ground Level
Accreditation: CME,MOC

2:45PM - 3:57 PM

Surgical Treatment of Aortic or MV Disease

Moderators: Gregory P. Fontana

Discussants: Stephan M. Ensminger, Basel Ramlawi, Mathew Williams, Rashmi Yadav

2:45 PM **TCT 667: Causes and Clinical Outcomes of Patients With Mitral Regurgitation Who Are ineligible for Transcatheter Mitral Valve Replacement**

Lecturers: Hiroki Niikura

2:52 PM **Discussion**

2:57 PM **TCT 668: Thirty Day Readmissions After Transcatheter Mitral Valve Repair Vs Surgical Mitral Valve Repair: Analysis of the 2014 2015 Nationwide Readmissions Databases**

Lecturers: Fabio Lima

3:04 PM **Discussion**

3:09 PM **TCT 669: Contemporary Outcomes of Isolated Bioprothetic Mitral Valve Replacement for Mitral Regurgitation**
Lecturers: Chalak Berzingi

3:16 PM **Discussion**

3:21 PM **TCT 670: Difference in Post SAVR Inpatient Outcomes Between TAVR and Non TAVR Performing Hospitals**
Lecturers: Godly Jack

3:28 PM **Discussion**

3:33 PM **TCT 671: A Systematic Review and Meta Analysis of Permanent Pacemaker Implantation and Paravalvular Leak Rates After Sutureless Aortic Valve Operations**
Lecturers: Charan Yerasi

3:40 PM **Discussion**

3:45 PM **TCT 672: Trends in Utilization of Surgical and Transcatheter Mitral Valve Repair in the United States**
Lecturers: Tanush Gupta

3:52 PM **Discussion**

MODERATED POSTER SESSION: SYNTAX SCORE AND SYNTAX TRIAL STUDIES II

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME,MOC

2:45PM - 3:45 PM

SYNTAX Score and SYNTAX Trial Studies II

Moderators: David R. Holmes Jr., Corrado Tamburino

Discussants: Patrick J Galeski, Talib Majwal, Sheila Sahni

2:45 PM **TCT 673: Two Years Clinical Outcomes With the State of the Art PCI for the Treatment of Bifurcation Lesions: A Sub Analysis of the SYNTAX II Study**
Lecturers: Rodrigo Modolo

2:52 PM **Discussion**

2:57 PM **TCT 674: Impact of Coronary Calcification on the Agreement Between Coronary Cta and Conventional Angiography in the Syntax Score Treatment Decision**
Lecturers: Saima Mushtaq

3:04 PM **Discussion**

- 3:09 PM **TCT 675: Site vs Core Laboratory SYNTAX Score Variability**
Lecturers: Carlos Collet
- 3:16 PM **Discussion**
- 3:21 PM **TCT 676: Could the Logistic Clinical SYNTAX Score Have Predicted the All Cause Mortality in the Global Leaders Trial A Prediction Prior to the Unblinding of the Trial**
Lecturers: Ply Chichareon
- 3:28 PM **Discussion**

MODERATED POSTER SESSION: TAVR AND CAD II

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45 PM - 3:45 PM

TAVR and CAD II

Moderators: Bernard R. Chevalier, Junbo Ge

Discussants: Paul Hsien-Li Kao, Poonam Velagapudi

- 2:45 PM **TCT 627: Impact of Coronary Revascularization in Patients Undergoing Transcatheter Aortic Valve Implantation**
Lecturers: Diego Lopez Otero
- 2:52 PM **Discussion**
- 2:57 PM **TCT 628: Impact of Prestaged Percutaneous Coronary Intervention on Outcome in Coronary Artery Disease Patients Undergoing Transfemoral Aortic Valve Replacement**
Lecturers: Julia Seeger
- 3:04 PM **Discussion**
- 3:09 PM **TCT 629: Troponin Rise Predicts Thirty Days Outcome in Coronary Artery Disease Patients Undergoing Transfemoral Aortic Valve Replacement for Severe Aortic Stenosis**
Lecturers: Julia Seeger
- 3:16 PM **Discussion**
- 3:21 PM **TCT 630: New Indexes for Predicting Coronary Obstruction After Balloon Expandable Transcatheter Aortic Valve Replacement**
Lecturers: Yasushi Fuku
- 3:28 PM **Discussion**
- 3:33 PM **TCT 631: DILEMMA Score Predicts 1 Year Mortality in Patients With Coronary Artery Disease Undergoing Transcatheter Aortic Valve Replacement**
Lecturers: Michael Michail
- 3:40 PM **Discussion**

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES III

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45 PM - 3:45 PM

TAVR Risk Stratification and Outcomes III

Moderators: Hendrik Treede

Discussants: Daniel J. Blackman, Thomas Modine, Wojtek Wojakowski, S C Wong, Yuejin Yang

- 2:45 PM **TCT 686: Mixed Aortic Valve Disease: Impact on Outcome After Transcatheter Aortic Valve Implantation**
Lecturers: Konstantinos Stathogiannis, MD
- 2:52 PM **Discussion**
- 2:57 PM **TCT 687: Paravalvular Leak in the RESPOND Post Market Study Predictors and Impact on 2 Year Clinical Outcomes Following TAVR With A Fully Repositionable and Retrievable Aortic Valve in Routine Clinical Practice**
Lecturers: Jochen Wöhrle
- 3:04 PM **Discussion**
- 3:09 PM **TCT 688: Effect of Renin Angiotensin System Blockade in Long Term Outcomes Following Transcatheter Aortic Valve Implantation Results From the Retrospective Cohort of the RASTAVI Study**
Lecturers: Ignacio Amat-Santos
- 3:16 PM **Discussion**
- 3:21 PM **TCT 689: Comparison of Transcatheter Aortic Valves Stent and Leaflet Stresses of SAPIEN vs Corevalve**
Lecturers: Yue Xuan, MD
- 3:28 PM **Discussion**

MODERATED POSTER SESSION: USE OF EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)

SUNDAY, SEPTEMBER 23, 2018

2:45 PM - 3:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

2:45 PM - 3:45 PM

Use of Extracorporeal Membrane Oxygenation (ECMO)

Moderators: Michael Mooney, Srihari S. Naidu

Discussants: Vladimir Ganyukov, Navin K. Kapur, Nir Uriel

- 2:45 PM **TCT 695: Comparing Venous Arterial Extracorporeal Membrane Oxygenation ECMO and Impella in Cardiogenic Shock Patients**

Lecturers: Thong Nguyen, MD

2:52 PM Discussion

2:57 PM **TCT 696: Real World Experience With Extracorporeal Cardiopulmonary Resuscitation ECPR**
Lecturers: Lucas Marinacci, MD

3:04 PM Discussion

3:09 PM **TCT 697: Left Ventricular Decompression During Extracorporeal Membrane Oxygenation for Cardiogenic Shock A Systematic Review and Meta Analysis**
Lecturers: Juan Russo, MD

3:16 PM Discussion

3:21 PM **TCT 698: VA ECMO for the Treatment of Cardiogenic Shock in Primary PCI for STEMI A Multi Centre Perspective**
Lecturers: Floris Van Den Brink, MD

3:28 PM Discussion

3:33 PM **TCT 699: Outcomes of Venoarterial Extracorporeal Membrane Oxygenation VA ECMO Support for Cardiogenic Shock in A Large Tertiary Care Advanced Heart Failure and Transplant Referral Center From 2013 2017**
Lecturers: Colin Hirst, MD

3:40 PM Discussion

MODERATED POSTER SESSION: BEST OF MODERATED PCI POSTER ABSTRACTS II

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:45 PM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME, MOC

3:45 PM - 4:45 PM

Best of Moderated PCI Poster Abstracts II

Moderators: Kenneth Chin, Holger M. Nef

Discussants: Mohammad Al-Mutairi, Marta Bande, Ashok Dutta, Hadley Wilson, Bernhard Witzenbichler

3:45 PM **TCT 705: Current Treatment Strategies for In Stent Restenosis in the Era of Drug Eluting Stents A Meta Analysis**
Lecturers: Kleanthis Theodoropoulos, MD

3:52 PM Discussion

3:57 PM **TCT 707: A Prospective Randomized Multicenter Study to Assess the Safety and Effectiveness of the Orsiro Sirolimus Eluting Stent in the Treatment of Subjects With Up to Two De Novo Coronary Artery Lesions BIOFLOW IV 3 Year Clinical Results**
Lecturers: Ton Slagboom, MD

4:04 PM Discussion

4:09 PM **TCT 708: Influence of Hospital Characteristics on the Management and Outcomes of Cardiogenic Shock Complicating Acute Myocardial Infarction A 15 Year National Study**

Lecturers: Saraschandra Vallabhajosyula, MD

4:16 PM Discussion

4:21 PM **TCT 709: Clinical Importance of Intra Procedural Thrombotic Events A VALIDATE SWEDEHEART Substudy**
Lecturers: Sofia Karlsson, MD

4:28 PM Discussion

4:33 PM **TCT 706: Cardiovascular and Non Cardiovascular Death After PCI Insights From 32882 Patients Enrolled in 21 Randomized Trials**
Lecturers: Sorin J. Brener

4:40 PM Discussion

MODERATED POSTER SESSION: MISCELLANEOUS PHARMACOTHERAPY STUDIES

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:45 PM

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME, MOC

3:45 PM - 4:45 PM

Miscellaneous Pharmacotherapy Studies

Moderators: John A. Ambrose, Dharam J. Kumbhani

Discussants: Huay Cheem Tan, James E. Udelson

3:45 PM **TCT 725: Normalization of Testosterone After Testosterone Replacement Therapy Is Not Associated With Increased Incidence of Recurrent Myocardial Infarction in Patients With A History of Previous Myocardial Infarction**
Lecturers: Mohammad-Ali Jazayeri, MD

3:52 PM Discussion

3:57 PM **TCT 726: Early intravenous Beta Blockers in Patients Undergoing Primary Percutaneous Coronary Intervention for ST Segment Elevation Myocardial Infarction A Patient Pooled Meta Analysis of Randomised Clinical Trials**
Lecturers: Peter Damman, MD

4:04 PM Discussion

4:09 PM **TCT 727: Relevance of Type and Dose of Beta Blockers in Prognosis Among Patients With Ischemic Heart Disease Data From GRAND DES Registry**
Lecturers: Jiesuck Park, MD

4:16 PM Discussion

4:21 PM **TCT 728: Long Term Medication Adherence and Prognosis After Successful Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction Experiences From the Korean Multicenter Registry**
Lecturers: Juhan Kim, MD

4:28 PM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: STATINS AND LIPIDS

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:45 PM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

3:45 PM - 4:45 PM

Pharmacology: Statins and Lipids

Moderators: Norman E. Lepor, Evan A. Stein

Discussants: Tiziana Claudia Aranzulla, Wolfgang Bocksch, Frederick Feit

3:45 PM **TCT 710: Effects of Borassus Aetiopium Bread on Metabolic Risk Parameters of Ghanaian Cardiovascular Disease Outpatients A Pilot Intervention Study**

Lecturers: Odeafu Asamoah-Boakye, MD

3:52 PM **Discussion**

3:57 PM **TCT 711: Achieving Target LDL Following Percutaneous Coronary Revascularization Contemporary Results in A Nationalized Health Care System**

Lecturers: Trevor Simard, MD

4:04 PM **Discussion**

4:09 PM **TCT 712: Metabolic Parameters As Independent Markers for Coronary Endothelial Dysfunction in Humans**

Lecturers: Jongwook Yu, MD

4:16 PM **Discussion**

4:21 PM **TCT 713: Impact of Statins Preloading Before PCI on Periprocedural Myocardial Infarction Among Stable Angina PeCTOris Patients Undergoing Percutaneous Coronary Intervention: A Meta Analysis of Randomized Controlled Trials**

Lecturers: Mohamad Soud, MD

4:28 PM **Discussion**

4:33 PM **TCT 714: Association of Statin and Mortality After Transcatheter Aortic Valve Replacement**

Lecturers: Poghni Peri-Okonny, MD

4:40 PM **Discussion**

3:45 PM **TCT 734: Comparison of Thromboresistance Between Everolimus Eluting Fluoropolymer Stent and ELuNIR Ridaforolimus Eluting Coronary StentRidaforolimus Eluting Stent in An Ex Vivo Swine Shunt Model**

Lecturers: Hiroyuki Jinnouchi, MD

3:52 PM **Discussion**

3:57 PM **TCT 735: Clinical Utility of Combined Optical Coherence tomography and Near infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis**

Lecturers: Yasushi Ino, MD

4:04 PM **Discussion**

4:09 PM **TCT 736: Prevalence and Impact of Bleeding Determinants on Risks for Out of Hospital Bleeding and Coronary Thrombosis in Patients Undergoing Percutaneous Coronary Intervention: Results From A Large Single Center PCI Registry**

Lecturers: Sabato Sorrentino, MD

4:16 PM **Discussion**

4:21 PM **TCT 737: Very Late Stent Thrombosis After Revascularization With Biodegradable Polymer Drug Eluting Stents From the SORT OUT VII Trial**

Lecturers: Julia Ellert

4:28 PM **Discussion**

4:33 PM **TCT 738: incidence and Predictors of Outcomes After First Definite Stent Thrombosis Event**

Lecturers: Maria Tovar Forero, MD

4:40 PM **Discussion**

MODERATED POSTER SESSION: TAVR IN PATIENTS WITH PULMONARY HYPERTENSION OR RV FAILURE

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:33 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

3:45 PM - 4:33 PM

TAVR in Patients with Pulmonary Hypertension or RV Failure

Moderators: Helge Möllmann, Jeffrey J. Popma

Discussants: Matthias Götzberg, Ulrich Schäfer

3:45 PM **TCT 719: Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement**

Lecturers: Euihong Ko, MD

3:52 PM **Discussion**

3:57 PM **TCT 720: Right Ventricular Function As A Predictor for Mortality in TAVI Patients**

Lecturers: Zisis Dimitriadis, MD

4:04 PM **Discussion**

MODERATED POSTER SESSION: STENT OR SCAFFOLD THROMBOSIS

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:45 PM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

3:45 PM - 4:45 PM

Stent or Scaffold Thrombosis

Moderators: Maurizio Menichelli, David G. Rizik

Discussants: Salvatore Brugaletta, Kyung Woo (KW) Park

4:09 PM **TCT 722: Pre Existing Pulmonary Hypertension in Patients Undergoing Aortic Valve Replacement Effect on in Hospital Mortality and Procedural Complications**
Lecturers: Konstantinos Voudris, MD

4:16 PM **Discussion**

4:21 PM **TCT 723: Pulmonary Arterial Proportional Pulse Pressure: A Hemodynamic Predictor of Right Ventricular Dysfunction and Early Outcomes Following Transcatheter Aortic Valve Replacement**
Lecturers: Martin Miguel Amor, MD

4:28 PM **Discussion**

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI I

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 4:45 PM

Moderated Posters 7, Exhibit Hall, Ground Level
Accreditation: CME,MOC

3:45PM - 4:45 PM

Vascular Access During PCI I

Moderators: Robert J. Applegate, Zaza Kavteladze

Discussants: Mazen Abu-Fadel, Itshac Itsik Ben-dor, Christopher Pyne, Eufracino Sandoval, Yader Sandoval

3:45 PM **TCT 729: Procedural Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions Via the Radial Approach Insight From An international CTO Registry**
Lecturers: Peter Tajti

3:52 PM **Discussion**

3:57 PM **TCT 730: Distal Transradial Access in the Anatomical Snuffbox for Coronary Angiography As An Alternative Access Site for Faster Hemostasis A Single Center Registry**
Lecturers: Shunsuke Aoi, MD

4:04 PM **Discussion**

4:09 PM **TCT 731: Potential Benefits of Modified Short Axis View and Long Axis View Use in Ultrasound Guided Radial Artery Catheterization A Systematic Review and Meta Analysis of Randomized Controlled Trials**
Lecturers: Fahed Darmoch

4:16 PM **Discussion**

4:21 PM **TCT 732: Readmission and Mortality in Patients Undergoing Percutaneous Coronary Intervention Stratified By Access Site Adjusted and Propensity Score Matched Analyses**
Lecturers: Ahmad Masri, MD

4:28 PM **Discussion**

4:33 PM **TCT 733: Comparison of Vascular Closure Device With Trans Femoral Approach vs Trans Radial Approach An Updated Meta Analysis**

Lecturers: Sagar Ranka, MD

4:40 PM **Discussion**

NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 27TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM: HOT TOPICS

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 4:15 PM

Room 28D-E, Upper Level

Accreditation: CME,MOC,ASRT

2:00PM - 2:30 PM

Session I. PFO Closure Procedure

Moderators: Patricia Keegan

Discussants: Srihari S. Naidu, Martina Kelly Speight

2:00 PM **PFO Closure Pharmacology and Procedure**
Lecturers: Patricia Keegan

2:10 PM **PFO Closure Complications**
Lecturers: Srihari S. Naidu

2:20 PM **Roundtable Discussion with Audience QA**

2:30PM - 3:25 PM

Session II. Transcatheter Mitral Valve Repair

Moderators: Elizabeth M. Perpetua

Discussants: Julie Logan, Jason H. Rogers, Martina Kelly Speight

2:30 PM **Mitral Valve Disease 101 Today and Tomorrow**
Lecturers: Julie Logan

2:45 PM **Anatomical Assessment for the MitraClip**
Lecturers: Elizabeth M. Perpetua

3:00 PM **MitraClip Procedure and Complications**
Lecturers: Jason H. Rogers

3:15 PM **Roundtable Discussion with Audience QA**

3:25PM - 4:15 PM

Session III. Transcatheter Aortic Valve Therapies

Moderators: Martina Kelly Speight

Discussants: Marian C. Hawkey, Patricia Keegan, Jan Kovac

3:25 PM **DAPT and Anticoagulation Post TAVR: What is the Standard of Care**
Lecturers: Patricia Keegan

3:35 PM **Conduction Abnormalities After TAVR: Management Recommendations**
Lecturers: Marian C. Hawkey

3:45 PM **Clinical Impact of Valve Thrombosis After TAVR**
Lecturers: Martina Kelly Speight

3:55 PM **Diagnosing and Managing Perivalvular Leak in Post TAVR Patients**

Lecturers: Jan Kovac

4:05 PM **Roundtable discussion with audience QA**

7:10 PM **Whats the deal with ultrathin struts Biocompatibility.**

Lecturers: Thomas Pilgrim

7:25 PM **Discussion**

7:30 PM **Whats the deal with ultrathin struts Effective endothelialization.**

Lecturers: Clemens von Birgelen

7:45 PM **Discussion**

7:50 PM **Key learnings and take away**

Moderators: David E. Kandzari Discussants: David A. Cox, James B.

Hermiller Jr, David G. Rizik, Ron Waksman, Steven J. Yakubov

8:00 PM **Adjourn**

EVENING PROGRAMS

EVENING PROGRAM: THE APPROACH TO THE HIGH BLEEDING RISK PATIENT (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, BIOSENSORS, CELONOVA BIOSCIENCES, MEDTRONIC, AND ORBUSNEICH)

SUNDAY, SEPTEMBER 23, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 14-17, Level One

6:00PM - 6:30 PM

Check-in & Reception

6:30PM - 8:00 PM

The Approach to the High Bleeding Risk Patient

Co Chairs: Roxana Mehran, Philip M. Urban

Faculty: Dominick J. Angiolillo, Robert A. Byrne, Bimmer E. Claessen, Giuseppe De Luca, C. Michael Gibson, Ajay J. Kirtane, Mitchell W. Krucoff, Martin B. Leon, Gregg W. Stone, Robert W. Yeh

6:30 PM Welcome and Introductions

Lecturers: Philip M. Urban

8:00 PM Adjourn

EVENING PROGRAM: ULTRATHIN ORSIRO DES: NOVEL TECHNOLOGY, EYE-CATCHING CASES AND ROBUST EVIDENCE (SPONSORED BY BIOTRONIK)

SUNDAY, SEPTEMBER 23, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 23-26, Level One

6:00PM - 8:00 PM

Ultrathin Orsiro DES: Novel technology, eye-catching cases and robust evidence

Chairs: David E. Kandzari

Faculty: Sripal Bangalore, David A. Cox, James B. Hermiller Jr, Thomas Pilgrim, David G. Rizik, Ron Waksman, Steven J. Yakubov, Clemens von Birgelen

6:00 PM Dinner Reception

6:30 PM Meet BIOTRONIK VI

Lecturers: Ron Waksman

6:40 PM Product and data overview

Lecturers: David E. Kandzari

6:50 PM Whats the deal with ultrathin strutsThe facts.

Lecturers: Sripal Bangalore

7:05 PM Discussion

FDA TOWN HALL

FDA TOWN HALL MEETING PART 2: HOT TOPICS

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 6:00 PM

Room 29A-B, Upper Level

2:00PM - 2:52 PM

Session I. Sham Controlled Studies: Regulatory, Clinical, and Industry Perspectives

Moderators: Kenneth J. Cavanaugh Jr, Roxana Mehran

Discussants: Jeroen J. Bax, Anthony H. Gershlick, Steven L. Goldberg, David E. Kandzari, Ajay J. Kirtane, Hiren Mistry, Mark Reisman, Chuck Simonton, Gregg W. Stone

2:00 PM ORBITA One Year Later: What Would I Do Differently If Anything

Lecturers: Rasha Al-Lamee

2:08 PM Sham Controls in Renal Denervation Studies: Need to Have vs Nice to Have

Lecturers: David E. Kandzari

2:16 PM FDA Perspectives on Sham Controlled Trials

Lecturers: Hiren Mistry

2:24 PM Patient Perspectives on Sham Controlled Trials

Lecturers: Debbe McCall

2:32 PM Roundtable Discussion with Audience QA: Pros And Cons of Sham Controlled Trials

2:52PM - 3:25 PM

Session II. Accessory Devices for TAVR: Case Study Cerebral Embolic Protection Devices

Moderators: Jeffrey J. Popma, Changfu Wu

Discussants: Ori Ben-Yehuda, Kenneth J. Cavanaugh Jr, Hemal Gada, Philippe Genereux, Samir R. Kapadia, A. Pieter Kappetein, Jan Kovac, Alexandra J. Lansky, John C Laschinger, Steven J. Yakubov

2:52 PM Cerebral Embolic Protection for TAVR Procedures: A Critical Appraisal

Lecturers: Samir R. Kapadia

3:00 PM Cerebral Embolic Protection: Regulatory Perspectives

Lecturers: Kenneth J. Cavanaugh Jr

3:08 PM Roundtable Discussion with Audience QA: Safety and Effectiveness Considerations

3:25PM - 4:01 PM

Session III. Mitral Repair/Replacement Devices

Moderators: Michael J. Mack, Changfu Wu

Discussants: Howard C. Herrmann, John C Laschinger, Gidon Yehuda Perlman, Jaime Raben, Horst Sievert, Gregg W. Stone, Kartik Sundareswaran, Eric Vang, Bernard Vasseur

- 3:25 PM **Pivotal Transcatheter FMR Device Trials: Focus on COAPT and MITRA FR with Implications for Other Transcatheter Mitral Valve Device Investigations**
Lecturers: Gregg W. Stone
- 3:33 PM **Transcatheter Mitral Valve Replacement: Trial Design Considerations**
Lecturers: John C Laschinger
- 3:41 PM **Roundtable Discussion With Audience QA: How May Recent Trials Affect the Landscape**

4:01 PM - 4:37 PM

Session IV. Tricuspid Repair/Replacement Devices

Moderators: Jaime Raben, Josep Rodés-Cabau
Discussants: Vinayak Bapat, Rick Geoffrion, Stephen H. Little, Brij Maini, Christopher U. Meduri, Stanton J. Rowe, Maurizio Taramasso, Yan Topilsky, Bernard Vasseur, Bernard Zovighian

- 4:01 PM **Transcatheter Tricuspid Valve Therapies: Challenging Technologies and Clinical Trial Pathways**
Lecturers: Josep Rodés-Cabau
- 4:09 PM **Regulatory Considerations for Transcatheter Tricuspid Valve Therapies**
Lecturers: Bernard Vasseur
- 4:17 PM **Roundtable Discussion with Audience QA: Demonstrating safety and Efficacy for TR Reduction Therapies**

4:37 PM - 5:13 PM

Session V. Percutaneous Circulatory Support Devices: Clinical Needs, Payer Considerations, and Regulatory Challenges

Moderators: Nicole Ibrahim, David E. Kandzari
Discussants: Lauren S. Baker, Daniel Burkhoff, Ulrich P. Jorde, Navin K. Kapur, John C Laschinger, Michael R Minogue, Ileana L. Pina, Holger Thiele, Nir Uriel

- 4:37 PM **Are Randomized Trials Feasible for Percutaneous Mechanical Support Devices**
Lecturers: Holger Thiele
- 4:45 PM **Percutaneous Mechanical Support Devices for Shock and Pre Shock: Clinical and Regulatory Considerations**
Lecturers: John C Laschinger
- 4:53 PM **Roundtable Discussion With Audience QA: Reimbursement and Regulatory Challenges for Percutaneous Circulatory Support Devices**

5:13 PM - 6:00 PM

Session VI: Drug-Coated Balloons: Coronary and Peripheral Indications

Moderators: Juan F. Granada, Bruno Scheller
Discussants: Bernardo Cortese, Donald Cutlip, Alope V. Finn, Michael C. John, Alexandra J. Lansky, P.F. Adrian Magee, Jeff Mirviss, Semih Oktay, Sahil A. Parikh, Robert S. Schwartz, Eleni Whatley

- 5:13 PM **DCB for BTK: Clinical Challenges and Lessons Learned**
Lecturers: Sahil A. Parikh
- 5:21 PM **DCB for Coronary Artery Disease: In Stent Restenosis NSTEMI and Small Vessels**
Lecturers: Bruno Scheller
- 5:29 PM **FDA Perspectives on DCB in Coronary and Peripheral Interventions**
Lecturers: P.F. Adrian Magee
- 5:37 PM **Roundtable Discussion with Audience QA: Least Burdensome Trials to Demonstrate DCB Safety and Effectiveness**

EDITED TAPED CASES

EDITED TAPED CASES

SUNDAY, SEPTEMBER 23, 2018

2:30 PM - 4:40 PM

Presentation Theater 3, Exhibit Hall, Ground Level
Accreditation: CME, MOC

2:30 PM - 4:40 PM

Edited Taped Cases

Moderators: Stefan Harb, Chet Rihal
Discussants: Matthew J Daniels, Adam Janas, Simon Cheung-chi Lam, Jorge Palazuelos

- 2:30 PM **Intravascular Lithotripsy for a Severely Underexpanded Coronary Stent**
Case Presenter: Stuart Watkins
- 2:45 PM **Discussion and QA**
- 2:50 PM **Axillary Artery Access for Mechanical Circulatory Support in Patients with Prohibitive Peripheral Arterial Disease Undergoing High risk PCI**
Case Presenter: Amir Kaki
- 3:02 PM **Discussion**
- 3:10 PM **Self positioning Transspetal Puncture and Guidance System**
Case Presenter: Francesco Maisano
- 3:22 PM **Discussion**
- 3:30 PM **AltaValve TMVR**
Case Presenter: Josep Rodés-Cabau
- 3:42 PM **Discussion**
- 3:50 PM **Percutaneous Mitral Valve in valve Implanation with Sapien 3 Prostehsis in Failed Mosaic Surgical Valve Using the Transeptal Approach**
Lecturers: Caterina Gandolfo
- 4:02 PM **Discussion**
- 4:10 PM **Moderate Sedation Left Atrial Appendage Occlusion**
Case Presenter: Mohamad Adnan Alkhouli
- 4:30 PM **Discussion**

HEMODYNAMIC PAVILION

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #5 - LARGE BORE ACCESS AND CLOSURE

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Large Bore Access and Closure

- 8:00 AM **1. Access and Closure**
Interactive Training Faculty: Amir Kaki, Umamahesh C Rangasetty, Rajiv Tayal
- 8:30 AM **2. Percutaneous Axillary Access Large Bore Access and Closure: Overview**
Interactive Training Faculty: Amir Kaki, Umamahesh C Rangasetty, Rajiv Tayal
- 8:30 AM **3. Hands on Percutaneous Axillary Access Large Bore Access and Closure**

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #6 - CARDIOGENIC SHOCK (NCSI)

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Cardiogenic Shock: The National Cardiogenic Shock Initiative

Interactive Training Faculty: Navin K. Kapur, Ken Kasica, Brian D Porvin, Dan Raess

10:00 AM **Treating the Shock Patient: Choosing the Optimal Support Device**
Interactive Training Faculty: Navin K. Kapur

10:20 AM **ICU Management: Positioning Troubleshooting Escalation**
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

10:20 AM **NCSI: Improving Outcomes in Cardiogenic Shock**
Interactive Training Faculty: Ken Kasica, Brian D Porvin, Dan Raess

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #7 - HEMODYNAMICS OF SHOCK AND HIGH RISK PCI

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Introduction to TEACH: Training and Education in Advanced Cardiovascular Hemodynamics

Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:00 PM **Training and Education in Advanced Cardiovascular Hemodynamics: TEACH Intro**
Interactive Training Faculty: Daniel Burkhoff

2:20 PM **Simulated Cases High Risk Percutaneous Coronary Intervention**
Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

2:20 PM **Simulated Cases on Cardiogenic Shock**
Interactive Training Faculty: Daniel Burkhoff, A. Reshad Garan, Ken Kasica, Salvatore F Mannino, Perwaiz M. Meraj, D. Lynn Morris, Brian D Porvin, Dan Raess

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #8 - COMPLEX PROTECTED PCI

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

High Risk Percutaneous Coronary Intervention

Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

4:00 PM **Complex Protected PCI: Patient Identification**
Interactive Training Faculty: Hiram G. Bezerra

4:20 PM **Insertion Repositioning Hands On**
Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

4:20 PM **Simulated Cases on High Risk Percutaneous Coronary Intervention**
Interactive Training Faculty: Colin Hirst, Ken Kasica, Paul D. Mahoney, Dan Raess, Adhir Shroff

SPECIAL@TCT SESSIONS

SPECIAL @TCTSESSION: CACI@TCT

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

Room 25A-B, Upper Level

Accreditation: CME, MOC

2:00 PM - 3:30 PM

CACI At TCT 2018. PCI In Stable Angina: Why Is ORBITA Not the Last Nail For Coronary Angioplasty?

Moderators: Anibal A. Damonte, Diego D Grinfeld, Alfredo E. Rodriguez

2:00 PM **Introduction and Session Objectives**
Lecturers: Anibal A. Damonte

2:03 PM **Role of PCI In Stable Angina Patients**
Lecturers: Omar Anibal Santaera

2:13 PM **Roundtable Discussion With Audience QA**

2:18 PM **Case Presentation 1: PCI in Stable Angina**
Case Presenter: Guillermo Migliaro

2:23 PM **Roundtable Discussion With Audience QA**

2:26 PM **What Are the Lasting Clinical Implications Of the ORBITA Trial**
Lecturers: John A. Ambrose

2:36 PM **Roundtable Discussion With Audience QA**

2:41 PM **Case Presentation 2: PCI in Stable Angina**
Lecturers: Ruben A. Piraino

2:46 PM **Roundtable Discussion With Audience QA**

2:49 PM **SCAI Position Statements On The Role Of PCI In Stable Angina After ORBITA**
Lecturers: David A. Cox

2:59 PM **Roundtable Discussion With Audience QA**

3:04 PM **Case Presentation 3: PCI In Stable Angina**
Case Presenter: Antonio A Pocovi

3:09 PM **Roundtable Discussion With Audience QA**

SPECIAL @TCTSESSION: GISE@TCT

SUNDAY, SEPTEMBER 23, 2018

2:30 PM - 4:00 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC

2:30PM - 4:00 PM

GISE@TCT: Case-Based Debates in Patients With High-Bleeding Risk Undergoing PCI

Moderators: George D. Dangas, Giuseppe Tarantini

Discussants: Steven R. Bailey, Giovanni Esposito, Juan F. Granada, Roxana

Mehran, Francesco Saia

2:30 PM Introduction And Session Goals

Lecturers: Giuseppe Tarantini

2:35 PM Case 1 Introduction: A High Bleeding Risk Patient With Afib And ACS Requiring PCI And Oral Anticoagulant Therapy

Case Presenter: Usman Baber

2:40 PM Roundtable Discussion With Audience QA

2:50 PM How Would I Treat This Patient

Lecturers: Alessio G La Manna

2:55 PM How Would I Treat This Patient

Lecturers: Juan F. Granada

3:00 PM Case 1 Conclusion: How Did I Actually Treat This Patient

Case Presenter: Usman Baber

3:10 PM Consensus: PCI Considerations In The High Bleeding Risk Patient With Chronic CAD

Lecturers: Giuseppe Tarantini

3:17 PM Case 2 Introduction: A Patient With Chronic CAD At High Bleeding Risk Requiring PCI

Case Presenter: Giulio Stefanini

3:22 PM Roundtable Discussion With Audience QA

3:32 PM How Would I Treat This Patient

Lecturers: Dominick J. Angiolillo

3:37 PM How Would I Treat This Patient

Lecturers: Ugo Limbruno

3:42 PM Case 2 Conclusion: How Did I Actually Treat This Patient

Case Presenter: Giulio Stefanini

3:47 PM Consensus: Considerations In The High Bleeding Risk Patient Requiring PCI And Oral Anticoagulant Therapy

Lecturers: Roxana Mehran

3:55 PM Conclusions And Take Home Messages

Lecturers: Giuseppe Tarantini

LBCT DISCUSSIONS

DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS II

SUNDAY, SEPTEMBER 23, 2018

3:45 PM - 5:00 PM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

3:45PM - 5:00 PM

Discussions With the Late Breaking Trial Principal Investigators II

Moderators: Andreas Baumbach, Stephan Windecker

Discussants: Robert J. Gil, Mitchell W. Krucoff, Frederick G. St. Goar

3:45 PM LEADERS FREE II: Summary and Clinical Implications

Lecturers: Mitchell W. Krucoff

3:50 PM Discussion

Discussants: Mitchell W. Krucoff

4:00 PM SORT OUT IX: Summary and Clinical Implications

Lecturers: Lisette Okkels Jensen

4:05 PM Discussion

Discussants: Lisette Okkels Jensen

4:15 PM SOLVE TAVI: Summary and Clinical Implications

Lecturers: Holger Thiele

4:20 PM Discussion

Discussants: Holger Thiele

4:30 PM REDUCE FMR: Summary and Clinical Implications

Lecturers: Horst Sievert

4:35 PM Discussion

Discussants: Horst Sievert

4:45 PM COAPT: Summary and Clinical Implications

Lecturers: Gregg W. Stone

4:50 PM Discussion

Discussants: Gregg W. Stone

ABBOTT PAVILION

TRAINING: ABBOTT PAVILION #6 - LARGE BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED!!) TO KNOW

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

Large Bore Access to Close: What You Want (and Need!!) to Know

Interactive Training Faculty: Paul D. Mahoney, Adhir Shroff

8:00 AM Introduction: Access Planning and Management of ComplicationsReview

8:20 AM Hands on Device Deployment

TRAINING: ABBOTT PAVILION #7 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON SKILLS LAB

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Now That I See It, I Know How to Treat It! A Hands-on Skills Lab

Interactive Training Faculty: Ziad A. Ali, Kevin J. Croce, Vamsi Krishnsa, Gabriel Tensol Rodrigues Pereira, Armando Vergara-Martel

10:00 AM **OCT: Now that I see It.. Presentation**

TRAINING: ABBOTT PAVILION #8 - PFO CLOSURE: RECENT DATA, TECHNIQUES, AND BEST PRACTICES FOR MANAGING PATIENTS

SUNDAY, SEPTEMBER 23, 2018

12:00 PM - 1:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM

PFO Closure: Recent Data, Techniques, and Best Practices for Managing Patients

Interactive Training Faculty: Zahid Amin, Patrick A. Calvert, John M. Lasala, Igal Maarof, Rodrigo Nieckel da Costa, Jens Erik Nielsen-Kudsk

12:00 PM **Introduction**

12:05 PM **PFO Closure: Recent Data Techniques and Best Practices for Managing Patients**

TRAINING: ABBOTT PAVILION #9 - MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

MitraClip NTR & XTR: Device & Procedural Techniques

Interactive Training Faculty: Gorav Ailawadi, Anita Asgar, Wayne B. Batchelor, Bassem Chehab, Paolo Denti, Rodrigo Estevez-Loureiro, George Gellert, James B. Hermiller Jr, Paul D. Mahoney, Moody M Makar, Ahmed I Mustafa, Vivek Rajagopal, Michael J. Rinaldi, David G. Rizik, Gagan D Singh, Maurizio Taramasso

2:00 PM **Introduction**

2:05 PM **Didactic Device Overview**

2:25 PM **Hands On Device Deployment**

TRAINING: ABBOTT PAVILION #10 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER'S GUIDE TO GUIDE WIRE TECHNOLOGY

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

Guidewire Design and Selection: A Hands-on User's Guide to Guide Wire Technology

Interactive Training Faculty: David Daniels, Jack Hall, Amir Kaki, William Nicholson, Robert F. Riley

4:00 PM **Introduction**

4:05 PM **Didactic on Guidewire Building Blocks and WH wires**

4:15 PM **Hands on Workhorse Wires Activity**

4:30 PM **Polymer Jacketed Wires Overview and Hands on Activity**

4:50 PM **Extra SupportSpecialty wires Overview and Hands on Activity**

5:10 PM **Wiggle wire Overview and Hands on Activity**

BOSTON SCIENTIFIC PAVILION

TRAINING: BOSTON SCIENTIFIC PAVILION #6 - LAA: WATCHMAN

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

LAA: Watchman

Interactive Training Faculty: Shephal Doshi, George S. Hanzel, Saibal Kar

8:00 AM **Latest Watchman Clinical Data and Procedural Tips and Tricks**

TRAINING: BOSTON SCIENTIFIC PAVILION #7 - LAA: WATCHMAN

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

LAA: Watchman

Interactive Training Faculty: Megan Coylewright, Shephal Doshi, George S. Hanzel

10:00 AM **Latest Watchman Clinical Data and Procedural Tips and Tricks**

TRAINING: BOSTON SCIENTIFIC PAVILION #8 - LAA: WATCHMAN

SUNDAY, SEPTEMBER 23, 2018

12:00 PM - 1:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00PM - 1:30 PM

LAA: Watchman

Interactive Training Faculty: Steven L. Almany, Shephal Doshi

12:00 PM Latest Watchman Clinical Data and Procedural Tips and Tricks

TRAINING: BOSTON SCIENTIFIC PAVILION #9 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System

Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer, Saib Khogali

2:00 PM Introduction to LOTUS Edge: Technology and Case Reviews

2:15 PM QA

2:20 PM Introduction to ACURATE neo2: Technology and Case Reviews

2:35 PM QA

2:40 PM Introduction to Sentinel Embolic Protection Device

2:50 PM QA

TRAINING: BOSTON SCIENTIFIC PAVILION #10 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System

Interactive Training Faculty: Alexandre Abizaid, Daniel J. Blackman, Vijay Iyer

4:00 PM Introduction to LOTUS Edge: Technology and Case Reviews

4:15 PM QA

4:20 PM Introduction to ACURATE neo2: Technology and Case Reviews

4:35 PM QA

4:40 PM Introduction to Sentinel Embolic Protection Device

MEDTRONIC PAVILION

TRAINING: MEDTRONIC PAVILION #6 - STRUCTURAL HEART: TAVR IN BICUSPID AORTIC VALVE TRAINING WORKSHOP

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Structural Heart: TAVR in Bicuspid Aortic Valve Training Workshop

Interactive Training Faculty: Basel Ramlawi

10:00 AM Introduction

10:05 AM Overview of Bicuspid Aortic Valve Disease State

10:25 AM Identification and Classification of Bicuspid Aortic Valves

10:45 AM Sizing methodology controversies and Procedural Considerations for Performing TAVR in Bicuspid

TRAINING: MEDTRONIC PAVILION #7 - STRUCTURAL HEART: AORTIC ViV TRAINING WORKSHOP

SUNDAY, SEPTEMBER 23, 2018

12:00 PM - 1:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00PM - 1:30 PM

Structural Heart: Aortic ViV Training Workshop

Interactive Training Faculty: Basel Ramlawi

12:00 PM Introduction

12:05 PM Interactive Case Presentation ViV in Stented Surgical Valves

12:35 PM Wetlab: Surgical Valve Implant Considerations

1:10 PM Device Re capture Mitigation of Coronary Occlusion and

TRAINING: MEDTRONIC PAVILION #8 - STRUCTURAL HEART: CONFRONTING THE PATIENT WITH CORONARY ARTERY DISEASE AND AORTIC STENOSIS

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Structural Heart: Confronting the Patient With Coronary Artery Disease and Aortic Stenosis

Interactive Training Faculty: Harold L. Dauerman

2:00 PM **Introduction>Welcome Remarks**

2:05 PM **Appropriate treatment pathway for patients presenting with both CAD and AS**

2:05 PM **Case base Discussion**

2:05 PM **Initial Treatment Decisions and Considerations**

TRAINING: MEDTRONIC PAVILION #9 - EV: IDENTIFYING SUPERFICIAL VENOUS DISEASE AND TREATMENT OPTIONS

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

EV: Identifying Superficial Venous Disease and Treatment Options

Interactive Training Faculty: Robert E Foster, Jon C. George, Maja Zaric

4:00 PM **Introduction**

4:05 PM **Didactic Presentation: Understanding Venous Disease Treatment Options for Your Patient**

CHIP PAVILION

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #5 - CORONARY CALCIUM SOLUTIONS

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:00 AM

CHIP - Advanced PCI Techniques Pavilion #5 - Coronary Calcium Solutions

Interactive Training Faculty: Kevin J. Croce, Thom G Dahle, Tony J. DeMartini, Robert F. Riley, Jasvinder Singh, Ramzan Zakir

8:00 AM - 8:45 AM

Rapid Fire Case Presentations

8:00 AM **When and How to Use Coronary Atherectomy and The Importance of Stent Underexpansion in Addition to Device Delivery**
Interactive Training Faculty: Jasvinder Singh

8:10 AM **The Use of Imaging to Assist With Calcium Management**

Interactive Training Faculty: Rajeev Narayan

8:20 AM **Tips and Tricks to Guide and Extension Management**

Interactive Training Faculty: Tony J. DeMartini

8:35 AM **Calcium Complications and Bailout Situations**

Interactive Training Faculty: Ramzan Zakir

8:45 AM - 9:30 AM

Hands-on Rotations Between Boston Scientific, CSI, and Abiomed

8:45 AM **Abiomed: Impella Family of Devices**

Interactive Training Faculty: Thom G Dahle, Tony J. DeMartini

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #6 - CORONARY CALCIUM SOLUTIONS

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

CHIP - Advanced PCI Techniques Pavilion #6 - Coronary Calcium Solutions

Interactive Training Faculty: Mark C. Bieniarz, Thom G Dahle, Tony J. DeMartini, Prashant Kaul, James M. McCabe, Perwaiz M. Meraj, Rajeev Narayan, Sandeep Nathan, Brian P O'Neill, Robert F. Riley

10:00 AM - 10:45 AM

Rapid Fire Case Presentations

10:00 AM **When and How to Use Coronary Atherectomy and the Importance of Stent Underexpansion in Addition to Device Delivery**
Interactive Training Faculty: Rajeev Narayan

10:10 AM **The Use of Imaging to Assist With Calcium Management**
Interactive Training Faculty: Prashant Kaul

10:20 AM **Tips and Tricks to Guide and extension Management**
Interactive Training Faculty: Mark C. Bieniarz

10:30 AM **Calcium Complications and Bailout Situations**
Interactive Training Faculty: Brian P O'Neill

10:45 AM - 11:30 AM

Hands-on Rotations Between Boston Scientific, CSI, Abiomed

10:45 AM **Abiomed Featured Devices: Impella Family of Devices**

Interactive Training Faculty: Thom G Dahle, Tony J. DeMartini

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #7 - TEACHING OLD DOGS NEW TRICKS

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

CHIP - Advanced PCI Techniques Pavilion #7 - Teaching Old Dogs New Tricks

Interactive Training Faculty: Mark C. Bieniarz, Dimitrios Bliagos, Emmanouil S. Brilakis, Jeff Chambers, Kevin J. Croce, Duane S. Pinto, Robert F. Riley, Kintur Sanghvi

2:00PM - 2:45 PM

Rapid Fire Case Presentations

2:00 PM **Troubleshooting Common Problems in Complex PCI: When the Guide Wont Engage When the Lesion or Branch Cant Be Wired Open Vessel When the Balloon Wont Cross When the Stent Doesnt Expand Non Coaxial and Co Axial Anchoring**

Lecturers: Annapoorna Kini

2:12 PM **Radial Tips and Tricks**

Interactive Training Faculty: Kintur Sanghvi

2:22 PM **Crossing and Delivery Issues**

Interactive Training Faculty: Dimitrios Bliagos

2:32 PM **Complications Management**

Interactive Training Faculty: Mohan Nair

2:45PM - 3:30 PM

Hands-on Rotations Between Boston Scientific, Medtronic, and Teleflex

2:45 PM **Medtronic Inc. Featured Device: Radial Guides Onyx Simulator and Videos for loops**

Interactive Training Faculty: Mark C. Bieniarz, Azeem Latib, Kintur Sanghvi

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #8 - TEACHING OLD DOGS NEW TRICKS

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

CHIP - Advanced PCI Techniques Pavilion #8 - Teaching Old Dogs New Tricks

Interactive Training Faculty: Dimitrios Bliagos, Kevin J. Croce, Fausto Feres, Pravin K Goel, Farouc A Jaffer, Ashish Pershad, Duane S. Pinto, William A Rollefson, Daniel H. Steinberg, Junjie Zhang

4:00PM - 4:45 PM

Rapid Fire Case Presentations

4:00 PM **Radial Tips and Tricks**

Interactive Training Faculty: William A Rollefson

4:10 PM **Crossing and Delivery Issues**

Interactive Training Faculty: Ashish Pershad

4:20 PM **Troubleshooting Common Problems in Complex PCI: When the Guide Wont Engage When the Lesion or Branch Cant Be Wired Open Vessel When the Balloon Wont Cross When the Stent Doesnt Expand Non Coaxial and Co Axial Anchoring**

Interactive Training Faculty: Pravin K Goel

4:32 PM **Complications Management**

Interactive Training Faculty: Junjie Zhang

4:45PM - 5:30 PM

Hands-on Rotations Between Boston Scientific Corporation, Medtronic Inc.,and TDB

4:45 PM **Medtronic Inc. Featured Device: Radial Guides Onyx Simulator and Videos for loops**

Interactive Training Faculty: Francesco Burzotta, Fausto Feres, Junjie Zhang

ENDOVASCULAR PAVILION

TRAINING: ENDOVASCULAR PAVILION #5 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session I

Interactive Training Faculty: S. Hinan Ahmed, Danielle Bajakian, Subhash Banerjee, George S Chrysant, Mahir Elder, Peter M Farrugia, Bryan T. Fisher, Beau Hawkins, Vishal Kapur, S. Jay Mathews, Carlos I. Mena-Hurtado, Peter P. Monteleone, Craig M. Walker

8:00 AM **Introduction: Introducing Unmet Needs Complex Lesions Definitive Treatment Options and Debulking**

8:10 AM **Rotation 1: Definitive Treatment Options Featuring Abbott**

Interactive Training Faculty: Danielle Bajakian, Peter M Farrugia, Craig M. Walker

8:30 AM **Rotation 2: Definitive Treatment Options and Debulking Featuring BSC**

Interactive Training Faculty: George S Chrysant, Beau Hawkins, S. Jay Mathews

8:50 AM **Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic**

Interactive Training Faculty: S. Hinan Ahmed, Subhash Banerjee, Peter P. Monteleone

9:10 AM **Rotation 4: Debulking Featuring CSI**

Interactive Training Faculty: Mahir Elder, Bryan T. Fisher, Vishal Kapur

TRAINING: ENDOVASCULAR PAVILION #6 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session II

Interactive Training Faculty: George L Adams, Mohammad Mehdi Ansari, Ehrin J. Armstrong, Subhash Banerjee, Eric J. Dippel, Peter M Farrugia, Dmitriy N. Feldman, Bryan T. Fisher, Beau Hawkins, Ethan C Korngold, Carlos I. Mena-Hurtado

10:00 AM **Introduction: Introducing Unmet Needs Definitive Treatment Options Debulking and Complex Lesions**

- 10:10 AM **Rotation 1: Definitive Treatment Options Featuring Abbott**
Interactive Training Faculty: Mohammad Mehdi Ansari, Peter M Farrugia, Ethan C Korngold
- 10:30 AM **Rotation 2: Definitive Treatment Options and Debulking Featuring BSC**
Interactive Training Faculty: Ehrin J. Armstrong, Bryan T. Fisher
- 10:50 AM **Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic**
Interactive Training Faculty: Subhash Banerjee, Eric J. Dippel, Dmitriy N. Feldman
- 11:10 AM **Rotation 4: Debulking Featuring CSI**
Interactive Training Faculty: George L Adams, Beau Hawkins, Carlos I. Mena-Hurtado

TRAINING: ENDOVASCULAR PAVILION #7 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

ENDOASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session III

Interactive Training Faculty: Samer Abbas, George L Adams, Mohammad Mehdi Ansari, Ehrin J. Armstrong, Anvar Babaev, Eric J. Dippel, Peter M Farrugia, Ethan C Korngold, S. Jay Mathews, Mitul Patel, Mitchell Weinberg

- 2:00 PM **Introduction: Introducing Unmet Needs Definitive Treatment Options Debulking and Complex Lesions**
- 2:10 PM **Rotation 1: Definitive Treatment Options Featuring Abbott**
Interactive Training Faculty: Peter M Farrugia, Ethan C Korngold
- 2:30 PM **Rotation 2: Definitive Treatment Options and Debulking Featuring BSC**
Interactive Training Faculty: Mohammad Mehdi Ansari, Anvar Babaev, S. Jay Mathews
- 2:50 PM **Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic**
Interactive Training Faculty: Samer Abbas, Mitul Patel, Mitchell Weinberg
- 3:10 PM **Rotation 4: Definitive Treatment Options and Complex Lesions Featuring Cook**
Interactive Training Faculty: George L Adams, Ehrin J. Armstrong, Eric J. Dippel

TRAINING: ENDOVASCULAR PAVILION #8 - SFA INTERVENTION, COMPLEX LESIONS, DEBULKING, AND DEFINITIVE THERAPY

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

ENDOASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

SFA Intervention: De-bulking, Complex Lesions, and Definitive Therapy Session IV

Interactive Training Faculty: Samer Abbas, Mohammad Mehdi Ansari, Anvar Babaev, Lawrence A. Garcia, S. Jay Mathews, Carlos I. Mena-Hurtado, Mitul Patel, Mitchell Weinberg, Ramzan Zakir

- 4:00 PM **Introduction: Introducing Unmet Needs Definitive Treatment Options Debulking and Complex Lesions**

- 4:10 PM **Rotation 1: Definitive Treatment Options Featuring Abbott**
Interactive Training Faculty: Mohammad Mehdi Ansari, Ramzan Zakir
- 4:30 PM **Rotation 2: Definitive Treatment Options and Debulking Featuring BSC**
Interactive Training Faculty: S. Jay Mathews, Mitul Patel
- 4:50 PM **Rotation 3: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic**
Interactive Training Faculty: Samer Abbas, Anvar Babaev, Mitchell Weinberg
- 5:10 PM **Rotation 4: Definitive Treatment Options and Complex Lesions Featuring Cook**
Interactive Training Faculty: Lawrence A. Garcia, Carlos I. Mena-Hurtado, Virendra I Patel

IMAGING PAVILION

TRAINING: INTERVENTIONAL IMAGING PAVILION #5 - FUSION IMAGING FOR PARAVALVULAR LEAK

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

8:00AM - 9:30 AM

Fusion Imaging for Paravalvular Leak

Interactive Training Faculty: Sameer Gafoor, Chad Kliger, Priti Mehla, Rahul Sharma, Torsten P. Vahl, Alan Vainrib

TRAINING: INTERVENTIONAL IMAGING PAVILION #6 - FUSION IMAGING FOR PARAVALVULAR LEAK

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

10:00AM - 11:30 AM

Fusion Imaging for Paravalvular Leak

Interactive Training Faculty: Chad Kliger, Priti Mehla, Rahul Sharma, Gagan D Singh, Alan Vainrib

TRAINING: INTERVENTIONAL IMAGING PAVILION #7- ADVANCED IMAGING FOR VALVE-IN-VALVE

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

2:00PM - 3:30 PM

Advanced Imaging for Valve-in-Valve

Interactive Training Faculty: Omar K. Khaliq, Rahul Sharma, Torsten P. Vahl

TRAINING: INTERVENTIONAL IMAGING PAVILION #8 - ADVANCED IMAGING FOR VALVE-IN-VALVE

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

4:00PM - 5:30 PM

Advanced Imaging for Valve-in-Valve

Interactive Training Faculty: Omar K. Khaliq, Rahul Sharma, Torsten P. Vahl

2:00PM - 3:30 PM

Understanding THV Hemodynamics and Durability

Interactive Training Faculty: Rebecca T. Hahn, Philippe Pibarot, Vinod H. Thourani

TRAINING: TAVR PAVILION #8 - ADVANCING EFFICIENCY IN TAVR

SUNDAY, SEPTEMBER 23, 2018

4:00 PM - 5:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Advancing Efficiency in TAVR

Interactive Training Faculty: Anita Asgar, David J. Cohen, James L. Velianou, David A. Wood

TAVR PAVILION

TRAINING: TAVR PAVILION #5 - WHAT MATTERS MOST FOR AS PATIENTS

SUNDAY, SEPTEMBER 23, 2018

8:00 AM - 9:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

What Matters Most for AS Patients

Interactive Training Faculty: Amr Abbas, Philippe Pibarot, Michael J. Rinaldi, Vinod H. Thourani, Neil J. Weissman

TRAINING: TAVR PAVILION #6 - HOW TO APPROACH AORTIC AND MITRAL VALVE-IN-VALVE

SUNDAY, SEPTEMBER 23, 2018

10:00 AM - 11:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

How to Approach Aortic and Mitral Valve-in-Valve

Interactive Training Faculty: Vasilis Babaliaros, Bassem Chehab, Adam B. Greenbaum, Mayra Guerrero, Paul D. Mahoney

TRAINING: TAVR PAVILION #7 - UNDERSTANDING THV HEMODYNAMICS AND DURABILITY

SUNDAY, SEPTEMBER 23, 2018

2:00 PM - 3:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

MONDAY, SEPTEMBER 24, 2018

BREAKFAST PROGRAMS

BREAKFAST PROGRAM: CBCEC INITIATIVE (SPONSORED BY CBCEC)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

26A-B

BREAKFAST PROGRAM: CHAT-WITH-EXPERTS: DAPT STRATEGIES FOR MANAGING HIGH-BLEEDING RISK DES PATIENTS (SPONSORED BY ABBOTT)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 30D-E, Upper Level

6:30AM - 8:00 AM

Chat-With-Experts: DAPT Strategies for Managing High-Bleeding Risk DES Patients

Faculty: Alope V. Finn, Roxana Mehran, Stephan Windecker

6:30 AM Check in Breakfast

7:00 AM Welcome
Lecturers: Roxana Mehran

7:05 AM Current Challenges in Managing HBR Patients and the Role of DES
Lecturers: Stephan Windecker

7:10 AM Impact of DES Design on Short DAPT Duration

Lecturers: Alope V. Finn

7:15 AM **Live QA with Panel Faculty**

Lecturers: Alope V. Finn, Roxana Mehran, Stephan Windecker

7:55 AM **Closing Remarks**

Lecturers: Roxana Mehran

BREAKFAST PROGRAM: CORONARY-DRUG COATED BALLOONS: EMERGING CLINICAL USES AND FUTURE DIRECTIONS (SPONSORED BY CRF, SUPPORTED BY B. BRAUN INTERVENTIONAL SYSTEMS, INC. AND MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 24A-B, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

Coronary Drug-Coated Balloons: Emerging Clinical Uses and Future Directions

Co Chairs: Juan F. Granada, Bruno Scheller

Faculty: Fernando Alfonso, Bernardo Cortese, Raban Jeger, MD

7:00 AM **DCB for Treatment of Coronary ISR: Review of Literature in Comparison With DES**

Lecturers: Fernando Alfonso

7:08 AM **DCB Only Application in SVD: Insight From the BASKET SMALL 2 Trial**

Lecturers: Raban Jeger, MD

7:16 AM **DCB Only Application in High Bleeding Risk DEBUT and ACS PEPCAD NSTEMI**

Lecturers: Bruno Scheller

7:24 AM **Moderated Discussion**

7:32 AM **DCB Coronary in the US: Challenges and Opportunities**

Lecturers: Bruno Scheller

7:40 AM **Innovations in Local Drug and Dedicated Delivery Technologies**

Lecturers: Juan F. Granada

7:48 AM **Moderated Discussion**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: INTERVENTIONAL THERAPIES FOR HYPERTENSION - CURRENT EVIDENCE AND CONTROVERSIES (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 23B-C, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

Interventional Therapies for Hypertension: Current Evidence and Controversies

Co Chairs: Juan F. Granada, Ajay J. Kirtane, Martin B. Leon

Faculty: David E. Kandzari, Felix Mahfoud, Michael A. Weber

7:00 AM **Welcome and Introductions**

Lecturers: Martin B. Leon

7:02 AM **Preclinical Advances in the Understanding of Interventional Hypertension Therapies**

Lecturers: Felix Mahfoud

7:14 AM **Moderated Discussion**

7:19 AM **In Case You Missed It: Whats Happened So Very Recently in Renal Denervation**

Lecturers: Ajay J. Kirtane

7:31 AM **On Meds or Off Meds: What is the Sweet Spot for Device Based Hypertension Therapies**

Lecturers: Michael A. Weber

7:42 AM **Regulatory and Reimbursement Challenges for Hypertension Therapies: My Crystal Ball for the Next 5 10 Years**

Lecturers: David E. Kandzari

7:54 AM **Moderated Discussion**

8:00 AM **Adjourn**

BREAKFAST PROGRAM: LEFT MAIN SYMPOSIUM: LEADING THE WAY IN LEFT MAIN (SPONSORED BY INDIA MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 28D-E, Upper Level

6:30 AM - 8:00 AM

Left Main Symposium: Leading the Way in Left Main

Faculty: Manoj Kumar Agarwala, Praveer Aggarwal, MD, Antonio Colombo, Pravin K Goel, Rajneesh Kapoor, MD, Prathap Kumar, SK Malani, MD, Fazila T. Malik, Gary S. Mintz, Mohan Nair, Nikhil Parchure, Sai Satish, Mir Jamal Uddin, MD

6:30 AM **Check in Breakfast**

7:00 AM **Leading the Way in Left Main: Symposium Objective**

Moderators: Antonio Colombo, Gary S. Mintz

7:03 AM **Left Main Bifurcation: Current Perspective in 2018**

Lecturers: Mohan Nair

7:13 AM **Tips Tricks to Do Left Main PCI**

Lecturers: Fazila T. Malik

7:23 AM **Case: Left Main Bifurcation Tap Technique**

Lecturers: Rajneesh Kapoor, MD

7:31 AM **Case: Imaging Guided Left Main PCI**

Lecturers: Nikhil Parchure

7:39 AM **Case: Left Main A Different Kind of Animal**

Lecturers: Sai Satish

7:47 AM **Case: Calcified LMCA**

Live Case Moderators: Prathap Kumar

BREAKFAST PROGRAM: THE CARILLON MITRAL CONTOUR SYSTEM: RESHAPING THE COURSE OF FMR (SPONSORED BY CARDIAC DIMENSIONS)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 28A-B, Upper Level

6:30 AM - 8:00 AM

The Carillon Mitral Contour System: Reshaping the Course of FMR

Chairs: Horst Sievert

Faculty: Steven L. Goldberg, Samir R. Kapadia, Martin B. Leon, Klaus Witte, MBBS, MRCP, MD, FESC, FACC

6:30 AM **Check in Breakfast**

7:00 AM **Highlights from Late Breaking Clinical Trials: FMR Studies**

7:10 AM **A Heart Failure Physicians Perspective on FMR**

Lecturers: Klaus Witte, MBBS, MRCP, MD, FESC, FACC

7:25 AM **Insights on the REDUCE FMR Trial: A Randomized Sham Controlled Trial**

Lecturers: Horst Sievert

7:45 AM **The CARILLON Trial: A Randomized Sham controlled IDE Trial**

Lecturers: Samir R. Kapadia

7:55 AM **Summary of FMR Trials**

Lecturers: Steven L. Goldberg

BREAKFAST PROGRAM: UNDERSTANDING THE CROWDED LANDSCAPE OF PERCUTANEOUS MITRAL INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY ABBOTT)

MONDAY, SEPTEMBER 24, 2018

6:30 AM - 8:00 AM

Room 25A-B, Upper Level

6:30 AM - 7:00 AM

Check-In & Breakfast

7:00 AM - 8:00 AM

Understanding the Crowded Landscape of Percutaneous Mitral Interventions

Chairs: Ted Feldman

Faculty: William T. Abraham, Paul Sorajja

7:00 AM **Welcome**

Lecturers: Ted Feldman

7:05 AM **Status of MitraClip Therapy in US Practice: Real World Practice and Outcomes**

Lecturers: Paul Sorajja

7:20 AM **COAPT Mitra France and Reshape: Latest Trial Results for Transcatheter Repair for FMR**

Lecturers: William T. Abraham

7:35 AM **Future Directions: Impact of Trial Results on Patient Selection Next Gen Repair Devices and Role of Mitral Replacement**

Lecturers: Ted Feldman

7:50 AM **Roundtable Discussion with Audience QA**

8:00 AM **Adjourn**

MAIN ARENA

MAIN ARENA III, MONDAY, SEPT. 24

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 1:05 PM

Main Arena, Hall F, Ground Level

Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 9:30 AM

Live Cases #5

Live Case Moderators: Martin B. Leon

Live Case Co Moderators: Saibal Kar

Live Case Discussants: Saif Anwaruddin, Nirat Beohar, Anthony N. DeMaria, Amir Kaki, Azeem Latib, Robert J. Lederman, Brij Maini, Simon Redwood, Wilson Y. Szeto

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Eisuke Usui

8:00 AM **Heart Center Bonn University Hospital Bonn Germany**

Live Case Operators: Eberhard Grube, Georg Nickenig

8:45 AM **St. Pauls Hospital Vancouver BC**

Live Case Operators: John G. Webb, David A. Wood

9:30 AM - 10:00 AM

Rapid Fire Case Controversies: Endovascular

Moderators: Sahil A. Parikh, Christopher J. White

Discussants: Vikas Aggarwal, J. Michael Bacharach, Brian G. DeRubertis, Virendra I Patel, Mahmood K. Razavi, Rahul Sakhuja, Ramon L Varcoe, Craig M. Walker

9:30 AM **The Other Type Of Aortic Stenosis: Complex Aortoiliac Occlusive Disease**

Case Presenter: Ehrin J. Armstrong

9:40 AM **Long Calcified SFA Chronic Occlusion**

Case Presenter: Lawrence A. Garcia

9:50 AM **Complex Multilevel Critical Limb Ischemia**

Case Presenter: Robert A. Lookstein

10:00 AM - 10:15 AM

TCT 2018 Linnemeier Young Investigator Award

Moderators: Gregg W. Stone

Discussants: Lorenzo Azzalini, Salvatore Brugaletta, Philipp Lurz, Luis Nombela-Franco

10:00 AM **TCT 2018 Linnemeier Young Investigator Award**
Lecturers: Gregg W. Stone

10:15 AM - 10:20 AM

TCT 2018 Shark Tank Winner

Award Presenters: Juan F. Granada, Robert S. Schwartz

10:15 AM **Shark Tank Winner Presentation**

Lecturers: Juan F. Granada

10:20 AM - 11:20 AM

Late-Breaking Trials 4

Moderators: Gregg W. Stone

Co Moderator: C. Michael Gibson

Discussants: Takashi Akasaka, John A. Ambrose, Deepak L. Bhatt, David Erlinge, John McB. Hodgson, Ryan D. Madder, Gary S. Mintz, James E. Muller, Freck W.A. Verheugt

10:20 AM **ULTIMATE: A Randomized Trial of Intravascular Ultrasound Guidance of Coronary Drug Eluting Stent Implantation in an All Comers Patient Population**

Lecturers: Junjie Zhang

10:32 AM **Roundtable Discussion**

10:40 AM **LRP: Assessment of Coronary Near Infrared Spectroscopy Imaging to Detect Vulnerable Plaques and Vulnerable Patients**

Lecturers: Ron Waksman

10:52 AM **Roundtable Discussion**

11:00 AM **OAC ALONE: A Randomized Trial of Oral Anticoagulation With vs Without Single Antiplatelet Therapy in Patients With Atrial Fibrillation Beyond One Year After Coronary Stent Implantation**

Lecturers: Yukiko Nakano

11:12 AM **Roundtable Discussion**

11:20 AM - 12:05 PM

Live Cases #6

Live Case Moderators: Gregg W. Stone

Live Case Co Moderators: David H. Adams

Live Case Discussants: Jonathon A. Leipsic, Scott Lim, Randolph P. Martin, David W.M. Muller, Michael J. Reardon, Robert J. Siegel, Horst Sievert, Paul Sorajja, Mathew Williams

Factoid Faculty: Christine J. Chung, Amirali Masoumi, Megha Prasad, Sabato Sorrentino, Eisuke Usui

11:20 AM **NYPHColumbia University Medical Center New York NY**

Live Case Operators: Michael Collins, Rebecca T. Hahn, Dimitri Karpaliotis, Susheel K. Kodali, Nicholas J. Lembo, Manish A. Parikh

12:05 PM - 1:05 PM

Late-Breaking Clinical Science 2, Co-Sponsored by The European Heart Journal

Moderators: Jeroen J. Bax

Co Moderator: Bernard J. Gersh

Discussants: David A Baran, Pawel E. Buszman, Robert A. Byrne, Jeff Chambers, Stephen G. Ellis, Stuart J. Head, Niels R. Holm, Ran Kornowski, Ulf Landmesser, Alexandra J. Lansky, Perwaiz M. Meraj

12:05 PM **FAST FFR: Accuracy of Fractional Flow Reserve Derived From Coronary Angiography**

Lecturers: William F. Fearon

12:15 PM **Roundtable Discussion**

12:20 PM **PREPARE CALC: A Randomized Trial of High speed Rotational Atherectomy Prior to Drug Eluting Stent Implantation in Severely Calcified Coronary Lesions**

Lecturers: Gert Richardt

12:30 PM **Roundtable Discussion**

12:35 PM **SYNTAXES: Ten Year Follow up From a Randomized Trial of Drug Eluting Stents vs Bypass Surgery in Patients With Left Main and Triple Vessel Disease Preliminary Results**

Lecturers: Daniel J.F.M. Thuijs

12:45 PM **Roundtable Discussion**

12:50 PM **MAIN COMPARE: Ten Year Follow up From a Nonrandomized Trial of Drug Eluting Stents vs Bypass Surgery in Patients With Left Main Disease**

Lecturers: Seung-Jung Park

1:00 PM **Roundtable Discussion**

LIVE CASE THEATER

LIVE CASE THEATER V, MONDAY, SEPTEMBER 24

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 12:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

8:00 AM - 10:00 AM

Session I. Live Cases: ENDO

Live Case Moderators: Gary M. Ansel

Live Case Co Moderators: Stephen R. Ramee

Live Case Discussants: Herbert D. Aronow, Somjot S. Brar, Alex Chebl, Richard R. Heuser, Vishal Kapur, Hugo F. Londero, Krishna J. Rocha-Singh, Darren B Schneider, Mehdi H. Shishehbor, Jose M. Wiley

Factoid Faculty: Matthew T Finn, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz

8:00 AM **University Hospital Leipzig Leipzig Germany**

Live Case Operators: Sven Braunlich, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt, Mathias Ulrich

9:00 AM **University Hospital Leipzig Leipzig Germany**

Live Case Operators: Sven Braunlich, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt, Mathias Ulrich

10:00 AM - 12:00 PM

Session II. Live Cases: SHD

Live Case Moderators: Ted Feldman

Live Case Co Moderators: Hüseyin Ince

Live Case Discussants: Paolo Denti, Chandan Devireddy, Mackram F. Eleid, Stephen H. Little, Ganesh Manoharan, Joachim Schofer, Richard Smalling, Molly Szerlip, Dee Dee Wang

Factoid Faculty: Matthew T Finn, Mahesh V Madhavan, Amirali Masoumi, Masahiko Noguchi, Evan Shlofmitz, Sabato Sorrentino

10:00 AM **Heart Center Bonn University Hospital Bonn Germany**
Live Case Operators: Eberhard Grube, Georg Nickenig

11:00 AM **St. Pauls Hospital Vancouver BC Canada**
Live Case Operators: Anson Cheung, John G. Webb

LIVE CASE THEATER VI, MONDAY, SEPTEMBER 24

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 6:00 PM

Ballroom 20, Upper Level

Accreditation: CME,ASRT,MOC,CNE

2:00 PM - 4:00 PM

Session I. Live Cases: Imaging/CTO/CHIP

Live Case Moderators: Gerald S. Werner

Live Case Co Moderators: Alaide Chieffo

Live Case Discussants: Patricia J. Best, Matthias Götzberg, Michalis Hamilos, Evelyn Regar, Habib Samady, A.J. Conrad C. Smith, Christian M. Spaulding, S C Wong, Masahisa Yamane

Factoid Faculty: Amirali Masoumi, Masahiko Naguchi, Megha Prasad, Evan Shlofmitz, Eisuke Usui

2:00 PM **St. Francis Hospital Long Island NY Imaging**

Live Case Operators: Allen Jeremias, Richard Shlofmitz

Guest Operators: Jeffrey W. Moses

3:00 PM **NYPHColumbia University Medical Center New York NY CTOCHIP**

Live Case Operators: Michael Collins, Rebecca T. Hahn, Dimitri

Karpaliotis, Nicholas J. Lembo, Manish A. Parikh

4:00 PM - 6:00 PM

Session II. Live Cases: CHIP/Imaging

Live Case Moderators: Paul S. Teirstein

Live Case Co Moderators: Morton J. Kern

Live Case Discussants: Carlo Di Mario, Lei Ge, Omer Goktekin, Ioannis Iakovou, Tullio Palmerini, David G. Rizik, Richard A. Schatz, Ashok Seth, Jasvinder Singh

Factoid Faculty: Amirali Masoumi, Masahiko Naguchi, Megha Prasad, Evan Shlofmitz, Eisuke Usui

4:00 PM **St. Francis Hospital Long Island NY CHIP**

Live Case Operators: Allen Jeremias, Richard Shlofmitz

Guest Operators: Jeffrey W. Moses

5:00 PM **NYPHColumbia University Medical Center New York NY**

Live Case Operators: Ziad A. Ali, Dimitri Karpaliotis, Nicholas J.

Lembo, Manish A. Parikh

KEYNOTE PRESENTATION THEATER

KEYNOTE INTERVENTIONAL STUDIES VII: STRUCTURAL HEART INTERVENTIONS II

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:00 AM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

8:00 AM - 9:00 AM

Keynote Interventional Studies VII: Structural Heart Interventions II

Moderators: Charles J. Davidson, Francesco Maisano

Discussants: Stephan Baldus, Peter C. Block, Joseph P. Carrozza Jr, Howard C. Herrmann, Dharam J. Kumbhani, Vinod H. Thourani, E. Murat Tuzcu, Mathew Williams

8:00 AM **TENDYNE Transcatheter Mitral Prosthesis: Long term Results From the First 100 Patients Enrolled in the Global Feasibility Study**
Lecturers: Paul Sorajja

8:10 AM **Discussion**

8:15 AM **SAPIEN M3 Transcatheter Mitral Valve Replacement System: 30 Day Outcomes From the US Early Feasibility Study**
Lecturers: Raj Makkar

8:25 AM **Discussion**

8:30 AM **DIRECT: A Randomized Trial Evaluating Predilatation Prior to Implantation of a Self Expanding Transcatheter Heart Valve in Patients With Severe Aortic Stenosis**
Lecturers: Konstantinos Toutouzas

8:40 AM **Discussion**

8:45 AM **CENTER Collaboration II: Incidence Predictors and Outcomes of Stroke in Patients Undergoing Transcatheter Heart Valve Implantation for Severe Aortic Stenosis**
Lecturers: Wieneke Vlastra

8:55 AM **Discussion**

KEYNOTE INTERVENTIONAL STUDIES VIII: PHARMACOTHERAPY TRIALS AND HIGH BLEEDING RISK PATIENTS

MONDAY, SEPTEMBER 24, 2018

9:00 AM - 10:15 AM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

9:00 AM - 10:15 AM

Keynote Interventional Studies VIII: Pharmacotherapy Trials and High Bleeding Risk Patients

Moderators: Dominick J. Angiolillo, Neal S. Kleiman

Discussants: Tayo A. Addo, Dimitrios Alexopoulos, Dmitriy N. Feldman, Hyeon-Cheol Gwon, Kurt Huber, Norman E. Lepor, Roxana Mehran, Thomas D. Stuckey

9:00 AM **GLOBAL LEADERS: A Randomized Trial of Ticagrelor Monotherapy After PCI Patient Oriented Clinical Outcomes and Net Adverse Cardiovascular Events**
Lecturers: Patrick W. Serruys

9:10 AM **Discussion**

9:15 AM **GLOBAL LEADERS: First Report of the Results in ACS and Non ACS Subgroups**
Lecturers: Pascal Vranckx

9:25 AM **Discussion**

- 9:30 AM **HEALING AMI: A Randomized Trial of Ticagrelor to Improve Left Ventricular Remodeling in ST Segment Elevation Myocardial Infarction**
Lecturers: Yongwhi Park
- 9:40 AM **Discussion**
- 9:45 AM **SECURE PCI: Impact of Timing of Atorvastatin Loading Dose in Patients Undergoing PCI for Acute Coronary Syndromes**
Lecturers: Renato D. Lopes
- 9:55 AM **Discussion**
- 10:00 AM **EVOLVE SHORT DAPT: Three Month Outcomes on Dual Antiplatelet Therapy in a High Bleeding Risk Population Treated With a Bioresorbable Polymer Based Drug Eluting Stent**
Lecturers: Ajay J. Kirtane
- 10:10 AM **Discussion**

KEYNOTE INTERVENTIONAL STUDIES IX: FOUR FASCINATING AND VERY DIFFERENT STUDIES

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Ballroom 6A, Upper Level

Accreditation: CME,MOC

1:00PM - 2:00 PM

Keynote Interventional Studies IX: Four Fascinating and Very Different Studies

Moderators: John A. Bittl, Bernard J. Gersh

Discussants: Ronak Delewi, Dharam J. Kumbhani, Thomas D. Stuckey, Jennifer A. Tremmel

- 1:00 PM **REDUCE HTN: REINFORCE: A Sham Controlled Off Med Randomized Trial of Renal Denervation for Treatment of Hypertension**
Lecturers: Michael A. Weber
- 1:10 PM **Discussion**
- 1:15 PM **ARCUS: Comprehensive Assessment of Upper Extremity Function After Transradial PCI**
Lecturers: A.J.J. IJsselmuiden
- 1:25 PM **Discussion**
- 1:30 PM **TAKOTSUBO SWEDEHEART: Effects of Pharmacological Interventions on Mortality in Patients With Takotsubo Syndrome**
Lecturers: Elmir Omerovic
- 1:40 PM **Discussion**
- 1:45 PM **CEREBRIA 1: Machine Learning vs Expert Human Opinion to Determine Physiologically Optimized Coronary Revascularization Strategies**
Lecturers: Justin E. Davies
- 1:55 PM **Discussion**

DIDACTIC SESSIONS

DIDACTIC SESSION: PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 12:00 PM

Room 2, Upper Level

Accreditation: CME,MOC,ASRT

8:00AM - 9:00 AM

Session I. Non-invasive Imaging to Guide Revascularization

Moderators: Pamela S. Douglas, Javier Escaned

Discussants: Colin Berry, Nick Curzen, Paul Knaapen, Ran Kornowski, Michael Mooney

- 8:00 AM **Physiology Case Vignette 1: Pulling the FFRCT RIPCORD**
Case Presenter: Nick Curzen
- 8:05 AM **Relative Diagnostic performance of Non Invasive Tests Versus FFR: The PACIFIC Study.**
Lecturers: Paul Knaapen
- 8:13 AM **FFRCT: From PLATFORM to PRECISE**
Lecturers: Pamela S. Douglas
- 8:21 AM **FFRCT: Interactive Virtual Stenting and DECISION**
Lecturers: Gregg W. Stone
- 8:29 AM **FFRCT in Everyday Practice TODAY: A How to Guide**
Lecturers: Michael Mooney
- 8:37 AM **Cardiac MRI as Physiologic Gatekeeper: The MR INFORM Trial**
Lecturers: Colin Berry
- 8:45 AM **Physiology Case Vignette 2: Angiography Derived FFR**
Case Presenter: Ran Kornowski
- 8:50 AM **Roundtable Discussion With Audience QA**

9:00AM - 10:00 AM

Session II. Fractional Flow Reserve (FFR) to Guide Revascularization

Moderators: William F. Fearon, Nils Johnson

Discussants: Jung-Min Ahn, Thomas Engstrøm, Ole Frøbert, Habib Samady, Eric Van Belle, Frederik M. Zimmermann

- 9:00 AM **Physiology Case Vignette 3: FFR Guidance in Multivessel Disease**
Case Presenter: Eric Van Belle
- 9:05 AM **Can FFR Guided PCI Reduce Death and MI**
Lecturers: Frederik M. Zimmermann
- 9:15 AM **FFR Artifacts Failures and Troubleshooting**
Lecturers: Thomas Engstrøm
- 9:25 AM **Physiology Case Vignette 4: FFR Assessment of an ACS Non Culprit Lesion**
Case Presenter: Niels van Royen
- 9:30 AM **FFR in Non Culprit ACS Lesions: What To Do Before FULL REVASC**
Lecturers: Felix Bohm
- 9:40 AM **FFR After PCI: Should We REACT**
Lecturers: Zsolt Piroth
- 9:50 AM **Roundtable Discussion With Audience QA**

10:00AM - 11:00 AM

Session III. Resting Physiology to Guide Revascularization

Moderators: Justin E. Davies, Matthias Götzberg

Discussants: Joseph P. Carrozza Jr, Michalis Hamilos, Leandro I Lasave, Samer Mansour, Sukhjinder S Nijjer, Seung-Jung Park, Andrew Sharp

- 10:00 AM **Physiology Case Vignette 5: Utilization of iFR in Complex PCI**
Case Presenter: Seung-Jung Park
- 10:05 AM **Is iFR Guided Revascularization Effective and Cost Saving**
Lecturers: Matthias Götzberg
- 10:15 AM **Diastolic Pressure Ratios dPR: Implications for Physiology and Practice**
Lecturers: Nils Johnson
- 10:25 AM **Physiology Case Vignette 6: Tandem Lesions**
Lecturers: Andrew Sharp
- 10:30 AM **Pullback Assessment At Rest: Spot the Problem**
Lecturers: Justin E. Davies
- 10:40 AM **Clinical Conundrum: When Resting and Hyperemic Pressure Indices Disagree**
Lecturers: Tim P. Van de Hoef
- 10:50 AM **Roundtable Discussion With Audience QA**

11:00AM - 12:00 PM

Session IV. Invasive Flow Assessment to Guide Revascularization

Moderators: Morton J. Kern, Jan J. Piek

Discussants: Rasha Al-Lamee, Giuseppe De Luca, Ole Fröbert, Zsolt Piroth, Afzalur Rahman, Tim P. Van de Hoef

- 11:00 AM **Physiology Case Vignette 7: Combined PressureFlow in Practice**
Case Presenter: Morton J. Kern
- 11:05 AM **When Pressure and Flow Disagree: The DEFINE FLOW Trial.**
Lecturers: Jan J. Piek
- 11:15 AM **Absolute Flow and Resistance as an Everyday Tool: Technique and Applications**
Lecturers: Eric Van Belle
- 11:25 AM **Physiology Case Vignette 8: IMR Made the Diagnosis**
Case Presenter: Afzalur Rahman
- 11:30 AM **Utility of IMR in Stable Angina and in STEMI Culprits**
Lecturers: William F. Fearon
- 11:40 AM **Assessing Chest Pain With Invasive Physiology: Lessons From Orbita and Other Studies**
Lecturers: Rasha Al-Lamee
- 11:50 AM **Roundtable Discussion With Audience QA**

- 8:00 AM **Data Analysis: The Big Three Trials** Decision CTO EURO CTO OPEN CTO
Lecturers: Ajay J. Kirtane

9:00AM - 10:30 AM

Session II. Procedural Basics

Moderators: Khalid Omar Tammam, R. Michael Wyman

Discussants: Ravi S. Hira, Ungi Imre, Arun Kalyanasundaram, Arasi Maran, Mitul Patel, Julia Seeger, Masahisa Yamane

- 9:00 AM **The 2018 Essential Toolbox for CTO PCI: Wires Micro Catheters and Other Ancillary Devices**
Lecturers: Robert F. Riley
- 9:10 AM **Innovation in CTO PCI: Why Are We Getting Better**
Lecturers: Masahisa Yamane
- 9:20 AM **Roundtable Discussion With Audience QA**
- 9:30 AM **Basic Principles of Wire Manipulation**
Lecturers: William L. Lombardi
- 9:40 AM **Roundtable Discussion With Audience QA**
- 9:45 AM **Angiogram Performance and Evaluation for the CTO Operator: Proximal Cap Distal Cap Lesion Length and Collateral Assessment**
Lecturers: Margaret B. McEntegart
- 9:55 AM **Roundtable Discussion With Audience QA**
- 10:00 AM **Contemporary Antegrade Dissection and Re Entry: Step by Step Technique**
Lecturers: Ashish Pershad
- 10:10 AM **Roundtable Discussion With Audience QA**
- 10:15 AM **The Retrograde Approach: Step by Step Instructions**
Lecturers: William Nicholson
- 10:25 AM **Roundtable Discussion With Audience QA**

10:30AM - 12:00 PM

Session III. CTO Trouble Shooting and Algorithms for Success

Moderators: Javier Escaned, Gerald S. Werner

Discussants: Mauro Carlino, Omer Goktekin, Sanjog Kalra, Vincent On-Hing Kwok, S C Wong, Luiz F Ybarra

- 10:30 AM **Roundtable Discussion With Audience QA**
- 10:35 AM **ADR is not Working: What Now**
Lecturers: Tony J. DeMartini
- 10:45 AM **Roundtable Discussion With Audience QA**
- 10:50 AM **The Wire Has Crossed the Collateral but the Microcatheter Wont: Next Steps**
Lecturers: Ashish Pershad
- 11:00 AM **Roundtable Discussion With Audience QA**
- 11:05 AM **The REVERSE CART is Not Working: What Now**
Lecturers: Masahisa Yamane
- 11:15 AM **Roundtable Discussion With Audience QA**
- 11:20 AM **Hemodynamic Support for CTO PCI: Who When and How**
Lecturers: James M. McCabe

DIDACTIC SESSION: THE CTO SUMMIT, PART 1: EVIDENCE, TECHNIQUE, AND PROGRAM BUILDING

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 12:00 PM

Room 5, Upper Level

Accreditation: CME,MOC,ASRT

8:00AM - 9:00 AM

Session I. CTO PCI in 2018: Controversial Data and Debates

Moderators: John A. Spertus, Robert W. Yeh

Discussants: Carlo Di Mario, J. Aaron Grantham, Vasilios Papademetriou, Barry D. Rutherford, Carlos E. Uribe, Gerald S. Werner

- 11:30 AM **Wire Crosses Proximal Cap but the Proximal or Distal Cap is Uncrossable or Undilatable: What Now**
Lecturers: Robert F. Riley
- 11:40 AM **Roundtable Discussion With Audience QA**
- 11:45 AM **Failing with Style: The Concept of the Sub Intimal Plaque Modification SPM and STAR With Deferred Stenting**
Lecturers: Patrick J Goleski
- 11:55 AM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: TRANSCATHETER MITRAL VALVE THERAPIES, PART 2 - TRANSCATHETER MITRAL VALVE REPLACEMENT (TMVR)

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 12:25 PM

Room 1, Upper Level

Accreditation: CME,MOC,ASRT

8:00 AM - 8:57 AM

Session I. TMVR Patient Selection/Trial Design

Moderators: David H. Adams, Shmuel Banai

Discussants: Anita Asgar, Steven F. Bolling, Ted Feldman, Mark Goldberger, Alexander Lauten, Raj Makkar, Patrick T. O'Gara, Ralph Stephan von Bardeleben

- 8:00 AM **Why TMVR for Secondary MR May Not Be Enough: Its a Disease of the Left Ventricle Not the Mitral Valve**
Lecturers: JoAnn Lindenfeld
- 8:07 AM **TMVR for Secondary MR: Why Elimination of MR Can Be Beneficial**
Lecturers: William T. Abraham
- 8:14 AM **The Essentials of CT Imaging for TMVR**
Lecturers: Jonathon A. Leipsic
- 8:21 AM **Adverse Outcomes in Early Feasibility TMVR Studies: Is it the Patient the Device or the Implant Technique**
Lecturers: Molly Szerlip
- 8:28 AM **Transcatheter Repair or Replacement for Secondary MR Risk Benefit Analysis**
Lecturers: Jason H. Rogers
- 8:35 AM **Should and Will COAPT Affect TMVR Trial Design and Patient Recruitment**
Lecturers: Michael J. Mack
- 8:42 AM **Roundtable Discussion With Audience QA**

8:57 AM - 10:34 AM

Session II. Early TMVR Feasibility and Pivotal Trials

Moderators: Michael J. Mack, David W.M. Muller

Discussants: Gregory P. Fontana, Raj Makkar, Bernard Prendergast, Jason H. Rogers, Paul Sorajja, Rashmi Yadav

- 8:57 AM **Intrepid: Device Attributes Implant Procedure Clinical Results and APOLLO Design and Status**
Lecturers: Michael J. Reardon
- 9:07 AM **Tendyne: Device Attributes Implant Procedure Clinical Results and SUMMIT Design and Status**

Lecturers: Gorav Ailawadi

- 9:17 AM **Tiara: Device Attributes Implant Procedure and Clinical Results**
Lecturers: Shmuel Banai
- 9:25 AM **HighLife: Device Attributes Implant Procedure and Clinical Results**
Lecturers: Ruediger S. Lange
- 9:33 AM **Cephea: Device Attributes Implant Procedure and First in Human PLAN**
Lecturers: Juan F. Granada
- 9:41 AM **CardiAQ: Device Attributes Implant Procedure and Early Results**
Lecturers: Molly Szerlip
- 9:49 AM **Sapien M3: Device Attributes Implant Procedure and Early Results**
Lecturers: Raj Makkar
- 9:57 AM **Caisson: Device Attributes Implant Procedure and Early Results**
Lecturers: Mathew Williams
- 10:05 AM **CardioValve: Device Attributes Implant Procedure and Early Results**
Lecturers: Francesco Maisano
- 10:12 AM **ALTA Valve: Device Attributes Implant Procedure and First in Human**
Lecturers: Philippe Genereux
- 10:19 AM **Roundtable Discussion With Audience QA**

10:34 AM - 11:27 AM

Session III. Complications of TMVR: What Can Go Wrong?

Moderators: James B. Hermiller Jr, Wilson Y. Szeto

Discussants: Khalil Fattouch, Sameer Gafoor, Adam B. Greenbaum, Roger J. Laham, Ruediger S. Lange, Rashmi Yadav

- 10:34 AM **The Panorama of Expected and Unexpected Complications of TMVR**
Lecturers: Paul Sorajja
- 10:44 AM **Case Presentation: Paravalvular Leak With Hemolysis**
Case Presenter: Roger J. Laham
- 10:52 AM **Case Presentation: Deterioration of LV Systolic Function Worsened Heart Failure Despite Successful TMVR**
Case Presenter: Alfredo Trento
- 11:00 AM **Case Presentation: Left Ventricular Outflow Tract Obstruction**
Case Presenter: Jaffar M Khan
- 11:08 AM **The LAMPOON Procedure: Description and Clinical Outcomes**
Lecturers: Robert J. Lederman
- 11:15 AM **Roundtable Discussion With Audience QA**

11:27 AM - 12:25 PM

Session IV. TMVR Potpourri and Future Directions

Moderators: Howard C. Herrmann, Vinod H. Thourani

Discussants: Julia Baron, Andrea Colli, Jan Kovac, Thomas Modine, Maurizio Taramasso, Hendrik Treede, Alfredo Trento

- 11:27 AM **Moving From Transapical to Transseptal Implantation: What Are the Technical and Anatomic Challenges and Will We Get There**
Lecturers: Jason H. Rogers
- 11:34 AM **Addressing the Hurdles: Emerging Devices and Novel Valve Designs**

Lecturers: Vinod H. Thourani

- 11:42 AM **Approaches to Severe Mitral Annular Calcification: Transcatheter Repair or Replacement**
Lecturers: Mayra Guerrero
- 11:52 AM **Update on Valve in Valve and Valve in Ring Outcomes**
Lecturers: Danny Dvir
- 12:02 PM **Outcomes of TMVR for Degenerated Biprostheses Failed Annuloplasty Rings and Mitral Annular Calcification**
Lecturers: Raj Makkar
- 12:12 PM **Roundtable Discussion and Wrap Up**

DIDACTIC SESSION: VASCULAR ACCESS AND INTERVENTION: RADIAL ACCESS AND BEYOND

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 12:00 PM

Room 6D, Upper Level

Accrediation: CME,MOC,ASRT

8:00AM - 9:00 AM

Session I. Step by Step Fundamentals ☑ Radial and Ulnar Approach

Moderators: Olivier F. Bertrand, Sunil V. Rao

Discussants: Mirvat Alasnag, Jay Bagai, Binita Shah, Adhir Shroff, Jennifer A. Tremmel, Mladen I. Vidovich

- 8:00 AM **Radial Access Techniques Including LDTRA and Emerging Large Bore**
Lecturers: Rajiv Gulati
- 8:12 AM **Distal Radial vs Transradial Access Success and Complications: The D.A.T.A. Study**
Lecturers: Sanjay Kumar Chugh
- 8:20 AM **Strategies to Traverse the Arm and Chest Vessels**
Lecturers: Robert J. Applegate
- 8:28 AM **Radial Access and CHIP: Are They Compatible**
Lecturers: Prashant Kaul
- 8:36 AM **Special Populations for Radial Access: Post mastectomy ESRD and Shock**
Lecturers: Ian C. Gilchrist
- 8:44 AM **Ulnar Access: Why When and How**
Lecturers: Sunil V. Rao
- 8:52 AM **Roundtable Discussion With Audience QA**

9:00AM - 10:00 AM

Session II. Femoral and Alternative Access

Moderators: James M. McCabe, Toby Rogers

Discussants: Robert J. Applegate, Adam B. Greenbaum, Cindy L. Grines, Zachary Steinberg, Jennifer A. Tremmel, Zoltan G. Turi

- 9:00 AM **Primer on Ultrasound Guided Arterial Access Radial Ulnar LDTRA Femoral and Pedal: A Primer**
Lecturers: Kathleen E. Kearney
- 9:10 AM **Large Bore Femoral Access and Pre Closure**
Lecturers: Curtiss T. Stinis

9:20 AM **Primer on Transcaval Access**

Lecturers: Jaffar M Khan

9:30 AM **Primer on Percutaneous Axillary**

Lecturers: Rajiv Tayal

9:40 AM **Addressing the Achilles Heel of Each Alternative Access Method**

Lecturers: James M. McCabe

9:50 AM **Roundtable Discussion With Audience QA**

10:00AM - 11:00 AM

Session III. Bleeding and Closure

Moderators: Kimberly A. Skelding, Robert W. Yeh

Discussants: Mirvat Alasnag, Rodrigo Bagur, Pablo Lamelas, Perwaiz M. Meraj, Christopher Pyne, Sunil V. Rao

- 10:00 AM **Radial Hemostasis and Preserving Radial Patency**
Lecturers: Samir B. Panchoy
- 10:10 AM **Current Generation Closure Devices How Do They Work Are There Any Data to Compare Them**
Lecturers: Zoltan G. Turi
- 10:20 AM **Closure Devices vs. Manual Pressure for Standard Sheaths Radial and Femoral What Are the Data**
Lecturers: Robert W. Yeh
- 10:30 AM **Update on Next Generation Closure Devices**
Lecturers: Itshac Itsik Ben-dor
- 10:40 AM **Do Femoral Skills Suffer at High Volume Radial Centers**
Lecturers: Pinak B. Shah
- 10:50 AM **Roundtable Discussion With Audience QA**

11:00AM - 12:00 PM

Session IV. Access Site Complications: Tips and Tricks

Moderators: Fernanda Nunez, Binita Shah

Discussants: Keith B. Allen, Usman Baber, Yuji Ikari, Duane S. Pinto, Sheila Sahni, Yader Sandoval

- 11:00 AM **Femoral Access Nightmares: Dealing With Complications**
Lecturers: Itshac Itsik Ben-dor
- 11:10 AM **I Have Large Bore Femoral Access But the Patient Has No Distal Perfusion**
Lecturers: Amir Kaki
- 11:20 AM **Dealing With Radial and Ulnar Access Site Complications**
Lecturers: Mauricio G. Cohen
- 11:30 AM **My Closure Device Didnt Work What Now**
Lecturers: Khaldoon Alaswad
- 11:40 AM **Can I Put a Covered Stent Across This Joint Space or Do I Need to Call a Surgeon**
Lecturers: Beau Hawkins
- 11:50 AM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: INTERVENTIONAL THERAPIES FOR ARTERIAL HYPERTENSION - RENAL DENERVATION AND BEYOND

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 6:01 PM

Room 6D, Upper Level

Accrediation: CME,MOC,ASRT

2:00 PM - 2:43 PM

Session I. Hypertension 2018 Update

Moderators: Vasilios Papademetriou, Paul A. Sobotka

Discussants: Chee Tang Chin, Gerardo Payro, C. Venkata S. Ram, Kintur Sanghvi, Mitchell Weinberg, Nattawut Wongraparut

- 2:00 PM **Hypertension 2018 Update: From Ambulatory Monitoring to Definitional Controversies and More**
Lecturers: Michael A. Weber
- 2:10 PM **2018 European Guidelines and Perspectives on Hypertension**
Lecturers: Adam Witkowski
- 2:17 PM **Have the New U.S. Hypertension Guidelines and Treatment Targets Meaningfully Changed Care Pathways and Practice**
Lecturers: Paul A. Sobotka
- 2:24 PM **Uncontrolled Hypertension or Non Compliant Patient Assessment Scope of the Problem and Implications**
Lecturers: C. Venkata S. Ram
- 2:31 PM **Roundtable Discussion With Audience QA**

2:43 PM - 3:23 PM

Session II. Management of Hypertension: Treatment Options

Moderators: Mark C. Bates, Bernard J. Gersh

Discussants: Herbert D. Aronow, Joost Daemen, Justin E. Davies, Franz X. Kleber, Melvin D. Lobo, Farrell O. Mendelsohn

- 2:43 PM **Potential Interventions for Hypertensive Patients With HFpEF**
Lecturers: Franz X. Kleber

3:23 PM - 5:06 PM

Session III. Renal Denervation in 2018: What Have We Learned?

Moderators: Felix Mahfoud, Krishna J. Rocha-Singh

Discussants: David E. Kandzari, Philipp Lurz, Boris Rudenko, Robert L. Wilensky, Adam Witkowski, Wojtek Wojakowski

- 3:23 PM **Results and Update From the SPYRAL Hypertension Program OFF MED and ON MED Trials**
Lecturers: David E. Kandzari
- 3:34 PM **Results and Update From the Paradise Hypertension Program OFF MED and ON MED Studies**
Lecturers: Ajay J. Kirtane
- 3:45 PM **Results and Update From the Vessix RE INFORCE Program**
Lecturers: Martin B. Leon
- 3:56 PM **Alcohol Mediated Renal Denervation Current Status and US Pivotal Trial Plans**
Lecturers: Felix Mahfoud
- 4:03 PM **Clinical Trials All Look Positive: Is Renal Denervation Ready for Clinical Practice Now**
Lecturers: Chandan Devireddy
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:23 PM **Who are the Ideal Candidates for Renal Denervation**
Lecturers: Andrew Sharp
- 4:30 PM **Predicting Responders vs Non Responders How to Solve the Unmet Need**

Lecturers: Justin E. Davies

- 4:37 PM **Sensing Renal Nerve Activity Before During and After Denervation: Autonomix**
Lecturers: Robert S. Schwartz
- 4:44 PM **Sensing Renal Nerve Activity Before During and After Denervation: SyMap**
Lecturers: Jie Wang
- 4:51 PM **Roundtable Discussion With Audience QA**

5:06 PM - 6:01 PM

Session IV. Device-Based Hypertension Therapies Beyond Renal Denervation

Moderators: Mark C. Bates, Farrell O. Mendelsohn

Discussants: Steven L. Almany, Stefan C. Bertog, Daniel Burkhoff, Joost Daemen, Chandan Devireddy, Piotr Jankowski

- 5:06 PM **Targets for Device Based Hypertension Treatments Beyond the Kidneys: Physiology Revisited**
Lecturers: Farrell O. Mendelsohn
- 5:14 PM **Carotid Sinus Endovascular Baroreflex Amplification Vascular Dynamics MobiusHD: Current Status**
Lecturers: Gregg W. Stone
- 5:22 PM **Transcatheter Carotid Body Denervation Cibiem: Extended Follow Up and Future Directions**
Lecturers: Felix Mahfoud
- 5:30 PM **AV Fistula Creation ROX Coupler: Efficacy and Safety Results**
Lecturers: Krishna J. Rocha-Singh
- 5:38 PM **Pacemaker Mediated Hypertension Treatment BackBeat: First in Man Results and Ongoing Plans**
Lecturers: Daniel Burkhoff
- 5:46 PM **Roundtable Discussion With Audience QA**

DIDACTIC SESSION: LEFT ATRIAL APPENDAGE CLOSURE IN NONVALVULAR ATRIAL FIBRILLATION

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 6:00 PM

Room 2, Upper Level

Accreditation: CME, MOC, ASRT

2:00 PM - 3:24 PM

Session 1: Decisions and Practical Considerations

Moderators: James B. Hermiller Jr, David Hildick-Smith

Discussants: Stefan C. Bertog, Patrick A. Calvert, Ted Feldman, Sameer Gafoor, Habib Gamra, George S. Hanzel, Petr Neuzil

- 2:00 PM **Stroke Etiology LAA Closure and the Therapeutic Landscape: A Neurologists Perspective**
Lecturers: David E. Thaler
- 2:10 PM **Debate: Is LAA Closure a Valid Alternative for Patients With No or Mild Contraindications to Anticoagulants No NOACs Are Strongly Preferred to LAA Closure**
Lecturers: Freek W.A. Verheugt
- 2:18 PM **Debate: Is LAA Closure a Valid Alternative for Patients with No or Mild Contraindications to Anticoagulants Yes LAA Closure Reduces Hemorrhagic Stroke and Mortality And Nearly Everyone Has a Reason Not to Take Oral Anticoagulants**

Lecturers: David R. Holmes Jr.

2:26 PM **Shared Decision making in NVAf: The Patients Perspective**

Lecturers: Megan Coylewright

2:34 PM **Roundtable Discussion With Audience QA**

2:46 PM **Essential of Pre procedural Imaging and Intra procedural Guidance**

Lecturers: Jacqueline Saw

2:56 PM **Adjunctive Pharmacology Following LAA Closure in Anticoagulant Indicated and Contraindicated Patients**

Lecturers: Martin W. Bergmann

3:04 PM **Managing a Busy LAA Closure Program: Patient Selection Education Consent Screening and Periprocedural Care**

Lecturers: George S. Hanzel

3:12 PM **Roundtable Discussion With Audience QA**

3:24PM - 4:35 PM

Session 2: Ongoing Investigations in LAA Closure

Moderators: Vivek Y. Reddy, Brian K. Whisenant

Discussants: Maurice Buchbinder, David R. Holmes Jr., Ulf Landmesser, Randall J. Lee, Matthew J. Price, Michael J. Rinaldi

3:24 PM **The LAAO Registry: Overview Data Adjudication and Emerging Insights**

Lecturers: Paul D. Varosy

3:34 PM **FDA Perspectives on New Devices and Indications for LAA Closure**

Lecturers: Andrew Farb

3:44 PM **The Watchman Platform ASAP Too and Flex: Rationale Device and Overview of the Trials**

Lecturers: Vivek Y. Reddy

3:54 PM **The Amulet Platform Experience and US Pivotal Trial**

Lecturers: Apostolos Tzikas

4:04 PM **The WaveCrest Device and US Pivotal Trial**

Lecturers: Gregg W. Stone

4:12 PM **The Watch TAVR Trial: Rationale Design and Status**

Lecturers: Samir R. Kapadia

4:20 PM **Roundtable Discussion With Audience QA**

4:35PM - 6:00 PM

Session 3: Established and Emerging Devices

Moderators: Saibal Kar, Horst Sievert

Discussants: Philippe Garot, Jan Kovac, Ashish Pershad, Ramon Quesada, Peter B. Sick, Brian K. Whisenant

4:35 PM **Optimal Technique and Tips for Watchman Implantation**

Lecturers: Saibal Kar

4:45 PM **Optimal Technique and Tips for Amulet Implantation**

Lecturers: Horst Sievert

4:55 PM **Cardia: Differentiating Features Technique and Outcomes**

Lecturers: Reda Ibrahim

5:05 PM **SeaLA: Differentiating Features Technique and Outcomes**

Lecturers: Horst Sievert

5:15 PM **Epicardial LAA closure: From Surgical Results to Transpericardial Applications**

Lecturers: Krzysztof Bartus

5:25 PM **The Big Picture: Choosing the Right Device for the Right Anatomy**

Lecturers: Horst Sievert

5:35 PM **LAA Closure: Challenging Case Vignettes**

Case Presenter: Reda Ibrahim

5:45 PM **Roundtable Discussion with Audience QA**

DIDACTIC SESSION: STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 6:05 PM

Room 1, Upper Level

Accreditation: CME, MOC, ASRT

2:00PM - 2:57 PM

Session I. Coronary Flow: No Reflow and Infarct Size In STEMI

Moderators: Morton J. Kern, Graham Nichol

Discussants: Sorin J. Brener, Rajiv Gulati, Neal S. Kleiman, Dharam J. Kumbhani, Divaka Perera, Marco A. Perin

2:00 PM **Device Versus Drug Based Approaches to Limit No Reflow In STEMI**

Lecturers: Mauricio G. Cohen

2:07 PM **The Role of FFR iFR iMR and WIA In Evaluating Culprit Lesion and Vessel Flow In STEMI**

Lecturers: Kalpa De Silva

2:14 PM **Recognition Diagnosis and Management of Spontaneous Coronary Artery Dissection**

Lecturers: Jacqueline Saw

2:21 PM **Case Presentation 1: No Reflow After Primary PCI**

Case Presenter: Nima Aghili

2:28 PM **Devices to Reduce Infarct Size in STEMI**

Lecturers: Gregg W. Stone

2:38 PM **Mechanisms and Treatment Options for MINOCA**

Lecturers: Francesco Pelliccia

2:45 PM **Roundtable Discussion with Audience QA**

2:57PM - 3:49 PM

Session II. Multivessel PCI in STEMI

Moderators: Anthony H. Gershlick, Pieter C. Smits

Discussants: Bernardo Kremer Diniz Gonçalves, Cindy L. Grines, Sanjit S. Jolly, Ran Kornowski, Mohamed Ahmed Sobhy, Jacqueline E. Tamis-Holland

2:57 PM **Rationale and Data for Multivessel PCI in STEMI**

Lecturers: Pieter C. Smits

3:04 PM **Management of Non Culprit CTO in STEMI**

Lecturers: Emmanouil S. Brilakis

3:11 PM **The Role of FFR iFR and iMR in Assessing Non Culprit Lesions and Vessels in STEMI**

Lecturers: Joo Myung Lee

3:18 PM **Flash Debate 1: Based on What We Know Routine Multivessel Revascularization Acute or Delayed Is the Preferred Strategy**

Lecturers: Thomas Engström

- 3:24 PM **Flash Debate 1: Based on What We Dont Know Culprit Lesion Only PCI With a Conservative Approach Is the Preferred Strategy**
Lecturers: Deepak L. Bhatt
- 3:30 PM **Case Presentation 2: A High Risk Complex Patient With STEMI and Multivessel Disease**
Lecturers: Marwan F. Jumean
- 3:37 PM **Roundtable Discussion with Audience QA**

3:49PM - 5:14 PM

Session III. Cardiogenic Shock

Moderators: Vladimir Dzavik, Richard Smalling

Discussants: Ramesh K. Adiraju, Nicola Corvaja, Vasim Farooq, Sanjog Kalra, Barry D. Rutherford, Marco V. Wainstein

- 3:49 PM **Defining Cardiogenic Shock for 2018 and the Future: Hemodynamic vs Hemometabolic Shock**
Lecturers: Navin K. Kapur
- 3:57 PM **Hemodynamic Support: Which Device for Which Patient and Why**
Lecturers: Daniel Burkhoff
- 4:05 PM **Using Hemodynamics to Guide Decision Making in Cardiogenic Shock**
Lecturers: Salvatore F Mannino
- 4:13 PM **Hub and Spoke Strategies for Cardiogenic Shock: What are the Essential Elements**
Lecturers: Holger Thiele
- 4:21 PM **Flash Debate 2: VA ECMO Is the Optimal Support Platform for Cardiogenic Shock**
Lecturers: Michael Mooney
- 4:28 PM **Flash Debate 2: Impella Is the Optimal Support Platform for Cardiogenic Shock**
Lecturers: Perwaiz M. Meraj
- 4:35 PM **Post Cath Lab Management of Shock: Whats the Role of the Interventionalist**
Lecturers: Michael J. Lim
- 4:43 PM **Case Presentation 3: STEMI With Cardiogenic Shock and No Simple Options for MCS**
Case Presenter: M Chadi Alraies
- 4:51 PM **Essential Elements for a Contemporary Shock Trial**
Lecturers: James E. Udelson
- 4:59 PM **Roundtable Discussion with Audience QA**

5:14PM - 6:05 PM

Session IV. Cardiac Arrest

Moderators: Navin K. Kapur, Duane S. Pinto

Discussants: David A Baran, Stefan Harb, Michel R. Le May, Robert T. Pyo, Ivan C. Rokos, Christian M. Spaulding

- 5:14 PM **To Cath or Not to Cath in OHCA: Data and Decision Making Criteria**
Lecturers: Christian M. Spaulding
- 5:21 PM **Hemodynamic Support and Hypothermia Strategies for Cardiac Arrest**
Lecturers: Michael Mooney
- 5:29 PM **Flash Debate 3: VA ECMO Is Best Implemented by the Interventionalist**
Lecturers: Sandeep Nathan

- 5:36 PM **Flash Debate 3: VA ECMO Is Best Implemented by the Cardiac Surgeon**

Lecturers: Hiroo Takayama

- 5:43 PM **Case Presentation 4: OHCA With Uncertain Neurologic Status**
Case Presenter: Tanveer Rab

- 5:50 PM **Roundtable Discussion with Audience QA**

DIDACTIC SESSION: THE CTO SUMMIT, PART 2: COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 6:00 PM

Room 5, Upper Level

Accreditation: CME,MOC,ASRT

2:00PM - 2:30 PM

Session I. How to Handle Disaster

Moderators: William L. Lombardi, Khalid Omar Tammam

Discussants: Leszek Bryniarski, M. Nicholas Burke, Lei Ge, Paul Hsien-Li Kao, William Nicholson

- 2:00 PM **Complication Lessons From the PROGRESS CTO Registry**

Lecturers: Iosif Xenogiannis

- 2:10 PM **Roundtable Discussion With Audience QA**

- 2:15 PM **Complication Lessons From OPEN CTO**

Lecturers: Adam C. Salisbury

- 2:25 PM **Roundtable Discussion With Audience QA**

2:30PM - 4:00 PM

Session II. Complication Management

Moderators: Jaikirshan Khatri, Georgios Sianos

Discussants: Wissam Jaber, Vincent On-Hing Kwok, Manuel Pan, Sudhir Rathore, Satoru Sumitsuji, Minh N. Vo

- 2:30 PM **Managing Perforations I: Antegrade Wire or Device Exit How to Recognize and Options for Management**

Lecturers: Khaldoon Alaswad

- 2:40 PM **Roundtable Discussion With Audience QA**

- 2:45 PM **Managing Perforations II: Perforation of the Target Vessel How to Avoid and Manage**

Lecturers: Farouc A Jaffer

- 2:55 PM **Roundtable Discussion With Audience QA**

- 3:00 PM **Managing Perforations III: Retrograde Collateral Ruptures How to Avoid and Manage**

Lecturers: Sanjog Kalra

- 3:10 PM **Roundtable Discussion With Audience QA**

- 3:15 PM **Managing Perforations IV: Septal and Free Wall Adventures How to Recognize Avoid and Manage**

Lecturers: Scott Harding

- 3:25 PM **Roundtable Discussion With Audience QA**

- 3:30 PM **Managing Perforations V: The Post CABG Patient**
Lecturers: Robert F. Riley
- 3:40 PM **Roundtable Discussion With Audience QA**
- 3:45 PM **Donor Vessel Dissection and/or Thrombosis: How to Recognize Avoid and Manage**
Lecturers: Darshan Doshi
- 3:55 PM **Roundtable Discussion With Audience QA**

4:00 PM - 5:00 PM

Session III. Case-Based Complication Management: Learning From Others

Moderators: Paul Knaapen, Yuejin Yang
Discussants: Kevin J. Croce, Margaret B. McEntegart, Lampros K. Michalis, Toshiya Muramatsu, Gennaro Sardella, Hadley Wilson

- 4:00 PM **My Worst 2 Complications and What I Learned**
Case Presenter: Kathleen E. Kearney
- 4:15 PM **Roundtable Discussion With Audience QA**
- 4:20 PM **My Worst 2 Complications and What I Learned**
Case Presenter: Andrea Gagnor
- 4:35 PM **Roundtable Discussion With Audience QA**
- 4:40 PM **My Worst 2 Complications and What I Learned**
Case Presenter: Gerald S. Werner
- 4:55 PM **Roundtable Discussion With Audience QA**

5:00 PM - 6:00 PM

Session IV. More Case-Based Complications

Moderators: M. Nicholas Burke, Jonathan M. Hill
Discussants: Debabrata Dash, Keifei Dou, Ahmed Elghamaz, Scott Harding, Masato Nakamura, Bin Zhang

- 5:00 PM **My Worst 2 Complication That Were Preventable**
Case Presenter: R. Michael Wyman
- 5:15 PM **Roundtable Discussion With Audience QA**
- 5:20 PM **My Worst 2 Complications that I Saved**
Case Presenter: Tony J. DeMartini
- 5:35 PM **Roundtable Discussion With Audience QA**
- 5:40 PM **My Worst 2 Complications That The Patient Couldnt Recover From**
Case Presenter: Khalid Omar Tammam
- 5:55 PM **Roundtable Discussion With Audience QA**

TCT ENDOVASCULAR

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - COMPLICATIONS OF ENDOVASCULAR INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 28D-E, Upper Level
Accreditation: CME, MOC

12:15 PM - 1:45 PM

Complications of Endovascular Interventions

Moderators: Sahil A. Parikh, Virendra I Patel
Discussants: Herbert D. Aronow, J. Michael Bacharach, Robert M. Bersin, Jeffrey G. Carr, Ethan C Korngold, D. Christopher Metzger

- 12:15 PM **Case 1: Aorto Iliac Perforation**
Case Presenter: Mazen Abu-Fadel
- 12:25 PM **Case 2: Look Out Below: Embolic Showers**
Case Presenter: D. Christopher Metzger
- 12:35 PM **Case 3: Acute Occlusion and Dissection**
Case Presenter: Mehdi H. Shishebor
- 12:45 PM **Case 4: Worst Endoleak Ever**
Case Presenter: Virendra I Patel
- 12:55 PM **Case 5: Carotid Stent Thrombosis**
Case Presenter: Herbert D. Aronow
- 1:05 PM **Case 6: IVC Filter Embolization**
Case Presenter: J. Stephen Jenkins
- 1:15 PM **Case 7: TEVAR Too Far**
Case Presenter: Somjot S. Brar
- 1:25 PM **Case 8: The Worst Access Disaster**
Case Presenter: J. Michael Bacharach
- 1:35 PM **Case 9: CLI Turns Into ALI**
Case Presenter: Salman A. Arain

TCT ENDOVASCULAR: EXPERT CASE REVIEWS - DEEP AND SUPERFICIAL VENOUS INTERVENTIONS

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 30D-E, Upper Level
Accreditation: CME, MOC, ASRT

12:15 PM - 12:55 PM

Session I: Management of Deep Venous Disease

Moderators: Brian G. DeRubertis, Mahmood K. Razavi
Discussants: Teresa L. Carman, Anthony J. Comerota, Raghu Kolluri, Robert A. Lookstein, S. Jay Mathews

- 12:15 PM **Chronic IVC Filter Occlusion: Aggressive Retrieval Techniques vs Recanalization With Case Reviews**
Lecturers: Brian G. DeRubertis
- 12:25 PM **How I Treat Femoral Vein Occlusions With Case Reviews**
Lecturers: Robert A. Lookstein
- 12:35 PM **Central Venous Stents: When Which Ones And How With Case Reviews**
Lecturers: Mahmood K. Razavi
- 12:45 PM **Choice and Duration of Antiplatelet and Anticoagulation Therapy After Venous Interventions With Case Reviews**
Lecturers: Anthony J. Comerota

12:55 PM - 1:45 PM

Session II: Superficial Venous Disease, Venous Ablation, Pelvic Venous Disorders

Moderators: Raghu Kolluri, Sanjiv Lakhnani
Discussants: Teresa L. Carman, Anthony J. Comerota, Robert A. Lookstein, Nick Morrison, Sanjum S Sethi

- 12:55 PM **Endothermal Venous Ablation: Step By Step Approach and Avoiding Pitfalls With Case Reviews**
Lecturers: Sanjiv Lakhnarpal
- 1:05 PM **Non Thermal Ablation of Superficial Axial Veins With Case Reviews**
Lecturers: Raghu Kolluri
- 1:15 PM **Management of Pelvic Congestion Syndrome With Case Reviews**
Lecturers: Brian G. DeRubertis
- 1:25 PM **Duplex Evaluation of Venous Reflux: Simple to Complex Case Examples**
Lecturers: Teresa L. Carman
- 1:35 PM **Venous Ulcer Management After Venous Ablation With Case Reviews**
Lecturers: Raghu Kolluri

- 3:20 PM **Complications of IVC Filters: Spectrum Frequency Treatment and Avoidance Strategies**
Lecturers: Eric A Secemsky
- 3:30 PM **Tips and Tricks for Tough IVC Filter Retrievals**
Lecturers: John Moriarty
- 3:40 PM **Special Topic: What is Happening Nationally and What is the Future of IVC Filters**
Lecturers: Robert A. Lookstein
- 3:50 PM **Roundtable Discussion with Audience QA**

TCT ENDOVASCULAR: PE/VTE THERAPIES

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 4:00 PM

Room 30D-E, Upper Level

Accreditation: CME,MOC,ASRT

2:00 PM - 3:00 PM

Session I. Acute Pulmonary Embolism

Moderators: Robert A. Lookstein, Akhilesh K. Sista

Discussants: John Moriarty, Rahul S. Patel, Mahmood K. Razavi, Mehdi H. Shishehbor

- 2:00 PM **Acute Pulmonary Embolism: How Big Is the Problem and How to Start a PERT**
Lecturers: Teresa L. Carman
- 2:10 PM **Data for Lytic Therapy in Massive and Submassive Pulmonary Embolism**
Lecturers: Akhilesh K. Sista
- 2:20 PM **Emerging Catheter Based Techniques to Treat Acute Pulmonary Embolism**
Lecturers: Robert A. Lookstein
- 2:30 PM **When to Employ Advanced Therapies in PE**
Lecturers: Jay S. Giri
- 2:40 PM **Special Topic: What Is the Role of Balloon Pulmonary Angioplasty for Treatment of CTEPH**
Lecturers: Ehtisham Mahmud
- 2:50 PM **Roundtable Discussion With Audience QA**

3:00 PM - 4:00 PM

Session II. Inferior Vena Cava Filters

Moderators: Jay S. Giri, Akhilesh K. Sista

Discussants: Riyaz Bashir, Teresa L. Carman, John Moriarty, Rahul S. Patel, Eric A Secemsky

- 3:00 PM **Who Should Get an IVC Filter Review of the Guidelines**
Lecturers: Akhilesh K. Sista
- 3:10 PM **Overview of Current and Future IVC Filter Devices**
Lecturers: Rahul S. Patel

HOT TOPIC LUNCHES

HOT TOPIC LUNCH: FROM VALVES TO LIMBS...A PARADIGM FOR PARITY (SPONSORED BY THE ASSOCIATION OF BLACK CARDIOLOGISTS)

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 23B-C, Upper Level

Accreditation: CME,MOC,ASRT

12:15 PM - 1:45 PM

From Valves to Limbs...A Paradigm for Parity

Moderators: Wayne B. Batchelor, Aaron Horne, Jr.

Discussants: Seun Alli, Kelly C Epps, Foluso Fakorede, Uzoma Ibebuogu, Lee Kirksey

- 12:15 PM **Welcome and Opening Remarks**
Lecturers: Wayne B. Batchelor
- 12:20 PM **Diversity in the Interventional Workplace: Current Challenges and Opportunities**
Lecturers: Roxana Mehran
- 12:30 PM **TAVR: Where Are We Headed**
Lecturers: Seun Alli
- 12:40 PM **Should We Expand TAVR to Non Traditional Centers**
Lecturers: Uzoma Ibebuogu
- 12:50 PM **PAD: Overview of Current Management Strategies Can We Do Better**
Lecturers: Foluso Fakorede
- 1:00 PM **Should There Be Regionalization of CLI management**
Lecturers: Lee Kirksey
- 1:10 PM **Clinical Research 101: How to Build a Successful Research Program in Private Practice**
Lecturers: Wayne B. Batchelor
- 1:20 PM **Roundtable Discussion with Audience QA**
- 1:40 PM **Closing Remarks and Take Home Messages**
Lecturers: Wayne B. Batchelor

HOT TOPIC LUNCH: RADIATION MANAGEMENT IN THE INTERVENTIONAL ENVIRONMENT

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 24A-B, Upper Level

Accreditation: CME,MOC,ASRT

12:15^{PM} - 1:45 ^{PM}

Radiation Management in the Interventional Environment

Moderators: Stephen Balter, Sanjog Kalra

Discussants: Patricia Abrams, Edwin M. Leidholdt, Jr., Ryan D. Madder, Glenn Van Langenhove

- 12:15 ^{PM} **Introduction: Radiation Safe for You and Your Patients**
Lecturers: Stephen Balter
- 12:25 ^{PM} **Staff Risk Management: Physician Concerns**
Lecturers: Sanjog Kalra
- 12:35 ^{PM} **Staff Risk Management: Physicist Responses**
Lecturers: Edwin M. Leidholdt, Jr.
- 12:45 ^{PM} **Roundtable Discussion With Audience QA**
- 12:55 ^{PM} **Patient Radiation Management: Physician Concerns**
Lecturers: Sanjog Kalra
- 1:05 ^{PM} **Patient Radiation Management: Physicist Responses**
Lecturers: Stephen Balter
- 1:15 ^{PM} **Radiation Management: Lessons Learned**
Lecturers: Edwin M. Leidholdt, Jr.
- 1:25 ^{PM} **The Future: Robotic PCI Suspended Lead Suits and Other Approaches to Reduce Radiation Exposure in The Cath Lab**
Lecturers: Ryan D. Madder
- 1:35 ^{PM} **Roundtable Discussion With Audience QA**

- 12:35 ^{PM} **Case 3: Two Quick Cases in Which Intravascular Imaging 1 Led me to Choose Atherectomy and 2 Directed me Away From Atherectomy**
Case Presenter: John McB. Hodgson
- 12:43 ^{PM} **Case 4: A Step by step Case of OCT guided Atherectomy**
Case Presenter: Takashi Akasaka
- 12:51 ^{PM} **Case 5: A Case of Atherectomy in Severely Tortuous Anatomy**
Case Presenter: Ramon Quesada
- 12:59 ^{PM} **Case 6: Atherectomy in a Complex Calcified Left Main Trifurcation**
Case Presenter: Afzalur Rahman
- 1:07 ^{PM} **Case 7: A Surprising Case of Intravascular Lithotripsy**
Case Presenter: Jonathan M. Hill
- 1:15 ^{PM} **Case 8: A Case of a Stuck Burr With a Novel Solution**
Case Presenter: Gert Richardt
- 1:23 ^{PM} **Case 9: A Case of a Massive Rotablator Perforation**
Case Presenter: Evan Shlofmitz
- 1:31 ^{PM} **Case 10: A Case of Orbital Atherectomy for a Diffusely Disease Vessel**
Case Presenter: Jeff Chambers
- 1:39 ^{PM} **Case 11: A Perforation from Orbital Atherectomy**
Case Presenter: Nikolaos Kakourou
- 1:47 ^{PM} **Case 12: A Case of In Stent Restenosis Due to a Markedly Under expanded Stent in a Severely Calcified Lesion**
Case Presenter: Azeem Latib
- 1:55 ^{PM} **Take home Message: What Did We Learn From these Cases**
Moderators: Philippe Genereux Co Moderator: Giora Weisz

EXPERT CASE REVIEW LUNCHES

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - DIAGNOSIS AND MANAGEMENT OF HEAVILY CALCIFIED LESIONS

MONDAY, SEPTEMBER 24, 2018

12:15 ^{PM} - 2:00 ^{PM}

Room 26A-B, Upper Level

Accreditation: CME, MOC

12:15^{PM} - 2:00 ^{PM}

Diagnosis and Management of Heavily Calcified Lesions

Moderators: Philippe Genereux, Ajay J. Kirtane

Co Moderator: Giora Weisz

Discussants: Alaide Chieffo, Carlo Di Mario, Stefan Harb, Richard A. Schatz, Sigmund Silber

- 12:15 ^{PM} **Introduction: What Do We Hope to Learn From these Cases**
Lecturers: Ajay J. Kirtane
- 12:19 ^{PM} **Case 1: A Case of that Typifies Roto regret**
Case Presenter: Fazila T. Malik
- 12:27 ^{PM} **Case 2: A Case Demonstrating the Calcified Lesion for Which a Cutting or Scoring Balloon is Sufficient**
Case Presenter: Sheila Sahn

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - HYPERTROPHIC CARDIOMYOPATHY AND SEPTAL ABLATION

MONDAY, SEPTEMBER 24, 2018

12:15 ^{PM} - 1:45 ^{PM}

Room 33B-C, Upper Level

Accreditation: CME, MOC

12:15^{PM} - 1:45 ^{PM}

Hypertrophic Cardiomyopathy and Septal Ablation

Moderators: Sherif F. Nagueh, Hubert Seggewiss

Discussants: John S. Douglas Jr, Valerian Fernandes, Vijay Iyer, Srihari S. Naidu, Nish Patel, Alexandre C. Zago

- 12:15 ^{PM} **Introduction: What Do We Hope to Learn From these Cases**
Lecturers: Hubert Seggewiss
- 12:20 ^{PM} **Case 1: Severe LVOT Obstruction in a Symptomatic 20 Year Old Male Despite Maximized Medical Treatment**
Case Presenter: Carey D. Kimmelstiel
- 12:30 ^{PM} **Case 2: Septal Artery Rupture With Septal Infarction and Relief of LVOT Obstruction**
Case Presenter: Francesco Pelliccia

- 12:40 PM **Case 3: Third Degree AV Block After Ablation Requiring Upgrade from VVI to Dual Chamber Pacing**
Case Presenter: Michael A. Fifer
- 12:50 PM **Case 4: Severe Dyspnea in a Patient With Obstructive HCM and a Proximal LAD Stent**
Case Presenter: Jorge Gaspar
- 1:00 PM **Case 5: Severe Dyspnea in a Patient With HCM and Mid Cavitory Obstruction**
Case Presenter: Alexander Grigorievich Osiev
- 1:10 PM **Case 6: A Case of LAD Occlusion During Alcohol Septal Ablation**
Case Presenter: Horst Sievert
- 1:20 PM **Case 7: Septal Branch Collateralization Noted During the Course of Alcohol Septal Ablation**
Case Presenter: Antoine Lafont
- 1:30 PM **Case 8: Severe Obstructive HCM in a Symptomatic Patient Despite Maximized Medical Therapy and Septal Thickness of 13 mm.**
Case Presenter: Rabin dra Nath Chakraborty
- 1:40 PM **Take Home Messages: What Did You Learn From these Cases**
Lecturers: Sherif F. Nagueh

Case Presenter: Francesco Prati

- 1:06 PM **Case 7: A Case of Intravascular Imaging to Diagnose and Guide Treatment of a Spontaneous Coronary Artery Dissection**
Case Presenter: Fernando Alfonso
- 1:14 PM **Case 8: I Case in Which 3D OCT Imaging Changed How I Treated a Bifurcation**
Case Presenter: Takashi Akasaka
- 1:22 PM **Case 9: A Case in Which Intravascular Imaging Demonstrated a Surprising Cause and Guided Treatment of Stent Thrombosis**
Case Presenter: Ioannis Iakovou
- 1:30 PM **Case 10: A Case in Which Intravascular Imaging Demonstrated a Surprising Cause and Guided Treatment of In stent Restenosis**
Case Presenter: Hiram G. Bezerra
- 1:38 PM **Case 11: A Case in Which Intravascular Imaging Demonstrated the Cause of Acute Vessel Closure**
Case Presenter: Ashish Shah
- 1:46 PM **Take home Message: What Did We Learn From these Cases**

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - INTRAVASCULAR IMAGING [IVUS, OCT AND NIRS

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:51 PM

Room 28A-B, Upper Level

Accreditation: CME,MOC

12:15 PM - 1:51 PM

Intravascular Imaging [IVUS, OCT and NIRS

Moderators: David Erlinge, Gary S. Mintz

Discussants: Martin W. Bergmann, Marc D. Feldman, Margaret B. McEntegart, Yasunori Ueda, Carlo Zivelonghi, Robert-Jan van Geuns

- 12:15 PM **Introduction: What Do We Hope to Learn From these Cases**
Lecturers: Gary S. Mintz
- 12:18 PM **Case 1: A Case in Which Pre and Post interventional IVUS Changed the Number Length and/or Diameters of Stents Used**
Case Presenter: Massoud A. Leesar
- 12:26 PM **Case 2: A Case in Which Pre and Post interventional OCT Changed the Number Length and/or Diameters of Stents Used**
Case Presenter: Eisuke Usui
- 12:34 PM **Case 3: A Case in Which Intravascular Imaging Changed My Pre stent Plaque Modification Strategy**
Case Presenter: YunDai Chen
- 12:42 PM **Case 4: A Case in Which NIRS IVUS was Useful to Guide Stenting**
Case Presenter: James A. Goldstein
- 12:50 PM **Case 5: A Case in Which I Used OCT to Reduce DAPT Duration**
Case Presenter: Wojtek Wojakowski
- 12:58 PM **Case 6: A Case in Which OCT Found the Hidden Culprit Lesion in ACS**

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - MITRAL VALVULOPLASTY

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 27A-B, Upper Level

Accreditation: CME,MOC

12:15 PM - 1:45 PM

Mitral Valvuloplasty

Moderators: Vinay K. Bahl, David R. Holmes Jr.

Discussants: Roberto J Cubeddu, Eduardo De Marchena, Mayra Guerrero, Alexander Llanos, Rahul Sakhuja, Christian F. Witzke

- 12:15 PM **Introduction: What Do We Hope to Learn From These Cases**
Lecturers: Igor F. Palacios
- 12:20 PM **Case 1: Inoue vs Double Balloon Mitral Valvuloplasty in Optimal Patients**
Case Presenter: Rahul Sakhuja
- 12:30 PM **Case 2: Mitral Valvuloplasty With 3D and ICE Imaging**
Lecturers: Howard C. Herrmann
- 12:40 PM **Case 3: Inoue Technique Mitral Valvuloplasty Is Not Always Straight Forward**
Lecturers: Alexander Llanos
- 12:50 PM **Case 4: Mitral Valvuloplasty Complicated by Severe Mitral Regurgitation in a Patient With Rheumatic Mitral Stenosis**
Case Presenter: Christian F. Witzke
- 1:00 PM **Case 5: Mitral Valvuloplasty in a Patient With Severe Mitral Stenosis From Mitral Annular Calcification**
Case Presenter: Roberto J Cubeddu
- 1:10 PM **Case 6: An Unusual Complication of Mitral Valvuloplasty in a Patient With Severe Calcific Mitral Stenosis**
Case Presenter: David R. Holmes Jr.

- 1:20 PM **Case 7: Mitral Valvuloplasty and TAVR in a Patient With Mitral and Aortic Stenosis**
Case Presenter: Eduardo De Marchena
- 1:30 PM **Case 8: Mitral Valve in MAC for a Patient With Severe Mitral Annular Calcification and Stenosis**
Case Presenter: Mayra Guerrero
- 1:40 PM **Take Home Messages: What Did We Learn From These Cases**
Lecturers: Igor F. Palacios

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PARAAVALVULAR LEAK CLOSURE

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 25A-B, Upper Level
 Accrediation: CME,MOC

12:15PM - 1:45 PM

Paravalvular Leak Closure

Moderators: Anita Asgar, Chet Rihal

Discussants: Mackram F. Eleid, George S. Hanzel, Massimo Napodano, Manuel Pan, Torsten P. Vahl

- 12:15 PM **Introduction: What Do We Hope to Learn From these Cases**
Lecturers: Anita Asgar
- 12:20 PM **Case 1: A Case of Aortic Paravalvular Leak: Retrograde Closure Technique**
Case Presenter: Roger J. Laham
- 12:30 PM **Case 2: A Case of Paravalvular Leak Post TAVR**
Case Presenter: John K. Forrest
- 12:40 PM **Case 3: A Case of Mitral Paravalvular Leak: Antegrade Closure Requiring Multiple Devices**
Case Presenter: Holger M. Nef
- 12:50 PM **Case 4: A Complex Mitral Paravalvular Leak**
Lecturers: Stephen R. Ramee
- 1:00 PM **Case 5: Technical Challenges and Advanced Techniques for Paravalvular Leak Closure: Difficult Aortic Paravalvular Leak Closure**
Case Presenter: Chet Rihal
- 1:10 PM **Case 6: Closing Right Sided Paravalvular Leaks: A Case of Tricuspid PVL Closure**
Case Presenter: Mackram F. Eleid
- 1:20 PM **Case 7: Managing Complications 1: Plug Embolization and Retrieval**
Case Presenter: Wojtek Wojakowski
- 1:30 PM **Case 8: Managing complications 2: A Case of a Complicated Mitral Paravalvular Leak**
Case Presenter: Reda Ibrahim
- 1:40 PM **Take home Messages: What Did We Learn From these Cases**
Lecturers: Chet Rihal

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - PFO CLOSURE CASE STUDIES

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:46 PM

Room 32A-B, Upper Level
 Accrediation: CME,MOC

12:15PM - 12:59 PM

Session I: PFO Techniques and Strategies

Moderators: Eustaquio Maria Onorato, Robert J. Sommer

Discussants: Suzanne J. Baron, Asim Cheema, Hans R. Figulla, Sachin S. Goel, Steven L. Goldberg, Franz X. Kleber

- 12:15 PM **What We Hope to Learn From These Cases**
Lecturers: Robert J. Sommer
- 12:22 PM **A Case That Favors Cardioform Device**
Case Presenter: Asim Cheema
- 12:29 PM **A Case That Favors the Amplatzer PFO Device**
Case Presenter: Megan Coylewright
- 12:36 PM **A PFO With a Significant Atrial Septal Aneurysm**
Case Presenter: Zachary Steinberg
- 12:43 PM **A PFO Closure Complicated by Defibrillator Lead**
Case Presenter: Marie-France Poulin
- 12:51 PM **A PFO With LongWell Attached PFO Tunnel**
Case Presenter: Amar Krishnaswamy

12:59PM - 1:46 PM

Session II: PFO Clinical Conundrums

Moderators: Zahid Amin, Robert J. Sommer

Discussants: Peter C. Block, John P. Breinholt, Craig E Fleishman, Jan Kovac, Harsimran Sachdeva Singh, Christian Spies

- 12:59 PM **A Patient With Migraine With Aura Mimicking TIA: Is PFO Closure Appropriate**
Case Presenter: Ashish Shah
- 1:07 PM **A Patient With a PFO and Cryptogenic Stroke Outside the Recommended Age Range: Is PFO Closure Appropriate**
Case Presenter: David E. Thaler
- 1:15 PM **A Patient With Atrial Fibrillation Cryptogenic Stroke and PFO: Watchman Despite OAC**
Case Presenter: Saibal Kar
- 1:23 PM **A Patient With DVT Pulmonary Embolus and PFO: Close on OAC**
Case Presenter: Harsimran Sachdeva Singh
- 1:31 PM **A Patient Requiring Surgery With a PFO and a High Risk of VTEParadoxical Embolization: Close for Primary Stroke Prevention**
Case Presenter: Zahid Amin
- 1:39 PM **Conclusions and Take home Messages**
Lecturers: Robert J. Sommer

COMPLEX INTERVENTIONS: EXPERT CASE REVIEWS - TRANSRADIAL ACCESS TECHNIQUE PEARLS AND COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018

12:15 PM - 1:45 PM

Room 29A-B, Upper Level
 Accrediation: MOC,CME

12:15PM - 1:45 PM

Transradial Access Technique Pearls and Complications

Moderators: Olivier F. Bertrand, Samir B. Pancholy

Discussants: Richard A Anderson, Stephen P. Hoole, Sanjit S. Jolly, Yves R. Louvard, Marcello Sena, Kimberly A. Skelding

- 12:15 PM **Introduction: What Do We Hope to Learn From these Cases**
Lecturers: Samir B. Pancholy
- 12:19 PM **Case 1: A Heavily Calcified Radial Artery in CKD**
Case Presenter: Binita Shah
- 12:28 PM **Case 2: Complex Slender PCI: Small is Beautiful**
Case Presenter: Yuji Ikari
- 12:37 PM **Case 3: Recognition of an Aberrant Right Subclavian Artery Access and Navigation Options**
Case Presenter: Michael A. Kutcher
- 12:46 PM **Case 4: Radial Artery Dissection and Perforation**
Case Presenter: Scott Harding
- 12:55 PM **Case 5: Ulnar Access when the Radial Artery is Occluded**
Case Presenter: Sasko Kedev
- 1:04 PM **Case 6: Right Heart Catheterization Using Radialist Skills**
Case Presenter: Mladen I. Vidovich
- 1:13 PM **Case 7: A Complex Radial Loop**
Case Presenter: S C Wong
- 1:22 PM **Case 8: Dual Radial Access and CTO**
Case Presenter: James Nolan
- 1:31 PM **Case 9: A Difficult Right Mammary Artery Cannulation From Radial Access**
Case Presenter: William M Suh
- 1:40 PM **Take home Messages: What Did We Learn From these Cases**
Lecturers: Olivier F. Bertrand

SPECIAL SESSIONS

SPECIAL SESSION: CAPABILITY BUILDING AND CONTINUING EDUCATIONAL COMMITTEE IN CARDIOLOGY (CBCEC) AT TCT: HOW TO TREAT LEFT MAIN AND CORONARY BIFURCATION LESIONS

MONDAY, SEPTEMBER 24, 2018

7:00 AM - 8:00 AM

Room 26A-B, Upper Level

Accreditation: CME, MOC

7:00AM - 8:00 AM

How to Treat Left Main and Coronary Bifurcation Lesions

Moderators: Shao-Liang Chen, Yaling Han, Tanveer Rab, Imad Sheiban, Gregg W. Stone, Yi-Da Tang

Discussants: James B. Hermiller Jr, Chunguang Qiu, Fei Ye

- 7:00 AM **Case 1: A Left Main Bifurcation Intervention in STEMI PPCI**

Case Presenter: Lily Li

- 7:04 AM **How Would I Treat This Case**

Lecturers: Ning Guo

- 7:08 AM **How Would I Treat This Case**

Lecturers: Kai Xu

- 7:12 AM **How Would I Treat This Case**

Lecturers: Yan Li

- 7:16 AM **How Would I Treat This Case**

Lecturers: Yong Xia

- 7:20 AM **Roundtable Discussion With Audience QA**

- 7:26 AM **How Did I Treat This Case**

Case Presenter: Lily Li

- 7:30 AM **Case 2: A Distal LM LADD1 Bifurcation PCI Case**

Case Presenter: Junjie Zhang

- 7:34 AM **How would I treat this case**

Lecturers: Zening Jin

- 7:38 AM **How would I treat this case**

Lecturers: Jingbo Hou

- 7:42 AM **How Would I Treat This Case**

Lecturers: Ning Tan

- 7:46 AM **How Would I Treat This Case**

Lecturers: Rong-Chong Huang

- 7:50 AM **Roundtable Discussion With Audience QA**

- 7:56 AM **How Did I Treat This Case**

Case Presenter: Junjie Zhang

SPECIAL SESSION: BEST PRACTICE OF CONTEMPORARY PCI IN CHINA

MONDAY, SEPTEMBER 24, 2018

9:00 AM - 11:00 AM

Room 28A-B, Upper Level

Accreditation: CME, MOC

9:00AM - 11:00 AM

Best Practice of Contemporary PCI in China

- 9:00 AM **Introduction**

Lecturers: Ben He

- 9:05 AM **Best Practice of Contemporary PCI in China**

Lecturers: Jianfang Luo

- 10:40 AM **Update on Treatments and Techniques of Coronary Calcium**

Lecturers: Fei Ye

- 10:55 AM **Closing**

Lecturers: Ben He

SPECIAL SESSION: SCAI CATH LAB LEADERSHIP BOOTCAMP

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 5:00 PM

Room 30A-C, Upper Level

Accreditation: CME, MOC

1:00 PM - 2:00 PM

Bootcamp I: Essential Cath Lab Management Skills

Moderators: Prashant Kaul, Daniel M. Kolansky

Discussants: Robert J. Applegate, Samir R. Kapadia, Duane S. Pinto, Arnold Seto, Bernadette S. Speiser, Hadley Wilson

- 1:00 PM **Welcome and Introduction**
Lecturers: Daniel M. Kolansky
- 1:05 PM **The Cath Lab Medical Director: Keys to Success**
Lecturers: Duane S. Pinto
- 1:15 PM **The Cath Lab Manager: Keys to Success**
Lecturers: Bernadette S. Speiser
- 1:25 PM **Establishing a Safety Culture in the Cath Lab**
Lecturers: Arnold Seto
- 1:35 PM **Managing Cath Lab Conflicts: Scheduling Personalities Cant We All Just Get Along**
Lecturers: Hadley Wilson
- 1:45 PM **Roundtable Discussion With Audience Q A**

2:00 PM - 3:00 PM

Bootcamp II: Cath Lab Economics - Move to Value-Based Payments

Moderators: Peter L. Duffy, Timothy D. Henry

Discussants: Samir R. Kapadia, Daniel M. Kolansky, John A. Spertus

- 2:00 PM **Cath Lab Economics: Where Do We Stand With MACRA and MIPS**
Lecturers: Daniel M. Kolansky
- 2:10 PM **CMS Strategy and the Move to Value**
Lecturers: John A. Spertus
- 2:20 PM **Value Based STEMI Care: Saving Money During MI Treatment**
Lecturers: Timothy D. Henry
- 2:30 PM **Cath Lab Efficiency: Saving Time and Money While Reducing Stress**
Lecturers: Samir R. Kapadia
- 2:40 PM **Roundtable Discussion With Audience QA**

3:00 PM - 4:00 PM

Bootcamp III: Achieving Quality Objectives in the Cath Lab

Moderators: Sunil V. Rao

Discussants: J. Dawn Abbott, Adnan K. Chhatrwalla, Michael A. Kutcher, Duane S. Pinto, Adhir Shroff

- 3:00 PM **The Top 10 Quality Metrics for Your Cath Lab**
Lecturers: Michael A. Kutcher
- 3:10 PM **Using SCAI AUC and PCI Risk Apps to Optimize Care in Your Cath Lab**
Lecturers: Sunil V. Rao
- 3:20 PM **Tracking Performance: Updates on NCDR Reporting**
Lecturers: J. Dawn Abbott
- 3:30 PM **UPDATE on Public Reporting in the Cath Lab**
Lecturers: Adhir Shroff
- 3:40 PM **Roundtable Discussion With Audience QA**

4:00 PM - 5:00 PM

Bootcamp IV: Using Protocols and Pathways to Optimize Care Standardization

Moderators: David A. Cox, Dmitriy N. Feldman

Discussants: Jay Bagai, Mauricio G. Cohen, James A. Goldstein, Cindy L. Grines, Navin K. Kapur, Prashant Kaul, Faisal Latif, Srihari S. Naidu, Binita Shah, Jennifer A. Tremmel

4:00 PM **STEMI Care: Your STEMI Protocol in 2018**

Lecturers: Cindy L. Grines

4:10 PM **Radial Access: Reducing Bleeding and Improving Patient Satisfaction**

Lecturers: Binita Shah

4:20 PM **Pathways for Same Day PCI Discharge**

Lecturers: Mauricio G. Cohen

4:30 PM **Shock in the Cath Lab: Developing a Team Based Protocol**

Lecturers: Emmanouil S. Brilakis

4:40 PM **Reducing Radiation Exposure in the Cath Lab**

Lecturers: Jay Bagai

4:50 PM **Roundtable Discussion With Audience QA**

FASCINATING LECTURES III: SOCIAL MEDIA, DIGITAL HEALTH, AND COMMUNICATION SKILLS

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 4:00 PM

Ballroom 6A, Upper Level

Accreditation: CME, MOC

2:00 PM - 3:45 PM

Social Media, Digital Health, and Communication Skills

Moderators: C. Michael Gibson, Mamas Mamas

Discussants: Mirvat Alasnag, M Chadi Alraies, Eliano Pio Navarese, Sheila Sahni, Chuck Simonton, William M Suh

- 2:00 PM **The Dos and Dents of Social Media in Practice**
Lecturers: Poonam Velagapudi
- 2:10 PM **Fascinating QA**
- 2:15 PM **The Interventional Cardiology Tweetorial: Use of Social Media as an Educational Tool for Teaching Interventional Techniques**
Lecturers: Michael P Savage
- 2:25 PM **Fascinating QA**
- 2:30 PM **Tweetbook Cardiovascular Interventions: A New On line Community for Sharing**
Lecturers: David L Fischman
- 2:40 PM **Fascinating QA**
- 2:45 PM **Social Media and PCI: From Stable Angina to CTOs**
Lecturers: Asif Qasim
- 2:55 PM **Fascinating QA**
- 3:00 PM **Rise of the Planet of the Apps: The World of Mobile Applications for Cardiovascular Education**
Lecturers: Annapoorna Kini
- 3:10 PM **Fascinating QA**
- 3:15 PM **Advances in Digital Health May Help Prevent Cardiovascular Diseases: E Prevention**
Lecturers: Mohammad El Tahlawi
- 3:25 PM **Fascinating QA**

3:30 PM **The Art of Presentation: A Fundamental Skill for Cardiologists in the Contemporary Era**

Lecturers: *Abdallah El Sabbagh*

3:40 PM **Fascinating QA**

PRESENTATION THEATER PROGRAMS

PRESENTATION THEATER PROGRAM: CEREBRAL EMBOLIC PROTECTION WITH SENTINEL IN TAVR: SHIFTING THE PARADIGM TOWARD STANDARD OF CARE (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 3, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM

Cerebral Embolic Protection with Sentinel in TAVR: Shifting the Paradigm Toward Standard of Care

Chairs: *Martin B. Leon, Raj Makkar*

Faculty: *Hemal Gada, Lars Sondergaard, Jochen Wöhrle*

11:30 AM **Impact of CEP in Practice: Cath Lab Integration the Real World Outcomes**

Lecturers: *Raj Makkar*

11:40 AM **A Contemporary Review of the Data Supporting the Use of Sentinel in TAVR**

Lecturers: *Jochen Wöhrle*

11:50 AM **Stroke Economics the Role of Sentinel to Grow your TAVR Program**

Lecturers: *Hemal Gada*

12:00 PM **The Role of Cerebral Protection in the Age of Minimalist Approach to TAVR**

Lecturers: *Lars Sondergaard*

12:10 PM **Future Considerations: The Role of Shared Decision Making and Adoption of Cerebral Embolic Protection in Practice**

Lecturers: *Martin B. Leon*

12:20 PM **Panel Discussion**

Moderators: *Martin B. Leon, Raj Makkar* Discussants: *Hemal Gada, Lars Sondergaard*

PRESENTATION THEATER PROGRAM: MY EXPERIENCE WITH BALLOON EXPANDABLE AND SELF-EXPANDING STENT GRAFTS IN TREATING AORTOILIAC OCCLUSIVE DISEASE (SPONSORED BY GORE & ASSOCIATES)

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 4, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM

My Experience with Balloon Expandable and Self-Expanding Stent Grafts in Treating Aortoiliac Occlusive Disease

Faculty: *Ehrin J. Armstrong*

PRESENTATION THEATER PROGRAM: SCAI TRANSITION FOR VALUE: A CASE- AND DEBATE-BASED DISCUSSION OF THE VALUE OF TRANSRADIAL CPCI (SPONSORED BY SOCIETY FOR CARDIOVASCULAR ANGIOGRAPHY AND INTERVENTIONS, SUPPORTED BY MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 1, Hall B2, Ground Level

11:30 AM - 12:30 PM

SCAI TRAnSition for VALUE: A Case- and Debate-based Discussion of the Value of Transradial cPCI

Chairs: *Adhir Shroff*

Faculty: *J. Dawn Abbott, Elliott M. Groves, Rajiv Gulati, Arasi Maran, Arnold Seto*

11:30 AM **SCAIs TRAnSition for VALUE and How it Applies to Complex PCI cPCI**

Lecturers: *Adhir Shroff*

11:38 AM **Femoral to Radial 101: Focus on cPCI**

Lecturers: *Rajiv Gulati*

11:46 AM **SCAIs Length of Stay Expert Consensus Document: A Case based Application to TRA cPCI**

Lecturers: *Arnold Seto*

11:56 AM **Case Presentation: Complex TRA Left Main PCI Mini Debate**

Lecturers: *J. Dawn Abbott*

12:04 PM **Left Main PCI: Transfemoral Should be the Default Access Site**

Lecturers: *Arasi Maran*

12:12 PM **Left Main PCI: Transradial Should be the Default Access Site**

Lecturers: *Elliott M. Groves*

12:20 PM **Discussion and Key Takeaways**

Discussants: *J. Dawn Abbott, Elliott M. Groves, Rajiv Gulati, Arasi Maran, Arnold Seto, Adhir Shroff*

12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: THE NEW FRONTIER: CAN WE FINALLY PREDICT AND START TREATING VULNERABLE PLAQUE? (SPONSORED BY INFRAREDx, INC.)

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 5, Exhibit Hall, Ground Level

11:30 AM - 12:30 PM

The New Frontier: Can We Finally Predict and Start Treating Vulnerable Plaque?

Chairs: *Ron Waksman*

Faculty: *David Erlinge, John McB. Hodgson, Ryan D. Madder, James E. Muller, Jonathan Tobis, Robert L. Wilensky*

11:30 AM **Introduction**

Lecturers: *Ron Waksman*

11:35 AM **IVUSNIRS Technology Overview and Early Clinical Trials**

Lecturers: Ryan D. Madder

11:43 AM **Current Clinical Uses of IVUS/NIRS**

Lecturers: John McB. Hodgson

11:51 AM **Ongoing Clinical trials and Future Treatment Strategies for Vulnerable Plaque**

Lecturers: David Erlinge

11:59 AM **New Applications of NIRS: Collagen Deficient Cap Detection**

Lecturers: Robert L. Wilensky

12:07 PM **LRP Study Results Impact on Your Practice**

Lecturers: Ron Waksman

12:15 PM **Panel Discussion and QA**

Moderators: Ron Waksman
Discussants: John McB. Hodgson, James E. Muller, Jonathan Tobis, Robert L. Wilensky

PRESENTATION THEATER PROGRAM: TRANSCATHETER TRICUSPID VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Presentation Theater 2, Hall B2, Ground Level

11:30 AM - 12:30 PM

Transcatheter Tricuspid Valve Interventions

Co Chairs: Michael J. Mack, Mark Reisman

Lecturers: Krzysztof Bartus

Faculty: JoAnn Lindenfeld, Chet Rihal, Maurice E. Sarano

11:30 AM **Tricuspid Valve Disease in 2018: What Are the Challenges**

Lecturers: Maurice E. Sarano

11:37 AM **Transcatheter Annular Reduction for FTR**

Lecturers: Mark Reisman

11:44 AM **Other Transcatheter Approaches to TR Reduction**

Lecturers: Chet Rihal

11:51 AM **The Heart Failure Specialist Perspective of TR Management**

Lecturers: JoAnn Lindenfeld

11:58 AM **The Surgeon Perspective of TR Treatment: Surgery vs. Transcatheter Therapy**

Lecturers: Krzysztof Bartus

12:05 PM **Focused Discussion: Is there enough in the Toolbox Is There an Opportunity for Earlier Intervention with Transcatheter Therapy**

12:30 PM **Adjourn**

PRESENTATION THEATER PROGRAM: ABILITY TO TRANSFORM: DEDICATED DES TO TREAT DIABETIC PATIENTS AND SIROLIMUS COATED BALLOON FOR CAD (SPONSORED BY ENVISION SCIENTIFIC PVT. LTD. AND CONCEPT MEDICAL PVT. LTD.)

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Presentation Theater 4, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM

ABILITY to TRANSFORM: Dedicated DES to treat Diabetic Patients and Sirolimus Coated Balloon for CAD

Chairs: Alexandre Abizaid, Antonio Colombo, Patrick W. Serruys

Faculty: Ori Ben-Yehuda, Bernardo Cortese, Sameer Dani MD, DM, Azeem Latib, Martin B. Leon, Roxana Mehran, Luca Testa, MD, PhD

1:00 PM **Special Features and Clinical Experience**

Lecturers: Azeem Latib

1:08 PM **Why should I use Abluminus for Diabetic Patients**

Lecturers: Roxana Mehran

1:16 PM **Overall Experience of Abluminus DES in Real World and Dedicated Global Clinical Registry**

Lecturers: Luca Testa

1:24 PM **Panel Discussion**

1:30 PM **From Concept to USA IDE Trial Design**

Lecturers: Ori Ben-Yehuda

1:38 PM **European Experience and Clinical Programme**

Lecturers: Bernardo Cortese

1:46 PM **Challenging Cases with Imaging**

Lecturers: Bernardo Cortese

1:54 PM **Panel Discussion**

PRESENTATION THEATER PROGRAM: COMPLEX PCI IN 2018: ECLIPSE-ING THE STANDARD OF CONVENTIONAL ANGIOPLASTY (SPONSORED BY CRF, SUPPORTED BY CARDIOVASCULAR SYSTEMS, INC.)

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Presentation Theater 1, Hall B2, Ground Level

1:00 PM - 2:00 PM

Complex PCI in 2018: ECLIPSE-ing the Standard of Conventional Angioplasty

Co Chairs: Ajay J. Kirtane, William L. Lombardi

Faculty: Ehrin J. Armstrong, Jonathan M. Hill, Jasvinder Singh

1:00 PM **Why We Don't See Type A Lesions Anymore and What We Need to Prepare for this Change**

Lecturers: William L. Lombardi

1:10 PM **Do We Underutilize Coronary Atherectomy Rationale and Update on the ECLIPSE Trial**

Lecturers: Ajay J. Kirtane

1:20 PM **Discussion**

1:25 PM **Platform Updates: New Tools To Combat the Toughest Lesions**

Lecturers: Jasvinder Singh

1:35 PM **Tips and Tricks: A Step By Step Practicum for the Treatment of Severely Calcified Lesions**

Lecturers: Jonathan M. Hill

1:45 PM **Crossing the Uncrossable: Complex Case Review with Tips and Tricks for Success**

Lecturers: *Ehrin J. Armstrong*

1:55 PM **Discussion**

2:00 PM **Adjourn**

PRESENTATION THEATER PROGRAM: FFRANGIO FOR PCI GUIDANCE: A CLINICAL REVIEW (SPONSORED BY CATHWORKS LTD.)

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Presentation Theater 5, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM

FFRangio for PCI Guidance: A Clinical Review

Chairs: Morton J. Kern, Ran Kornowski

Faculty: William F. Fearon, Peter J. Fitzgerald, Nils Johnson, Hitoshi Matsuo

1:00 PM **Greetings and Introduction**

Lecturers: Morton J. Kern

1:05 PM **In depth Review of the FAST FFR Pivotal Trial Results**

Case Presenter: William F. Fearon

1:20 PM **Deep Dive Into FAST FFR: Subgroups and Secondary Endpoints**

Lecturers: Nils Johnson

1:32 PM **The Benefits of FFRangio in Multivessel Disease**

Lecturers: Hitoshi Matsuo

1:42 PM **How Daily Use of FFRangio Can Change Clinical Practice in the Future**

Lecturers: Peter J. Fitzgerald

1:54 PM **Questions and Concluding Remarks**

Lecturers: Morton J. Kern

2:00 PM **Adjourn**

Lecturers: Morton J. Kern

PRESENTATION THEATER PROGRAM: TRANSCATHETER MITRAL VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Presentation Theater 2, Hall B2, Ground Level

1:00 PM - 2:00 PM

Transcatheter Mitral Valve Interventions

Chairs: Jeffrey J. Popma

Faculty: William T. Abraham, Ted Feldman, Howard C. Herrmann, Mark Reisman, Brian K. Whisenant

1:00 PM **Anatomical Considerations for Mitral Valve Repair/Replacement: Insights from the Center for Cardiovascular Innovation**

Lecturers: Mark Reisman

1:07 PM **Transcatheter Annular Reduction for FMR**

Lecturers: Brian K. Whisenant

1:14 PM **Different Approaches to Transcatheter Leaflet Repair**

Lecturers: Ted Feldman

1:21 PM **Advances in Transseptal Transcatheter Mitral Valve Replacement**

Lecturers: Howard C. Herrmann

1:28 PM **The Heart Failure Perspective**

Lecturers: William T. Abraham

1:38 PM **Focused Discussion: Is There Enough in the Toolbox**

1:48 PM **Focused Discussion: Is There an Opportunity For Earlier Intervention with Transcatheter Therapies**

2:00 PM **Adjourn**

PRESENTATION THEATER PROGRAM: TREATING PATIENTS AT HIGH BLEEDING RISK (HBR): THE LEADERS FREE EXPERIENCE (SPONSORED BY BIOSENSORS EUROPE)

MONDAY, SEPTEMBER 24, 2018

1:00 PM - 2:00 PM

Presentation Theater 3, Exhibit Hall, Ground Level

1:00 PM - 2:00 PM

Treating Patients at High Bleeding Risk (HBR): The LEADERS FREE Experience

Co Chairs: Mitchell W. Krucoff, Martin B. Leon

Faculty: Roxana Mehran, Philip M. Urban, Renu Virmani

1:00 PM **Session Opening**

Lecturers: Mitchell W. Krucoff

1:05 PM **From LEADERS FREE to LEADERS FREE II**

Lecturers: Philip M. Urban

1:17 PM **LEADERS FREE II: 1 Year Clinical Outcomes**

Lecturers: Mitchell W. Krucoff

1:29 PM **How BA9 Stents Heal: Pre Clinical Pathology Data**

Lecturers: Renu Virmani

1:41 PM **The Need for a Consensus Definition of HBR Patients**

Lecturers: Roxana Mehran

1:53 PM **Closing Remarks**

Lecturers: Martin B. Leon

2:00 PM **Adjourn**

INTERNATIONAL SOCIETY SESSIONS

INTERNATIONAL SESSION: MODERN AND EMERGING ENDOVASCULAR TECHNIQUES TO TREAT COMPLEX AORTIC PATHOLOGY PRESENTED BY THE BULGARIAN SOCIETY OF ENDOVASCULAR THERAPY, SCOTTISH CHAPTER OF THE INTERNATIONAL SOCIETY OF ENDOVASCULAR SPECIALISTS, AND THE FRENCH CHAPTER OF THE INTERNATIONAL SOCIETY OF ENDOVASCULAR SPECIALISTS

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 10:30 AM

Room 27A-B, Upper Level

8:30AM - 9:30 AM

Session I. Modern and Emerging Endovascular Techniques to Treat Complex Aortic Pathology

Moderators: Jacques Busquet, Ivo Petrov, Donald B. Reid
Discussants: Zoran Stankov

- 8:30 AM **Introduction and Session Goals**
Lecturers: Jacques Busquet
- 8:35 AM **Scotland Presents: Fenestrated Aortic Grafts: Tips and Tricks**
Lecturers: Donald B. Reid
- 8:45 AM **France Presents: Chimney Technique Parallel Grafts or Hybrid Approach**
Lecturers: Jacques Busquet
- 8:55 AM **Bulgaria Presents: Novel Multilayer Flow Modulation MFM Technology for Complex Thoracoabdominal and Juxtarenal Aneurysms**
Lecturers: Ivo Petrov
- 9:05 AM **Roundtable Discussion With Audience QA**
- 9:20 AM **Conclusions and Take Home Message**
Lecturers: Donald B. Reid

9:30AM - 10:30 AM

Session II. How to Treat Complex and Complicated Aortic Dissections

Moderators: Jacques Busquet, Ivo Petrov, Donald B. Reid
Discussants: Zoran Stankov

- 9:30 AM **Introduction**
Lecturers: Donald B. Reid
- 9:35 AM **France Presents: Our Most Common Approach to Aortic Dissection**
Lecturers: Jacques Busquet
- 9:45 AM **Bulgaria Presents: First In Human Experience With Endovascular Treatment Of Aortic Dissection Type B In Childhood**
Lecturers: Ivo Petrov
- 9:55 AM **Scotland Presents: Endovascular Stent Graft Implantation for Aortic Dissection**
Lecturers: Donald B. Reid
- 10:05 AM **Role of Non Covered Stents to Treat Complicated Type A and B Aortic Dissections: Centralization of Flow Concept**
Lecturers: Zoran Stankov
- 10:15 AM **Roundtable Discussion With Audience QA**
- 10:25 AM **Conclusions and Take Home Messages**

INTERNATIONAL SESSION: COMPLEX AND COMPLICATED CORONARY AND STRUCTURAL INTERVENTIONS PRESENTED BY COLEGIO ARGENTINO DE CARDIOANGIÓLOGOS INTERVENCIONISTAS (CACI), VENEZUELAN SOCIETY OF CARDIOLOGY, SAUDI ARABIAN CARDIAC INTERVENTIONAL SOCIETY (SACIS), MEXICAN SOCIETY OF INTERVENTIONAL CARDIOLOGY (SOCIME)

MONDAY, SEPTEMBER 24, 2018

10:30 AM - 12:00 PM
Room 24C, Upper Level

10:30AM - 12:00 PM

Complex and Complicated Coronary and Structural Interventions

Moderators: Jorge Cortes Lawrenz, Juan F. Granada, Oscar A. Mendiz
Discussants: Carlos Cabrera Arroyo, Carlos D Calderas, Anibal A. Damonte, Nabeel Ismaeil

- 10:30 AM **Introduction**
Lecturers: Juan F. Granada
- 10:35 AM **Case 1 From Argentina: Complex Paravalvular Leak Closure**
Case Presenter: Gustavo Alejandro Lev
- 10:43 AM **Panel Discussion**
- 10:50 AM **Featured Case: Late Coronary Sinus Thrombosis After TAVR: An Unexpected and Deadly Event**
Case Presenter: Jorge Cortes Lawrenz
- 10:57 AM **Roundtable Discussion with Audience QA**
- 11:04 AM **Case 3 From Saudi Arabia: STEMI Air Shock and Embolism**
Case Presenter: Mostafa Q Al Shamiari
- 11:12 AM **Roundtable Discussion with Audience QA**
- 11:19 AM **Case 4 From Venezuela: Is Endovascular Treatment Still an Option When EVAR Fails**
Case Presenter: Carlos D Calderas
- 11:27 AM **Roundtable Discussion with Audience QA**
- 11:34 AM **Case 5 From Argentina: Transfemoral TAVR Complicated by Stuck Delivery System After Deployment**
Case Presenter: Miguel A Ballarino
- 11:42 AM **Roundtable Discussion with Audience QA**
- 11:49 AM **Case 6 From Saudi Arabia: Transcaval TAVR Complicated by Double Trouble**
Case Presenter: Waleed Alharbi
- 11:57 AM **Roundtable Discussion with Audience QA**

INTERNATIONAL SESSION: HEMODYNAMIC FUNCTIONAL ASSESSMENT OF CORONARY STENOSIS IN DAILY PRACTICE PRESENTED BY GROUPE ATHEROME ET CARDIOLOGIE INTERVENTIONNELLE (GACI) AND COLEGIO ARGENTINO CARDIOANGIÓLOGOS INTERVENCIONISTAS (CACI)

MONDAY, SEPTEMBER 24, 2018

1:30 PM - 3:30 PM
Room 24C, Upper Level

1:30PM - 3:30 PM

Hemodynamic Functional Assessment of Coronary Stenosis in Daily Practice

Moderators: Anibal A. Damonte, Jacques Monsegu
Discussants: Alejandro Cherro, Philippe Garot, Diego D Grinfeld, Brahim Harboui, Alejandro O. Palacios

- 1:30 PM **Introduction and Session Goals**
Lecturers: Anibal A. Damonte

- 1:35 PM **How to Perform a Hemodynamic Functional Assessment and Its Pitfalls**
Lecturers: Raul Solerno
- 2:29 PM **Multivessel Disease: Should Invasive Physiology Change My Strategy**
Lecturers: Eric Van Belle
- 2:42 PM **How to Use Invasive Physiology in Assessing and Treating Left Main Disease**
Lecturers: Leandro I Lasave
- 2:55 PM **Is There a Role for Invasive Physiology in Acute Coronary Syndromes**
Lecturers: Patrick Dupouy
- 3:08 PM **Roundtable Discussion With Audience QA**
- 3:24 PM **Conclusions and Take home Messages**
Lecturers: Jacques Monsegu

INTERNATIONAL SESSION: COMPLEX PRIMARY PCI AND COMPLICATIONS IN STEMI PRESENTED BY BULGARIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, HUNGARIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY, HONG KONG SOCIETY OF TRANSCATHETER ENDOCARDIOVASCULAR THERAPEUTICS (HKSTENT), AND ROMANIAN WORKING GROUP OF INTERVENTIONAL CARDIOLOGY

MONDAY, SEPTEMBER 24, 2018

3:30 PM - 5:00 PM
Room 27A-B, Upper Level

3:30 PM - 4:15 PM

Session I: Complex Primary PCI in STEMI

Moderators: Michael Kang-Yin Lee, Ivo Petrov, Marin Postu, Zoltan Ruzsa
Discussants: Valeri Ljubenov Gelev, Stefan Mot, Zsolt Piroth, Lucian Marius Predescu, Li-Wah Tam

- 3:30 PM **Is Multivessel Revascularization During Primary PCI in STEMI Necessary Desirable or Contraindicated**
Lecturers: Stefan Mot
- 3:35 PM **Case Introduction: My Most Complex STEMI PCI**
Case Presenter: Istvan F. Edes
- 3:40 PM **How Would I Treat This Patient**
Lecturers: Marin Postu
- 3:45 PM **Case Conclusion: How I Treated This Patient**
Case Presenter: Istvan F. Edes
- 3:50 PM **What Interventionalist Should Know About Using ECMO Assisted Coronary Intervention in Cardiogenic Shock**
Lecturers: Zoltan Ruzsa
- 3:55 PM **Case Introduction: My Most Complex STEMI PCI**
Case Presenter: Lucian Marius Predescu
- 4:00 PM **How Would I Treat This Patient**
Lecturers: Zsolt Piroth
- 4:05 PM **Case Conclusion: How I Treated This Patient**
Case Presenter: Lucian Marius Predescu
- 4:10 PM **Roundtable Discussion With Audience QA**

4:15 PM - 5:00 PM

Session II: Complex and Complicated Primary PCI

Moderators: Michael Kang-Yin Lee, Ivo Petrov, Marin Postu, Zoltan Ruzsa
Discussants: Valeri Ljubenov Gelev, Stefan Mot, Zsolt Piroth, Lucian Marius Predescu, Li-Wah Tam

- 4:15 PM **Surprises in Primary PCI**
Lecturers: Li-Wah Tam
- 4:20 PM **Case Introduction: No Reflow During Primary PCI**
Case Presenter: Yu Ho Chan
- 4:25 PM **How Would I Treat This Patient**
Lecturers: Ivajla Zhivkova Zheleva
- 4:30 PM **Case Conclusion: How I Treated This Patient**
Case Presenter: Yu Ho Chan
- 4:35 PM **Left Main PCI in Patients With STEMI**
Lecturers: Valeri Ljubenov Gelev
- 4:40 PM **Case Introduction: STEMI Patient With LM Occlusion and Subtotal Aorto ostial Stenosis of the LAD Graft**
Case Presenter: Ivo Petrov
- 4:45 PM **How Would I Treat This Patient**
Lecturers: Angus Shing-Fung Chui
- 4:50 PM **Case Conclusion: How I Treated This Patient**
Case Presenter: Ivo Petrov
- 4:55 PM **Roundtable Discussion With Audience QA**

INTERNATIONAL SESSION: COMPLICATIONS MANAGEMENT CHALLENGING SAVES AND MISSES THAT TEACH US HOW TO BE BETTER PRESENTED BY THE CARDIOLOGY SOCIETY OF INDIA/NATIONAL INTERVENTIONAL COUNCIL OF INDIA

MONDAY, SEPTEMBER 24, 2018

3:30 PM - 5:00 PM
Room 24C, Upper Level

3:30 PM - 5:00 PM

Complications Management: Challenging Saves and Misses That Teach Us How to Be Better

Moderators: Sreenivas Kumar Arramraju, Sreenivas Arramraju Kumar, Sahil A. Parikh
Discussants: Subhash Banerjee, Raghu Cherukupalli, Manotosh Panja, Gokul M. Reddy

- 3:30 PM **Introduction and Session Goals**
Lecturers: Sreenivas Arramraju Kumar
- 3:35 PM **How to Avoid Complications in the Cath Lab With Case Examples**
Lecturers: Sundeep Mishra
- 3:50 PM **Roundtable Discussion With Audience QA**
- 3:55 PM **CHIP: Success and Regret Cases**
Case Presenter: Prathap Kumar
- 4:10 PM **Roundtable Discussion With Audience QA**
- 4:15 PM **Acute MI and ACS Cases: Mortality and Fortunate Saves**
Case Presenter: Sreenivas Arramraju Kumar
- 4:30 PM **Intravascular Imaging in Complications Management: A Series of Cases**
- 4:42 PM **Roundtable Discussion With Audience QA**
- 4:45 PM **Aortic Aneurysm and Dissection Cases: Difficult Saves and Complications**
Case Presenter: Sreenivas Arramraju Kumar
- 4:57 PM **Roundtable Discussion With Audience QA**

POSTER ABSTRACT SESSIONS

MODERATED POSTER SESSION: CARDIOGENIC SHOCK AND VENTRICULAR ASSIST III

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

Cardiogenic Shock and Ventricular Assist III

Moderators: Timothy D. Henry, Ajay J. Kirtane

Discussants: Mohamad Adnan Alkhouli, Hiram G. Bezerra, Philippe Garot, Italo Porto, Gokul M. Reddy

8:30 AM **TCT 754: Predictors of Mortality and Clinical Outcomes of Acute Severe Cardiogenic Shock Treated With the Impella Device**

Lecturers: Charlene Rohm

8:37 AM **Discussion**

8:42 AM **TCT 755: Impella for Cardiogenic Shock: A Tertiary Care Center Experience 2011-2017**

Lecturers: Benjamin Seguy

8:49 AM **Discussion**

8:54 AM **TCT 756: Acute Mechanical Unloading of the Left Ventricle Increases Functional Perfusion of the Area at Risk by Enhancing the Collateral Flow Index Prior to Reperfusion**

Lecturers: Natalia Briceno

9:01 AM **Discussion**

9:06 AM **TCT 757: Axillary Artery Access for Mechanical Circulatory Support Devices in Patients with Prohibitive Peripheral Arterial Disease Presenting with Cardiogenic Shock**

Lecturers: M Chadi Alraies

9:13 AM **Discussion**

9:18 AM **TCT 758: The Future of Heart Pump technology: Hemodynamic Monitoring of Patients on Temporary MCS Without Additional Invasive Catheters**

Lecturers: Mir Basir

9:25 AM **Discussion**

MODERATED POSTER SESSION: NEW APPROACHES TO ISCHEMIC OR DILATED CARDIOMYOPATHY

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

New Approaches to Ischemic or Dilated Cardiomyopathy

Moderators: Ileana L. Pina, James E. Udelson

Discussants: David A Baran, Peter Carson, Victoria Delgado

8:30 AM **TCT 744: Axillary Intraaortic Balloon Pumps Reduces Time to Ambulation After Ventricular Assist Device Or Transplant for Advanced Heart Failure**

Lecturers: Vinod Chainani, MD

8:37 AM **Discussion**

8:42 AM **TCT 745: Early Results of Revivent Procedure in the Treatment of Patients With Left Ventricular Dilatation and Heart Failure Due to Ischemic Cardiomyopathy**

Lecturers: Yan Wang, MD

8:49 AM **Discussion**

8:54 AM **TCT 746: Can Cardiac MRI Viability Assessment Guide Revascularization Decisions in Patients With Ischemic Cardiomyopathy**

Lecturers: Demetrios Doukas, MD

9:01 AM **Discussion**

9:06 AM **TCT 747: The CardiAMP Heart Failure Study: First Results From Unblinded Roll in Phase**

Lecturers: Peter Johnston

9:13 AM **Discussion**

9:18 AM **TCT 748: Performance of Helix Transendocardial Biotherapeutic Delivery System After 300 Cases**

Lecturers: Eric Duckers, MD

9:25 AM **Discussion**

MODERATED POSTER SESSION: PCI TECHNIQUES AND OUTCOMES

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

PCI Techniques and Outcomes

Moderators: Tim A. Fischell, Alfredo E. Rodriguez

Discussants: Khaldoun Alaswad, Antonio Colombo, Elias Sanidas, João A Silveira, Bernhard Witzenbichler

8:30 AM **TCT 764: Long term Follow up of Covered Stent Implantation**

Lecturers: Daisuke Hahcinohe

8:37 AM **Discussion**

8:42 AM **TCT 765: Effect of PSP and Other Elements of Technique on 3 Year Outcomes Among Metallic Everolimus Eluting Stent Treated Patients in the Absorb Trials**

Lecturers: Stephen G. Ellis

8:49 AM Discussion

8:54 AM **TCT 766: Coronary Perforation Complicating Percutaneous Coronary Intervention in Patients Presenting With An Acute Coronary Syndrome: An Analysis of 1013 Perforation Cases From the British Cardiovascular Intervention Society Database**

Lecturers: Tim Kinnaird

9:01 AM Discussion

9:06 AM **TCT 767: Coronary Artery Aneurysm After Drug Eluting Stenting Incidence Predictors and Outcome A Single Centered Study**

Lecturers: Puneet Aggarwal, MD

9:13 AM Discussion

9:18 AM **TCT 768: Impact of PSP Technique on Clinical Outcomes Following Metallic Drug Eluting Stent Implantations**

Lecturers: Xueyan Zhao, MD

9:25 AM Discussion

Lecturers: Yoon Jung Park, MD

9:13 AM Discussion

9:18 AM **TCT 773: Procedural Volume and Outcome With Radial Or Femoral Access for Percutaneous Coronary Intervention in Patients With St Segment Elevation Myocardial Infarction**

Lecturers: Nam Kyun Kim, MD

9:25 AM Discussion

MODERATED POSTER SESSION: PHARMACOLOGY: DUAL AND TRIPLE ANTI-PLATELET THERAPY I

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:18 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

8:30AM - 9:18 AM

Pharmacology: Dual and Triple Anti-Platelet Therapy I

Moderators: Fausto Feres, Matthew T. Roe

Discussants: Andrea Abizaid, Massoud A. Leesar, Kyung Woo (KW) Park

8:30 AM **TCT 775: A Systematic Review of Randomized and Non Randomized Studies Comparing Dual Therapy With Triple Therapy in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention**

Lecturers: Alexander Sullivan, MD

8:37 AM Discussion

8:42 AM **TCT 776: Duration of Dual Antiplatelet Therapy After Drug Coated Balloon Implantation**

Lecturers: Franz Kleber, MD

8:49 AM Discussion

8:54 AM **TCT 777: Guided De Escalation of DAPT in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention With Bvs Implantation A Post Hoc Analysis From the Randomized TROPICAL ACS Trial**

Lecturers: Lukasz Koltowski, MD

9:01 AM Discussion

9:06 AM **TCT 778: Impact of Ticagrelor and Aspirin vs Clopidogrel and Aspirin in Symptomatic Patients With Peripheral Arterial Disease: Thrombus Burden Assessed by Optical Coherence Tomography**

Lecturers: Mehmet Cilingiroglu, MD

9:13 AM Discussion

MODERATED POSTER SESSION: TAVR AND MV DISEASE OR LAA CLOSURE

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

MODERATED POSTER SESSION: PCI VOLUMES AND OUTCOMES II

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

8:30AM - 9:30 AM

PCI Volumes and Outcomes II

Moderators: Lloyd W. Klein, George W. Vetrovec

Discussants: David A. Cox, Larry S. Dean, Hitinder S. Gurm, Juying Qian, Anand M Rao

8:30 AM **TCT 769: Implementation of A Same Day Discharge Program After Percutaneous Coronary Intervention in Patients With Increased Risk**

Lecturers: Gerardo Nau

8:37 AM Discussion

8:42 AM **TCT 770: Contemporary Trends Readmission Rates and Costs of Same Day Discharge Among Patients Undergoing Elective Percutaneous Coronary Intervention: Department of Veterans Affairs 2008 2016**

Lecturers: Jennifer Rymer, MD

8:49 AM Discussion

8:54 AM **TCT 771: Temporal Trends in Risk Profiles of Patients Receiving Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting: Insights From the Washington State Clinical Outcomes Assessment Program Coap**

Lecturers: Akash Kataruka, MD

9:01 AM Discussion

9:06 AM **TCT 772: Practice Level Variation in initial Treatment Strategy in Patients With Non St Segment Elevation Myocardial Infarction A Multi Level Methodological Approach**

8:30 AM - 9:30 AM

TAVR and MV Disease or LAA Closure

Moderators: Paul A. Grayburn, Karl-Heinz Kuck

Discussants: Krzysztof Bartus, Megan Coylewright, Matthew J Daniels, James B. Hermiller Jr

- 8:30 AM **TCT 740: Impact of Calcific Mitral Stenosis on Survival in Patients With Aortic Stenosis Treated With TAVR**
Lecturers: Anna Sannino, MD
- 8:37 AM **Discussion**
- 8:42 AM **TCT 741: Impact of Transcatheter Aortic Valve Replacement on Mitral Valve Gradients**
Lecturers: Anna Sannino, MD
- 8:49 AM **Discussion**
- 8:54 AM **TCT 742: Percutaneous Left Atrial Appendage Closure Following Transcatheter Aortic Valve Replacement: Results From the Attractive Study**
Lecturers: Liesbeth Rosseel, MD
- 9:01 AM **Discussion**
- 9:06 AM **TCT 743: The Multivalvular Score online App for the Assessment of Patients With Concomitant Mitral and Aortic Valve Disease Candidates to Transcatheter Aortic Valve Implantation: Prospective Validation**
Lecturers: Ignacio Amat-Santos, MD
- 9:13 AM **Discussion**

MODERATED POSTER SESSION: TAVR SIZING

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:18 AM

TAVR Sizing

Moderators: Duane S. Pinto, Joachim Schofer

Discussants: Fayaz Shawl, Robert J. Siegel, William M Suh, Giuseppe Tarantini, Konstantinos Toutouzas

- 8:30 AM **TCT 759: Valve Size As A Predictor of Permanent Pacemaker Implantation in Edwards SAPIEN 3 TAVR Valves A Single Center Experience**
Lecturers: Mansoor Ahmad, MD
- 8:37 AM **Discussion**
- 8:42 AM **TCT 761: Reproducibility of Aortic Annular Area interpretation for Transcatheter Aortic Valve Replacement Among industry Representatives and Physicians Using Multidetector Computed tomography**
Lecturers: Raveen Chawla
- 8:49 AM **Discussion**

8:54 AM **TCT 762: Low incidence of Prosthesis Patient Mismatch Following Extremely Small Transcatheter Aortic Valve Replacement With 20 Mm SAPIEN 3**

Lecturers: Kazuo Okajima, MD

9:01 AM **Discussion**

9:06 AM **TCT 763: Comparative Analysis Evaluating Imaging Modalities for Aortic Annulus Sizing and A Proposed New Technique Utilizing Three Dimensional Trans Esophageal Echocardiography: A Prospective Blinded Study**

Lecturers: George Gellert, MD

9:13 AM **Discussion**

MODERATED POSTER SESSION: TRANRADIAL ACCESS COMPLICATIONS

MONDAY, SEPTEMBER 24, 2018

8:30 AM - 9:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME, MOC

8:30 AM - 9:30 AM

Tranradial Access Complications

Moderators: Ronald Caputo

Discussants: Mazen Abu-Fadel, Marta Bande, Warren J. Cantor, Vladimir Dzavik, Alejandro Goldsmit, Eufracino Sandoval, Yader Sandoval

8:30 AM **TCT 749: Real World Registry on Radial Artery Occlusion Post Cardiac Catheterization By Arterial Duplex Ultrasound**

Lecturers: Wah Wah Htun, MD

8:37 AM **Discussion**

8:42 AM **TCT 750: Radial Artery Occlusion Incidence Predictors and Long Term Outcome After Transradial Catheterization: Clinic Doppler Ultrasound Based Study RAIL TRAC Study**

Lecturers: Puneet Aggarwal, MD

8:49 AM **Discussion**

8:54 AM **TCT 751: Effect of Pigtail Assisted Tracking PAT of Guide Catheter During Transradial Coronary Angioplasty on forearm Complications: A Prospective Randomized Trial**

Lecturers: Naveen Garg, MD

9:01 AM **Discussion**

9:06 AM **TCT 752: Transradial Access is Associated With an Increased of Risk Catheter Induced Coronary Artery Dissection Compared With Transfemoral Access**

Lecturers: Paul Boland, MD

9:13 AM **Discussion**

9:18 AM **TCT 753: Incidence of Compartment Syndrome After Cardiac Catheterization Via Transradial Approach**

Lecturers: Michael Bode, MD

9:25 AM **Discussion**

MODERATED POSTER SESSION: INTERVENTION THERAPIES IN PATIENTS WITH DIABETES MELLITUS II

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 3, Exhibit Hall, Ground Level
Accreditation: CME, MOC

9:30 AM - 10:18 AM

Intervention Therapies in Patients With Diabetes Mellitus II

Moderators: Donald Cutlip, Michael E. Farkouh

Discussants: Jaya Chandrasekhar, Mark Goldberger, Fazila T. Malik, Expedito Eustáquio Ribeiro, Binita Shah, Clemens von Birgelen

- 9:30 AM **TCT 789: Outcomes After PCI With Novel Sirolimus Eluting Stent With Unique Fusion Coating in Patients With Diabetes Mellitus**
Lecturers: Luca Testa
- 9:37 AM **Discussion**
- 9:42 AM **TCT 790: Efficacy and Safety of the Ultrathin Bioresorbable Polymer Sirolimus Eluting Stents vs Thin Durable Polymer Everolimus Eluting Stents for Treatment of Patients With Diabetes Mellitus**
Lecturers: Evan Shlofmitz
- 9:49 AM **Discussion**
- 9:54 AM **TCT 792: Everolimus Eluting vs Biolimus Eluting Stent Implantation in Unselected Patients With and Without Diabetes: A SORT OUT VIII Substudy**
Lecturers: Michael Maeng
- 10:01 AM **Discussion**
- 10:06 AM **TCT 793: 10 Year Outcomes in Patients With and Without Diabetes Treated With First Generation Zotarolimus Eluting and Sirolimus Eluting Stents: The SORT OUT III Study**
Lecturers: Kevin Kris Warnakula Olesen
- 10:13 AM **Discussion**

MODERATED POSTER SESSION: MI DEFINITIONS

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME, MOC

9:30 AM - 10:30 AM

MI Definitions

Moderators: Hector M. Garcia-Garcia, Pascal Vranckx

Discussants: Sripal Bangalore, Mirosław Ferenc, Issam D. Moussa, Duk-Woo Park

- 9:30 AM **TCT 784: Relationship Between Enzymatic Infarct Size and Total Platelet Aggregability During Primary Percutaneous Coronary Intervention in Patients With ST Elevation Myocardial Infarction**

Lecturers: Shinnosuke Kikuchi

- 9:37 AM **Discussion**
- 9:42 AM **TCT 785: Misclassification of Type 2 Myocardial Infarction and its Implication on Outcomes**
Lecturers: Amer Hawatmeh
- 9:49 AM **Discussion**
- 9:54 AM **TCT 786: Clinical Features of Subacute Myocardial Infarction Multicenter Registry From Tokyo CCU Network Database**
Lecturers: Ryosuke Ito
- 10:01 AM **Discussion**
- 10:06 AM **TCT 787: High Sensitive Cardiac Troponin Predicts 2 Years Mortality in Patients With Coronary Artery Disease Subanalysis of the Global Leaders Trial**
Lecturers: Yoshinobu Onuma
- 10:13 AM **Discussion**
- 10:18 AM **TCT 788: Relationship Between Total CK CK MB SCAI and Universal Definition in Determining Peri PCI Myocardial Infarction: Analysis From the Randomized BionICS Trial**
Lecturers: Ori Ben-Yehuda
- 10:25 AM **Discussion**

MODERATED POSTER SESSION: OPTIMAL DIAGNOSIS AND TREATMENT OF PATIENTS WITH STEMI OR NSTEMI III

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 6, Exhibit Hall, Ground Level
Accreditation: CME, MOC

9:30 AM - 10:30 AM

Optimal Diagnosis and Treatment of Patients with STEMI or NSTEMI III

Moderators: Walter Desmet, Bill French

Discussants: YunDai Chen, Maximilian Y Emmert, Jinchen Guo, Sreenivas Arramraju Kumar

- 9:30 AM **TCT 804: Comparative Validation of the ALPHA Score A Novel Risk Model Including Vascular Access Site for Predicting 30 Day Mortality in Patients Treated With Primary PCI**
Lecturers: Istvan Hizoh
- 9:37 AM **Discussion**
- 9:42 AM **TCT 805: Temporal Trends and Outcomes of Percutaneous Ventricular Septal Rupture Closure in ST Elevation Myocardial Infarction in the United States**
Lecturers: Srikanth Yandrapalli
- 9:49 AM **Discussion**
- 9:54 AM **TCT 806: One Year Clinical Outcomes of Intensity Based vs Attained Low Density Cholesterol Based Statin Therapy in Patients With Acute Myocardial Infarction**

Lecturers: Jung-Hee Lee

10:01 AM Discussion

10:06 AM **TCT 807: Post Procedural Intracoronary Physiology Predicts Final Myocardial Injury After STEMI Insights From the OxAMI Study**
Lecturers: Roberto Scarsini

10:13 AM Discussion

10:18 AM **TCT 808: Comparison Between Clopidogrel and the New Oral P2Y12 Inhibitors in the Treatment of Patients With STEMI Undergoing Primary Percutaneous Coronary Intervention**
Lecturers: Martino Pepe

10:25 AM Discussion

Lecturers: Giuseppe Ferrante

10:25 AM Discussion

MODERATED POSTER SESSION: RACIAL AND GENDER DISPARITIES IN CORONARY ARTERY DISEASE AND INTERVENTION II

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Racial and Gender Disparities in Coronary Artery Disease and Intervention II

Moderators: Amisha Patel, Bonnie H. Weiner

Discussants: Christopher Kim, Nadia R Sutton

9:30 AM **TCT 794: Effect of Atrial Fibrillation in Asian Patients With Angina Undergoing Percutaneous Coronary Intervention With Drug Eluting Stents:Results From a Korean Nationwide Study**
Lecturers: Yong Giun Kim

9:37 AM Discussion

9:42 AM **TCT 795: Prognostic Impact of Race in Patients Undergoing PCI: Analysis of 22638 Patients From 10 Randomized Coronary Stent Trials**
Lecturers: Bjorn Redfors

9:49 AM Discussion

9:54 AM **TCT 796: A Paradox in Sex Specific Clinical Outcomes After Bioresorbable Scaffold Implantation: 2 Year Results From the AIDA Trial**
Lecturers: Laura Kerkmeijer

10:01 AM Discussion

10:06 AM **TCT 797: Sex and Racial Disparities in Outcomes for Patients Undergoing Percutaneous Intervention Data From a Large Tertiary Center**
Lecturers: Micaela Iantorno

10:13 AM Discussion

10:18 AM **TCT 798: Evaluation of Sex Differences in One Year Clinical Outcomes Among Patients Treated With the Dual Therapy Combo Stent From the Combo Collaboration**
Lecturers: Jaya Chandrasekhar

10:25 AM Discussion

MODERATED POSTER SESSION: TAVR VS TAVR AND TAVR VS SAVR II

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:06 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

MODERATED POSTER SESSION: PHARMACOLOGY: DUAL AND TRIPLE ANTI-PLATELET THERAPY II

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30AM - 10:30 AM

Pharmacology: Dual and Triple Anti-Platelet Therapy II

Moderators: Tullio Palmerini

Discussants: Usman Baber, Piotr Jankowski, Eliano Pio Navarese

9:30 AM **TCT 814: Meta Analysis of Effects of Short vs Long Term Dual Anti Platelet Therapy After Drug Eluting Stent Implantation in Patients With Coronary Artery Disease**
Lecturers: Hammad Rahman

9:37 AM Discussion

9:42 AM **TCT 815: Meta Analysis of Safety and Efficacy of Proton Pump Inhibitors With Dual Antiplatelet Therapy for Coronary Artery Disease**
Lecturers: Safi Khan

9:49 AM Discussion

9:54 AM **TCT 816: Pretreatment With Dual Anti Platelet Therapy: Findings From Dedicated RCTs Post Hoc Analyses and Observational Studies**
Lecturers: Brandon Kai

10:01 AM Discussion

10:06 AM **TCT 817: Best Duration of Dual Antiplatelet Therapy After Drug Eluting Stent Implantation A Network Meta Analysis of Randomized Controlled Trials**
Lecturers: Mahmoud Barbarawi

10:13 AM Discussion

10:18 AM **TCT 818: Safety and Efficacy of 3 Month Dual Antiplatelet Therapy After Drug Eluting Stent A Network Bayesian Meta Analysis of Randomised Clinical Trials**

9:30 AM - 10:06 AM

TAVR vs TAVR and TAVR vs SAVR II

Moderators: Jean-Claude Laborde, Helge Möllmann

Discussants: Andrea Colli, Khalil Fattouch, Neal Sawlani

9:30 AM **TCT 779: Quality of Life After Surgical and Transcatheter Aortic Valve Replacement in Patients and Their Informal Caregivers: Real World Data Contributing to Establish Value Based Medicine in East Denmark**

Lecturers: Liesbeth Rosseel

9:37 AM **Discussion**

9:42 AM **TCT 780: First Direct Comparison of the Self Expandable Portico vs the Balloon Expandable SAPIEN 3 Device for Trans Catheter Aortic Valve Replacement: A Case Matched Cohort Study**

Lecturers: Mariuca Vasa-Nicotera

9:49 AM **Discussion**

9:54 AM **TCT 783: Procedural and Clinical Outcomes of Newer Generation Transcatheter Aortic Valves vs First Generation Transcatheter Aortic Valves**

Lecturers: Carlos Giuliani

10:01 AM **Discussion**

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE I

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:18 AM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:18 AM

Transcatheter Treatment of MV and TV Disease I

Moderators: Jeroen J. Bax, Scott Lim

Discussants: Sammy Elmariah, Christian Frerker, Tsuyoshi Kaneko, Saurabh Sanon

9:30 AM **TCT 800: Immediate and Long Term Predictor Score of Success After Percutaneous Mitral Balloon Valvoplasty**

Lecturers: Rafael Alexandre Meneguz-Moreno

9:37 AM **Discussion**

9:42 AM **TCT 801: Predictors of Immediate Success and Long Term Clinical Outcomes After Percutaneous Mitral Balloon Valvoplasty in Patients With Rheumatic Mitral Stenosis**

Lecturers: Rafael Alexandre Meneguz-Moreno

9:49 AM **Discussion**

9:54 AM **TCT 802: Effects of Pulmonary Hypertension on Transcatheter Mitral Valve Repair Outcomes: Analysis of the STSACC TVT Registry**

Lecturers: Rasha Al-Bawardy

10:01 AM **Discussion**

10:06 AM **TCT 803: Mitral Valve Repair With a Novel TranseptalNeochordal System: First in Man Experience**

Lecturers: Alberto Weber

10:13 AM **Discussion**

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI II

MONDAY, SEPTEMBER 24, 2018

9:30 AM - 10:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

9:30 AM - 10:30 AM

Vascular Access During PCI II

Moderators: Gary Gershony, Michael A. Kutcher

Discussants: Yu Bo, James Cockburn, Mauricio G. Cohen, Yuji Ikari, Michael C. C. Kim, Ethan C Korngold

9:30 AM **TCT 809: Radial Artery to Sheath Size Ratio in an American Population Implications as to Why Real Time Ultrasound Guided Radial Access May Decrease FailureCrossover Rates**

Lecturers: Jonathan Roberts

9:37 AM **Discussion**

9:42 AM **TCT 810: Novel Distal Transradial Approach for Coronary and Peripheral Interventions**

Lecturers: Avtandil Babunashvili

9:49 AM **Discussion**

9:54 AM **TCT 811: Thumb Arterial Flow Assessment After Radial Artery Compression in the Anatomical Snuffbox Compared to Wrist Level**

Lecturers: Gregory Squeglia

10:01 AM **Discussion**

10:06 AM **TCT 812: The Distal Left Radial Artery for Coronary Angiography and Intervention A Us Experience**

Lecturers: Karim Al-Azizi

10:13 AM **Discussion**

Lecturers: Jason Ross

10:18 AM **TCT 813: Assessing Relative Importance for Attributes of Radial and Femoral Artery PCI Amongst Healthy Online Recruited Volunteers**

Lecturers: Jason Ross

10:25 AM **Discussion**

MODERATED POSTER SESSION: ASD AND PFO CLOSURE III

MONDAY, SEPTEMBER 24, 2018

10:30 AM - 11:30 AM

Moderated Posters 1, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30^{AM} - 11:30^{AM}

ASD and PFO Closure III

Moderators: Eustaquio Maria Onorato, Harsimran Sachdeva Singh

Discussants: Sachin S. Goel, Uzoma Ibebuogu, Kee-Sik Kim, Jorge Palazuelos, Francesco PellICCIA

10:30^{AM} **TCT 819: Patent Foramen Ovale Closure vs Medical Therapy After Cryptogenic Stroke A Systematic Review and Meta Analysis**

Lecturers: Safi Khan

10:37^{AM} **Discussion**

10:42^{AM} **TCT 820: Impact of Atrial Septal Shunt in Patients With Patent Foramen Ovale and Cryptogenic Cerebral Ischemic Events on Acute and Longterm Outcome After Percutaneous Closure**

Lecturers: Julia Seeger

10:49^{AM} **Discussion**

10:54^{AM} **TCT 821: Patent Foramen Ovale Closure in Patients With Cryptogenic Stroke: Meta Analysis of Randomized Controlled Trials**
Lecturers: Fahed Darmoch

11:01^{AM} **Discussion**

11:06^{AM} **TCT 822: Patent Foramen Ovale PFO Closure Compared to Medical Therapy for Prevention of Stroke Recurrence in Cryptogenic Stroke Population Systematic Review and Meta Analysis**

Lecturers: Kais Hyasat

11:13^{AM} **Discussion**

MODERATED POSTER SESSION: CATH LAB OF THE FUTURE: STRATEGIES TO CONTROL RADIATION EXPOSURE III

MONDAY, SEPTEMBER 24, 2018

10:30^{AM} - 11:18^{AM}

Moderated Posters 2, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30^{AM} - 11:18^{AM}

Strategies to Control Radiation Exposure III

Moderators: Todd J. Brinton, Louis A. Cannon

Discussants: Mark C. Bates, M. Nicholas Burke, James A. Goldstein, Ramon L Varcoe

10:30^{AM} **TCT 823: Identification of Patient and Procedural Characteristics Associated With High Radiation Use During TAVI**

Lecturers: Wieneke Vlastra

10:37^{AM} **Discussion**

10:42^{AM} **TCT 824: Statewide Variability in Radiation Doses Exceeding 5 Gy During Percutaneous Coronary Intervention Data From the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative BMC2 Registry**

Lecturers: Thomas Earl

10:49^{AM} **Discussion**

10:54^{AM} **TCT 825: The Right Radial Access for Coronary Angiography Reduces Radiation Exposure Compared to Other Approaches The Experience From a High Volume Center**

Lecturers: Wojciech Zajdel

11:01^{AM} **Discussion**

11:06^{AM} **TCT 826: Effect of Allura Xpef FD10 ECO X Ray Image Processing on Radiation Reduction During Cardiac Catheterization A Single Center 717 Case Experience**

Lecturers: J.R. Exequiel Pineda

11:13^{AM} **Discussion**

MODERATED POSTER SESSION: HOCM OR ALCOHOL SEPTAL ABLATION

MONDAY, SEPTEMBER 24, 2018

10:30^{AM} - 11:30^{AM}

Moderated Posters 3, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30^{AM} - 11:18^{AM}

HOCM or Alcohol Septal Ablation

Moderators: John S. Douglas Jr, Srihari S. Naidu

Discussants: Michael A. Fifer, Alexander Grigorievich Osiev, Igor F. Palacios, Horst Sievert, Qi Zhang

10:30^{AM} **TCT 827: Septal Alcohol Ablation vs Myectomy for Symptomatic Hypertrophic Obstructive Cardiomyopathy An Updated Meta Analysis for Long Term Outcomes**

Lecturers: Mohammed Osman

10:37^{AM} **Discussion**

10:42^{AM} **TCT 828: Clinical Outcomes Following Focal Ablation A New Technique for the Performance of Alcohol Septal Ablation**

Lecturers: Youssef Rahban

10:49^{AM} **Discussion**

10:54^{AM} **TCT 830: Outcomes of Acute Myocardial Infarction in Hypertrophic Obstructive Cardiomyopathy**

Lecturers: Obai Abdullah

11:01^{AM} **Discussion**

11:06^{AM} **TCT 831: Differences in Short Term Outcomes and Cost Between Alcohol Septal Ablation and Septal Myectomy for Hypertrophic Cardiomyopathy in the United States**

Lecturers: Srikanth Yandrapalli

11:13^{AM} **Discussion**

MODERATED POSTER SESSION: LMCA DISEASE AND INTERVENTION III

MONDAY, SEPTEMBER 24, 2018

10:30^{AM} - 11:30^{AM}

Moderated Posters 4, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30^{AM} - 11:30^{AM}

LMCA Disease and Intervention III

Moderators: Andrejs Erglis, Leif Thuesen

Discussants: Alaide Chieffo, Nicolas Foin, Robert J. Gil, Mamas Mamas

10:30^{AM} **TCT 832: Resting Heart Rate At Discharge Predicts Adverse Cardiovascular Outcomes in Patients With Left Main Coronary Artery Disease Revascularized With PCI and CABG: Insights From the EXCEL Trial**

Lecturers: Leon Gustavo Macedo

10:37^{AM} **Discussion**

10:42^{AM} **TCT 833: Does an Occluded RCA Affect Prognosis in Patients Undergoing PCI or CABG for Left Main Coronary Artery Disease Analysis From the EXCEL Trial**

Lecturers: Shmuel Chen

10:49^{AM} **Discussion**

10:54^{AM} **TCT 834: Risk Stratification Using the ACEF Score in Patients Undergoing Percutaneous or Surgical Left Main Revascularization: Insights From the EXCEL Trial**

Lecturers: Bimmer Claessen

11:01^{AM} **Discussion**

11:06^{AM} **TCT 835: Validation of PARIS Risk Scores in Patients Treated With Everolimus Eluting Stents for Left Main Coronary Artery Disease: Analysis From the EXCEL Trial**

Lecturers: Sabato Sorrentino

11:13^{AM} **Discussion**

11:18^{AM} **TCT 836: Unique Calcification Patterns in the Left Main Bifurcation in Patients After Coronary Artery Bypass Grafting**

Lecturers: Rafal Wolny

11:25^{AM} **Discussion**

MODERATED POSTER SESSION: PCI IN HIGH BLEEDING RISK (HBR) PATIENTS III

MONDAY, SEPTEMBER 24, 2018

10:30^{AM} - 11:30^{AM}

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

10:30^{AM} - 11:30^{AM}

PCI in High Bleeding Risk (HBR) Patients III

Moderators: John A. Bittl, Michael Maeng

Discussants: Eric A. Cohen, Gert Richardt, Jean-François Tanguay

10:30^{AM} **TCT 841: Baseline Characteristics and 3 Month Outcomes of the EVOLVE Short DAPT Trial A Prospective investigation of Abbreviated Antiplatelet Therapy in High Bleeding Risk Patients Treated With A Thin Strut Bioabsorbable Polymer Coated Everolimus Eluti**

Lecturers: Ajay J. Kirtane

10:37^{AM} **Discussion**

10:42^{AM} **TCT 842: Patterns of Proton Pump Inhibitor Use in Patients Post Coronary Revascularization Impact of Bleeding Risk on Prescription Patterns**

Lecturers: Kiran Sarathy

10:49^{AM} **Discussion**

10:54^{AM} **TCT 843: Evaluation of Safety and Efficacy of Left and Right Heart Catheterization From Transradial and Antecubital Access in Patients on Anticoagulation**

Lecturers: Felipe Marques

11:01^{AM} **Discussion**

11:06^{AM} **TCT 844: Long Term Risk for Major Bleeding and Ischemic Events After PCI With Implantation of Everolimus Eluting Stents: A Pooled Level Analysis of 8020 Patients**

Lecturers: Sabato Sorrentino

11:13^{AM} **Discussion**

11:18^{AM} **TCT 845: Clinical Impact of Low Platelet Count in Patients With Coronary Arterial Disease After Percutaneous Coronary Intervention**

Lecturers: Sangwoo Park

11:25^{AM} **Discussion**

MODERATED POSTER SESSION: TAVR RISK STRATIFICATION AND OUTCOMES IV

MONDAY, SEPTEMBER 24, 2018

10:30^{AM} - 11:30^{AM}

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

10:30^{AM} - 11:30^{AM}

TAVR Risk Stratification and Outcomes IV

Moderators: Marie-Claude Morice, Christian M. Spaulding

Discussants: David J. Cohen, Bernhard Reimers

10:30^{AM} **TCT 837: Transcatheter Aortic Valve Replacement Outcomes By Procedure Location Catheterization Laboratory vs Operating Room**

Lecturers: Tom Nguyen

10:37^{AM} **Discussion**

10:42^{AM} **TCT 838: The Changing Landscape of Aortic Valve Replacement in the United States Insights From a National Database**

Lecturers: Tanush Gupta

10:49^{AM} **Discussion**

10:54^{AM} **TCT 839: Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis Is More Likely to Improve Than Worsen Ckd Stage: Analysis of the Partner 1 2A and S3 Trials**

Lecturers: Roberto J Cubeddu

- 11:01 AM **Discussion**
- 11:06 AM **TCT 840: The Impact of Transcatheter Aortic Valve Replacement on Short and Long Term Outcomes in High Gradient vs Low Flow Low Gradient vs Paradoxical Low Flow Low Gradient Severe Aortic Stenosis: A Network Meta Analysis of Randomized Controlled Trial**
Lecturers: Abdulah Alrifai
- 11:13 AM **Discussion**
- 11:18 AM **TCT 721: Transcatheter Aortic Valve Replacement in Patients With Chronic Pulmonary Hypertension**
Lecturers: Obai Abdullah
- 11:25 AM **Discussion**

MODERATED POSTER SESSION: THROMBUS AND THROMBUS ASPIRATION DURING STEMI INTERVENTION

MONDAY, SEPTEMBER 24, 2018

10:30 AM - 11:30 AM

Moderated Posters 8, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:18 AM

Thrombus and Thrombus Aspiration During STEMI Intervention

Moderators: Chaim S. Lotan, Robert S. Schwartz

Discussants: Jose L. Leiva-Pons, Verghese Mathew, Sundeep Mishra, Anand M Rao

- 10:30 AM **TCT 851: Histopathological and Scanning Electron Microscopy Thrombus Findings in Patients Undergoing Primary vs Rescue Percutaneous Coronary Intervention**
Lecturers: Stella Marinelli Pedrini
- 10:37 AM **Discussion**
- 10:42 AM **TCT 853: Thrombus Aspiration in Patients With ST Elevation Myocardial Infarction Presenting Late After Symptom Onset Long Term Clinical Outcome of A Randomized Trial**
Lecturers: Anne Freund
- 10:49 AM **Discussion**
- 10:54 AM **TCT 854: The Precise DAPT Score Relationship With Clinical Outcomes After Drug Eluting Stents Implantation and With Thrombotic Ischemic Scores**
Lecturers: Jose M. de la Torre Hernandez
- 11:01 AM **Discussion**
- 11:06 AM **TCT 855: Optical Coherence Tomography Appraisal of Residual Thrombus Burden in Patients With ST Segment Elevation Myocardial Infarction Undergoing High vs Low Bivalirudin Infusion The MATRIX Minimizing Adverse Haemorrhagic Events By Transradial Access**
Lecturers: Hector M. Garcia-Garcia
- 11:13 AM **Discussion**

MODERATED POSTER SESSION: VASCULAR ACCESS DURING PCI III

MONDAY, SEPTEMBER 24, 2018

10:30 AM - 11:30 AM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

10:30AM - 11:18 AM

Vascular Access During PCI III

Moderators: Samir B. Pancholy, Stephen R. Ramee

Discussants: Bruce Bowers, Mina Madan, Nish Patel, Rahul Sakhuja, Wei-Hsian Yin

- 10:30 AM **TCT 846: Multicenter Study of the Efficacy and Safety of Distal Radial Approach in Coronary Angiography and Intervention**
Lecturers: Yukio Mizuguchi
- 10:37 AM **Discussion**
- 10:42 AM **TCT 848: Comparison Between Conventional Access Site Approach and Fully Trans Wrist Approach for Chronic Total Occlusion Percutaneous Coronary Intervention: the Minimalistic Hybrid Approach**
Lecturers: Lorenzo Azzalini
- 10:49 AM **Discussion**
- 10:54 AM **TCT 849: Safety of Transradial Access Compared to Transfemoral Access With Hemostatic Devices Vessel Plugs Suture Devices and Vascular Clips After Percutaneous Coronary Intervention A Systematic Review and Meta Analysis**
Lecturers: Yashasvi Chugh
- 11:01 AM **Discussion**
- 11:06 AM **TCT 850: Early Experience With Ultrasound Guided Distal Trans Radial Access in the Anatomical Snuffbox in Coronary Angiography and Intervention**
Lecturers: Jang Whan Bae
- 11:13 AM **Discussion**

MODERATED POSTER SESSION: CORONARY PHYSIOLOGY IN AMI PATIENTS

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Moderated Posters 7, Exhibit Hall, Ground Level

Accreditation: CME,MOC

11:30AM - 12:30 PM

Coronary Physiology in AMI Patients

Moderators: Stanislaw Bartus, Alan C. Yeung

Discussants: Jozef Bartunek, Nick Curzen, Maurizio Menichelli, Erick Schampaert

- 11:30 AM **TCT 870: Do We Need Wedge Pressure for Calculation of the Index of Microcirculatory Resistance IMR Post Primary Percutaneous Coronary Intervention PPCI in Patients With ST Segment Elevation Myocardial Infarction STEMI**
Lecturers: Grigoris Karamasis
- 11:37 AM **Discussion**
- 11:42 AM **TCT 871: Stratification of the Coronary Flow Impairment in Non Infarcted Related Arteries According to the Coronary Flow Capacity CFC**
Lecturers: Hernan Mejia-Renteria
- 11:49 AM **Discussion**
- 11:54 AM **TCT 872: Quantitative Flow Ratio in Myocardial Infarction for the Evaluation of Non Infarct Related Arteries The QIMERA Pilot Study**
Lecturers: Carlos Cortes
- 12:01 PM **Discussion**
- 12:06 PM **TCT 873: Attenuated Coronary Post Occlusive Flow Increased Inflammatory Environment and Larger Infarct Size in STEMI Patients With Acute Peripheral Vascular Dysfunction**
Lecturers: Nina Van Der Hoeven
- 12:13 PM **Discussion**
- 12:18 PM **TCT 874: Coronary Microvascular Function During STEMI: Real Time Absolute Dynamic Microvascular Resistance in An Experimental Porcine Model Using Controlled Flow Infusion**
Lecturers: Robert S. Schwartz
- 12:25 PM **Discussion**

MODERATED POSTER SESSION: PCI IN THE ELDERLY II

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Moderated Posters 6, Exhibit Hall, Ground Level

Accreditation: CME, MOC

11:30 AM - 12:30 PM

PCI in the Elderly II

Moderators: Matthias Lutz, Mohamed Ahmed Sobhy

Discussants: Khaled Almerri, Francesco Bedogni, Shiro Uemura, Zhibing Wang

- 11:30 AM **TCT 865: Temporal Trends and Outcomes of Fibrinolytic Therapy for ST Elevation Myocardial Infarction Among Patients 80 Years or Older Transferred for Percutaneous Coronary Intervention**
Lecturers: Gbolahan Ogunbayo
- 11:37 AM **Discussion**
- 11:42 AM **TCT 866: Association of Age With the Risk of Thrombotic and Bleeding Event After Percutaneous Coronary Intervention**
Lecturers: Hirotohi Watanabe

- 11:49 AM **Discussion**
- 11:54 AM **TCT 867: Polymer Free Sirolimus Eluting Stents in an Elderly and Octogenarian All Comer Population**
Lecturers: Markus Florian Krackhardt
- 12:01 PM **Discussion**
- 12:06 PM **TCT 868: Drug Eluting Stents and Short Duration of DAPT in Elderly Patients With Coronary Artery Disease Results of the Senior Randomized Clinical Trial at 2 Years**
Lecturers: Olivier Varenne
- 12:13 PM **Discussion**
- 12:18 PM **TCT 869: Two Years Outcomes in Elderly Patients Planned for One Month DAPT After PCI: Subanalysis of the SENIOR Trial**
Lecturers: Olivier Varenne
- 12:25 PM **Discussion**

MODERATED POSTER SESSION: TRANSCATHETER TREATMENT OF MV AND TV DISEASE II

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Moderated Posters 5, Exhibit Hall, Ground Level

Accreditation: CME, MOC

11:30 AM - 12:30 PM

Transcatheter Treatment of MV and TV Disease II

Moderators: Francesco Maisano, Ralph Stephan von Bardeleben

Discussants: Florian Georg Deuschl, Stamatios Lerakis, Carlos E. Ruiz, Bernard Vasseur

- 11:30 AM **TCT 860: Lampoon to Facilitate Tendyne Transcatheter Mitral Valve Replacement From Animal Model to First in Human**
Lecturers: Jaffar M Khan
- 11:37 AM **Discussion**
- 11:42 AM **TCT 861: Predicting Left Ventricular Outflow Tract Obstruction From Transcatheter Mitral Valve Replacement Despite Anterior Mitral Leaflet Resection The Skirt NeoLVOT**
Lecturers: Jaffar M Khan
- 11:49 AM **Discussion**
- 11:54 AM **TCT 862: A More Reliable Method for Predicting Neo LVOT Obstruction After TMVR**
Lecturers: Clare Ward
- 12:01 PM **Discussion**
- 12:06 PM **TCT 863: SCOUT 1 Trial: Impact of Center Experience on Intraprocedural and 30 Day Outcomes**
Lecturers: Charles J. Davidson
- 12:13 PM **Discussion**
- 12:18 PM **TCT 864: Should Tricuspid Valve Repair Be Indicated for Severe Symptomatic Tricuspid Regurgitation Clinical and Procedural Outcomes**

12:25 PM Discussion

MODERATED POSTER SESSION: VULNERABLE PLAQUES AND VULNERABLE PATIENTS II

MONDAY, SEPTEMBER 24, 2018

11:30 AM - 12:30 PM

Moderated Posters 2, Exhibit Hall, Ground Level
Accreditation: CME, MOC

11:30 AM - 12:30 PM

Vulnerable Plaques and Vulnerable Patients II

Moderators: Renu Virmani, Robert L. Wilensky

Discussants: Farouc A Jaffer, Takashi Kubo

11:30 AM **TCT 856: Peri Coronary Adipose Tissue Expresses Pro Inflammatory Activity Which May Affect Coronary Atherosclerosis in Patients With Coronary Artery Disease**
Lecturers: Tomasz Mazurek

11:37 AM Discussion

11:42 AM **TCT 857: A 75 Stenosis Created Turbulent Flow Ruptured Bubbles Cavitation Phenomenon Eroded the Vulnerable Cap and Triggered Acute Myocardial Infarction**
Lecturers: Hoa Bui

11:49 AM Discussion

11:54 AM **TCT 858: Residual Inflammatory Status in Patients With Stable Coronary Artery Disease Undergoing Percutaneous Coronary Intervention**
Lecturers: Deborah Kalkman

12:01 PM Discussion

12:06 PM **TCT 859: Circulating TNFSF14 Predicts Clinical Outcome in Patients With Coronary Artery Disease Underwent Percutaneous Coronary Intervention**
Lecturers: Chien-Yi Hsu

12:13 PM Discussion

EVENING PROGRAMS

EVENING PROGRAM: DAPT AND TRIPLE THERAPY: A CASE-BASED GUIDE TO OPTIMAL ANTIPLATELET THERAPIES (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ASTRAZENCA, BOSTON SCIENTIFIC CORPORATION, CELONOVA BIOSCIENCES, CHIESI USA, INC., MEDTRONIC)

MONDAY, SEPTEMBER 24, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 14-17, Level One

6:00 PM - 6:30 PM

Check-In & Reception

6:30 PM - 8:00 PM

DAPT and Triple Therapy: A Case-based Guide to Optimal Antiplatelet Therapies

Co Chairs: Ajay J. Kirtane, Roxana Mehran

Faculty: Deepak L. Bhatt, C. Michael Gibson, James B. Hermiller Jr, Sunil V. Rao

6:30 PM

Welcome Introductions and Session Goals

Lecturers: Ajay J. Kirtane

EVENING PROGRAM: NEXT GENERATION DES TECHNOLOGY: THE FUTURE IS HERE! (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, MEDTRONIC, AND ORBUSNEICH)

MONDAY, SEPTEMBER 24, 2018

6:00 PM - 8:00 PM

Pacific Ballroom 18-19, Level One

6:00 PM - 6:30 PM

Check-In & Reception

6:30 PM - 8:00 PM

Next Generation DES Technology: The Future is Here!

Co Chairs: Alexandre Abizaid, George D. Dangas, Roxana Mehran

Faculty: Ori Ben-Yehuda, Ajay J. Kirtane, Perwaiz M. Meraj, Matthew J. Price, Patrick W. Serruys, Pieter R. Stella, Philip M. Urban

8:00 PM

Adjourn

HEMODYNAMIC PAVILION

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #9 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Extracorporeal Life Support (ECLS)

8:00 AM

Extracorporeal Life Support ECLS: Overview

Interactive Training Faculty: A. Reshad Garan

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #10 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Extracorporeal Life Support (ECLS)

10:00 AM **Extracorporeal Life Support ECLS: Overview**
Interactive Training Faculty: A. Reshad Garan

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #11 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Extracorporeal Life Support (ECLS)

2:00 PM **Extracorporeal Life Support ECLS: Overview**
Interactive Training Faculty: Maximilian Halbe

TRAINING: HEMODYNAMIC SUPPORT AND PATIENT MANAGEMENT PAVILION #12 - EXTRACORPOREAL LIFE SUPPORT (ECLS)

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

HEMODYNAMIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Extracorporeal Life Support (ECLS)

4:00 PM **Extracorporeal Life Support ECLS: Overview**
Interactive Training Faculty: Francesco Maisano

LBCT DISCUSSIONS

DISCUSSIONS WITH THE LATE BREAKING TRIAL PRINCIPAL INVESTIGATORS III

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:00 PM

Ballroom 6A, Upper Level
Accreditation: CME,MOC

4:00PM - 5:00 PM

Discussions With the Late Breaking Trial Principal Investigators III

Moderators: John A. Bittl, David Erlinge, Takashi Kubo

Discussants: Dániel Aradi, Michael Maeng, Yukiko Nakano, Michael P Savage, Ron Waksman, Bernhard Witzenbichler, Junjie Zhang

4:00 PM **ULTIMATE: Summary and Clinical Implications**

Lecturers: Junjie Zhang

4:05 PM **Discussion**

Discussants: Junjie Zhang

4:15 PM **LRP: Summary and Clinical Implications**

Lecturers: Ron Waksman

4:20 PM **Discussion**

Discussants: Ron Waksman

4:30 PM **OAC ALONE: Summary and Clinical Implications**

Lecturers: Yukiko Nakano

4:35 PM **Discussion**

Discussants: Yukiko Nakano

ABBOTT PAVILION

TRAINING: ABBOTT PAVILION #11 - GUIDEWIRE DESIGN AND SELECTION: A HANDS-ON USER'S GUIDE TO GUIDE WIRE TECHNOLOGY

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

Guidewire Design and Selection: A Hands-on User's Guide to GW Technology

Interactive Training Faculty: David Daniels, Jack Hall, Ethan C Korngold, William Nicholson

8:00 AM **Introduction**

8:05 AM **Didactic on Guidewire Building Blocks and WH wires**

8:15 AM **Hands on Workhorse Wires Activity**

8:30 AM **Polymer Jacketed Wires Overview and Hands on Activity**

8:50 AM **Extra SupportSpecialty wires Overview and Hands on Activity**

9:10 AM **Wiggle wire Overview and Hands on Activity**

TRAINING: ABBOTT PAVILION #12 - NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! - A HANDS-ON SKILLS LAB

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Now That I See It, I Know How to Treat It! - A Hands-on Skills Lab

Interactive Training Faculty: Hiram G. Bezerra, Jonathan M. Hill, Gabriel Tensol Rodrigues Pereira, Armando Vergara-Martel

10:00 AM **OCT: Now that I see It.. Presentation**

TRAINING: ABBOTT PAVILION #13- MITRACLIP NTR & XTR: DEVICE & PROCEDURAL TECHNIQUES

MONDAY, SEPTEMBER 24, 2018

12:00 PM - 1:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM

MitraClip NTR & XTR: Device & Procedural Techniques

Interactive Training Faculty: Bassem Chehab, Paolo Denti, George Gellert, James B. Hermler Jr, Scott Lim, Paul D. Mahoney, Moody M Makar, Michael J. Rinaldi, David G. Rizik

12:00 PM **Introduction**

12:05 PM **Didactic**

12:25 PM **Hands on Session**

**TRAINING: ABBOTT PAVILION #14 - SAVE THAT SIDE BRANCH!
PRESERVING SIDE BRANCH ACCESS: A HANDS-ON PRACTICAL SKILLS
LAB**

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Save That Side Branch! Preserving Side Branch Access: A Hands-on Practical Skills Lab

Interactive Training Faculty: Jean-François Tanguay, Nick E. J. West, Jason Wollmuth

2:00 PM **Introduction**

2:05 PM **Didactic on First SBA Technique and Hand On Guided Session
Technique 1**

2:45 PM **Didactic on Second SBA Technique and Hand On Guided Session
Technique 2**

3:25 PM **Wrap up**

**TRAINING: ABBOTT PAVILION #15 - PFO CLOSURE: RECENT DATA,
TECHNIQUES, AND BEST PRACTICES FOR MANAGING PATIENTS**

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

ABBOTT PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

PFO Closure: Recent Data, Techniques, and Best Practices for Managing Patients

Interactive Training Faculty: Zahid Amin, Patrick A. Calvert, Igal Moarof, Rodrigo Nieckel da Costa, Jens Erik Nielsen-Kudsk

4:00 PM **Introduction**

4:05 PM **PFO Closure: Recent Data Techniques and Best Practices for
Managing Patients**

**TRAINING: BOSTON SCIENTIFIC PAVILION #11 -
IMAGING/PHYSIOLOGY: OPTIMIZE PCI - NEW PHYSIOLOGIC INDICES
AND HIGH DEFINITION IVUS**

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Imaging/Physiology: Optimize PCI - New Physiologic Indices and High Definition IVUS

Interactive Training Faculty: Yiannis S Chatzizisis, David P. Lee, Arnold Seto

8:00 AM **Welcome Remarks**

8:05 AM **Coronary physiology toolbox and new options in non hyperemic
pressure ratios NHPR**

8:12 AM **When to use what in coronary physiology**

8:19 AM **FFR best practices and common artifacts**

8:26 AM **HD IVUS in complex cases**

**TRAINING: BOSTON SCIENTIFIC PAVILION #12 - ROTA PRO PLAQUE
MODIFICATION/VESSEL PREP**

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Rota Pro Plaque Modification/Vessel Prep

Interactive Training Faculty: Emmanouil S. Brilakis, William L. Lombardi, Robert F. Riley, Daniel H. Steinberg

10:00 AM **Welcome Remarks**

10:05 AM **Didactic Presentation: ROTAPRO Rotational Atherectomy System
25 years of proven clinical safety and efficacy**

10:35 AM **Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles**

**TRAINING: BOSTON SCIENTIFIC PAVILION #13 - ROTA PRO PLAQUE
MODIFICATION/VESSEL PREP**

MONDAY, SEPTEMBER 24, 2018

12:00 PM - 1:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00 PM - 1:30 PM

Rota Pro Plaque Modification/Vessel Prep

Interactive Training Faculty: Emmanouil S. Brilakis, Tony J. DeMartini, Robert F. Riley, Daniel H. Steinberg

BOSTON SCIENTIFIC PAVILION

- 12:00 PM **Welcome Remarks**
- 12:05 PM **Didactic Presentation: ROTAPRO Rotational Atherectomy System 25 years of proven clinical safety and efficacy**
- 12:35 PM **Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles**

TRAINING: BOSTON SCIENTIFIC PAVILION #14 - ROTA PRO PLAQUE MODIFICATION/VESSEL PREP

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Rota Pro Plaque Modification/Vessel Prep

Interactive Training Faculty: Tony J. DeMartini, James M. McCabe, Daniel H. Steinberg

- 2:00 PM **Welcome Remarks**
- 2:05 PM **Didactic Presentation: ROTAPRO Rotational Atherectomy System 25 years of proven clinical safety and efficacy**
- 2:35 PM **Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles**

TRAINING: BOSTON SCIENTIFIC PAVILION #15 - ROTA PRO PLAQUE MODIFICATION/VESSEL PREP

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

BOSTON SCIENTIFIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Rota Pro Plaque Modification/Vessel Prep

Interactive Training Faculty: Khaldoon Alaswad, William L. Lombardi, Robert F. Riley, Daniel H. Steinberg

- 4:00 PM **Welcome Remarks**
- 4:05 PM **Didactic Presentation: ROTAPRO Rotational Atherectomy System 25 years of proven clinical safety and efficacy**
- 4:35 PM **Hands On Rotations X5 ROTAPRO Wet Heart Models Consoles**

MEDTRONIC PAVILION

TRAINING: MEDTRONIC PAVILION #10 - CORONARY: OPTIMIZING OUTCOMES IN PATIENTS WITH BIFURCATION LESIONS

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

Coronary: Optimizing Outcomes in Patients With Bifurcation Lesions

Interactive Training Faculty: Francesco Burzotta, David Hildick-Smith, Azeem Latib

- 10:00 AM **Introduction**
- 10:05 AM **Bifurcations a Complex Lesion Subset**
- 10:30 AM **Bifurcation Treatment Techniques**
- 11:00 AM **The Left Main**
- 11:15 AM **Case Discussions QA**

TRAINING: MEDTRONIC PAVILION #11 - STRUCTURAL HEART: FUNDAMENTALS OF CARDIAC ANATOMY AND IMAGING CORRELATION

MONDAY, SEPTEMBER 24, 2018

12:00 PM - 1:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

12:00PM - 1:30 PM

Structural Heart: Fundamentals of Cardiac Anatomy and Imaging Correlation

Interactive Training Faculty: João L Cavalcante, Basel Ramlawi

- 12:00 PM **Introduction**
- 12:05 PM **Anatomy Overview using Various Imaging Modalities for Structural Heart Procedures**

TRAINING: MEDTRONIC PAVILION #12 - CORONARY: DO SIZE AND SHAPE MATTER? HOW TO CHOOSE THE "RIGHT" DIAGNOSTIC AND GUIDE CATHETERS?

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

MEDTRONIC PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Coronary: Do Size and Shape Matter? How to Choose the "Right" Diagnostic and Guide Catheters?

Interactive Training Faculty: Mitchell W. Krucoff

- 2:00 PM **Introduction**
- 2:05 PM **Case Based Learning**
- 2:45 PM **QA and Simulator Hands on**

CHIP PAVILION

TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #9 - LEARN OPTIMAL STEP-BY-STEP TECHNIQUES FOR BIFURCATIONS: PROVISIONAL, TAP, AND DK CRUSH TECHNIQUES

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:30 AM

CHIP - Advanced PCI Techniques Pavilion # 9 - Learn Optimal Step-by-step Techniques for Bi

Interactive Training Faculty: Francesco Burzotta, Kevin J. Croce, George D. Dangas, Kefei Dou, Jens Flensted Lassen, Eric Lindley, Paolo Urena

8:00AM - 8:45 AM

Rapid Fire Case Presentations8:00 AM **Bifurcation Techniques Videos VisibleHeart**
Interactive Training Faculty: Francesco Burzotta8:20 AM **1 vs 2 Stents: Plaque Distribution and Role of Imaging**
Interactive Training Faculty: Kefei Dou8:33 AM **When to Send to Surgery How to Build a Complex LMCABifurcation PCI Practice**
Interactive Training Faculty: Andrew Sharp

8:45AM - 9:30 AM

Hands-on Rotations Between Cordis, Medtronic, And Abbott8:45 AM **Medtronic Featured Devices Radial Stent Models Simulator VH Footage to Loop and Onyx**
Interactive Training Faculty: Francesco Burzotta, Jens Flensted Lassen, Paolo Urena**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #10 - LEARN OPTIMAL STEP-BY-STEP TECHNIQUES FOR BIFURCATIONS: PROVISIONAL, TAP, AND DK CRUSH TECHNIQUES****MONDAY, SEPTEMBER 24, 2018**

10:00 AM - 11:30 AM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:30 AM

CHIP - Advanced PCI Techniques Pavilion # 10 - Learn Optimal Step-by-step Techniques for Bifurcations: Provisional, TAP, and DK Crush Techniques

Interactive Training Faculty: Kevin J. Croce, Kefei Dou, Fausto Feres, Jens Flensted Lassen, Eric Lindley, Michael J. Rinaldi, Kintur Sanghvi

10:00AM - 10:45 AM

Rapid Fire Case Presentations10:00 AM **Optimal Approaches to Bifurcations with step by step**
Interactive Training Faculty: Kevin J. Croce10:20 AM **1 vs 2 Stents: Plaque Distribution and Role of Imaging**
Interactive Training Faculty: Kefei Dou10:33 AM **When to Send to Surgery How to Build a Complex LMCABifurcation PCI Practice**

10:45AM - 11:30 AM

Hands-on Rotations Between Cordis, Medtronic, and Abbott OCT10:45 AM **Medtronic Featured Devices Radial Stent Models Simulator VH Footage to Loop and Onyx**
Interactive Training Faculty: Fausto Feres, Jens Flensted Lassen, Paolo Urena**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #11 - CTO SKILLS 101: HOW TO APPROACH THESE LESIONS****MONDAY, SEPTEMBER 24, 2018**

2:00 PM - 3:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

CHIP - Advanced PCI Techniques Pavilion #11 - CTO Skills 101: How to Approach These Lesion

Interactive Training Faculty: J. Aaron Grantham, Mitul Patel, Ashish Pershad, Catalin Toma, Jennifer A. Tremmel

2:00PM - 2:45 PM

Rapid Fire Case Presentations

2:45PM - 3:30 PM

Hands-on Rotations Between Abbott CTO, Asahi CTO, and Boston Scientific CTO2:45 PM **Asahi CTO Devices**
Interactive Training Faculty: William L. Lombardi, William Nicholson, Ashish Pershad**TRAINING: CHIP - ADVANCED PCI TECHNIQUES PAVILION #12 - CTO SKILLS 101: HOW TO APPROACH THESE LESIONS****MONDAY, SEPTEMBER 24, 2018**

4:00 PM - 5:30 PM

CHIP PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

CHIP - Advanced PCI Techniques Pavilion #12 - CTO Skills 101: How to Approach These Lesion

Interactive Training Faculty: Nidal Abi Rafah, George D. Dangas, J. Aaron Grantham, Farouc A Jaffer, Jaikirshan Khatri, Mitul Patel, Luca Testa, Catalin Toma

4:00PM - 4:45 PM

Rapid Fire Case Presentations

4:45PM - 5:30 PM

Hands-on Rotations Between Abbott CTO, Asahi CTO, Boston Scientific CTO

4:45 PM **Asahi CTO Devices**
Interactive Training Faculty: J. Aaron Grantham, Farouc A Jaffer,
Jaikirshan Khatri

ENDOVASCULAR PAVILION

TRAINING: ENDOVASCULAR PAVILION #9 - DEEP VEIN INTERVENTION: DVT, PE, AND IVUS

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00AM - 9:25 AM

Deep Vein Intervention : DVT, PE, and IVUS Session I

Interactive Training Faculty: Riyaz Bashir, Teresa L. Carman, Raghu Kolluri, Sanjiv Lakhanpal, Robert A. Lookstein, Rahul S. Patel, Sanjum S Sethi

8:00 AM **Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression**

8:10 AM **Rotation 1: DVT Featuring Boston Scientific**

Interactive Training Faculty: Robert A. Lookstein, Rahul S. Patel

8:35 AM **Rotation 2: PE**

Interactive Training Faculty: Riyaz Bashir, Teresa L. Carman, Sanjum S Sethi

9:00 AM **Rotation 3: Venous Compression Featuring Philips**

Interactive Training Faculty: Raghu Kolluri, Sanjiv Lakhanpal

TRAINING: ENDOVASCULAR PAVILION #10 - DEEP VEIN INTERVENTION: DVT, PE, AND IVUS

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00AM - 11:25 AM

Deep Vein Intervention : DVT, PE, and IVUS Session II

Interactive Training Faculty: Jay S. Giri, Sanjiv Lakhanpal, S. Jay Mathews, Sanjum S Sethi, Akhilesh K. Sista

10:00 AM **Introduction: Need for Invasive Treatment of Deep Vein Intervention PE and Venous Compression**

10:10 AM **Rotation 1: DVT Featuring Boston Scientific**

Interactive Training Faculty: Sanjum S Sethi, Akhilesh K. Sista

10:35 AM **Rotation 2: PE**

Interactive Training Faculty: Jay S. Giri

11:00 AM **Rotation 3: Venous Compression Featuring Philips**

Interactive Training Faculty: S. Jay Mathews, Mitchell Weinberg

TRAINING: ENDOVASCULAR PAVILION #11 - SUPERFICIAL VENOUS DISEASE: DIAGNOSIS AND TREATMENT OPTIONS

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00PM - 3:30 PM

Venous Intervention Session III: Superficial Vein Intervention

Interactive Training Faculty: Robert E Foster, Jon C. George, Maja Zaric

2:00 PM **Introduction: Superficial Vein Intervention**

2:10 PM **Hands on Featuring Devices From Medtronic**

TRAINING: ENDOVASCULAR PAVILION #12 - SUPERFICIAL VENOUS DISEASE: DIAGNOSIS AND TREATMENT OPTIONS

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

ENDOVASCULAR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00PM - 5:30 PM

Venous Intervention Session IV: Superficial Vein Intervention

Interactive Training Faculty: Robert E Foster, Raghu Kolluri, Maja Zaric

4:00 PM **Introduction: Superficial Vein Intervention**

4:10 PM **Hands on Featuring Devices From Medtronic**

IMAGING PAVILION

TRAINING: INTERVENTIONAL IMAGING PAVILION #9 - CORONARY CT: DIAGNOSIS, PLANNING, AND INTERVENTIONAL GUIDANCE

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

8:00AM - 9:30 AM

Coronary CT: Diagnosis, Planning, and Interventional Guidance

Interactive Training Faculty: João L Cavalcante, Farouc A Jaffer, Hasan Jilaihawi, Michael C. C. Kim

TRAINING: INTERVENTIONAL IMAGING PAVILION #10 - CORONARY CT: DIAGNOSIS, PLANNING, AND INTERVENTIONAL GUIDANCE

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

10:00AM - 11:30 AM

Coronary CT: Diagnosis, Planning, and Interventional Guidance

Interactive Training Faculty: João L Cavalcante, Farouc A Jaffer, Hasan Jilaihawi, Kendrick A Shunk

TRAINING: INTERVENTIONAL IMAGING PAVILION #11 - CT ANALYSIS FOR TAVR PROCEDURES: PLANNING AND INTERVENTIONAL GUIDANCE

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

2:00 PM - 3:30 PM

CT Analysis for TAVR Procedures: Planning and Interventional Guidance

Interactive Training Faculty: João L Cavalcante, Chad Kliger, Jonathon A. Leipsic, Michael J. Reardon, Rahul Sharma, Dee Dee Wang

TRAINING: INTERVENTIONAL IMAGING PAVILION #12 - CT ANALYSIS FOR TAVR PROCEDURES: PLANNING AND INTERVENTIONAL GUIDANCE

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

Interventional Imaging Pavilion, Interactive Training Workshop, Upper Level

4:00 PM - 5:30 PM

CT Analysis for TAVR Procedures: Planning and Interventional Guidance

Interactive Training Faculty: João L Cavalcante, Chad Kliger, Michael J. Reardon, Rahul Sharma, Dee Dee Wang

TAVR PAVILION

TRAINING: TAVR PAVILION #9 - IMPROVING TAVR SAFETY & AMBULATION WITH THE TEMPO® TEMPORARY PACING LEAD

MONDAY, SEPTEMBER 24, 2018

8:00 AM - 9:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

8:00 AM - 9:30 AM

Improving TAVR Safety & Ambulation with the Tempo® Temporary Pacing Lead

Interactive Training Faculty: Stanley J. Chetcuti, George S. Hanzel, Nikolaos Kakouros, Amar Krishnaswamy, John C. Messenger, Sanjeevan Pasupati, Carlos E Sanchez, Mark W.I. Webster, Brian K. Whisenant, Steven J. Yakubov

8:00 AM **Introduction**

8:05 AM **Tempo Lead Technology Overview**

8:11 AM **Tempo Lead Clinical Results**

8:21 AM **The Tempo Leads Role in Reducing TAVR Length of Stay LOS**

TRAINING: TAVR PAVILION #10 - IMPROVING TAVR SAFETY & AMBULATION WITH THE TEMPO® TEMPORARY PACING LEAD

MONDAY, SEPTEMBER 24, 2018

10:00 AM - 11:30 AM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

10:00 AM - 11:30 AM

Improving TAVR Safety & Ambulation with the Tempo® Temporary Pacing Lead

Interactive Training Faculty: Stanley J. Chetcuti, George S. Hanzel, Nikolaos Kakouros, Amar Krishnaswamy, John C. Messenger, Sanjeevan Pasupati, Carlos E Sanchez, Mark W.I. Webster, Brian K. Whisenant

10:00 AM **Introduction**

10:05 AM **Tempo Lead Technology Overview**

10:11 AM **Tempo Lead Clinical Results**

10:21 AM **The Tempo Leads Role in Reducing TAVR Length of Stay LOS**

TRAINING: TAVR PAVILION #11 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

MONDAY, SEPTEMBER 24, 2018

2:00 PM - 3:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

2:00 PM - 3:30 PM

Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System

Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer, Saib Khogali

2:00 PM **Introduction to LOTUS Edge: Technology and Case Reviews**

2:15 PM **QA**

2:20 PM **Introduction to ACURATE neo2: Technology and Case Reviews**

2:35 PM **QA**

2:40 PM **Introduction to Sentinel Embolic Protection Device**

2:50 PM **QA**

TRAINING: TAVR PAVILION #12 - INNOVATIONS IN TAVR: LOTUS EDGE, ACURATE NEO2, AND SENTINEL CEREBRAL PROTECTION SYSTEM

MONDAY, SEPTEMBER 24, 2018

4:00 PM - 5:30 PM

TAVR PAVILION, Interactive Training Workshops (Sails Pavilion), Upper Level

4:00 PM - 5:30 PM

Innovations in TAVR: LOTUS Edge, ACURATE neo2, and Sentinel Cerebral Protection System

Interactive Training Faculty: Alexandre Abizaid, Vijay Iyer

- 4:00 PM **Introduction to LOTUS Edge: Technology and Case Reviews**
- 4:15 PM **QA**
- 4:20 PM **Introduction to ACURATE neo2: Technology and Case Reviews**
- 4:35 PM **QA**
- 4:40 PM **Introduction to Sentinel Embolic Protection Device**
- 4:50 PM **QA**

6:30AM - 7:00 AM
Check-in & Breakfast

7:00AM - 8:00 AM
Integrating Physiology and Imaging Into the Cath Lab: What Technology Should I Use, and How and When Should I Use It?
Co Chairs: Gary S. Mintz, Francesco Prati
Faculty: Javier Escaned, Takashi Kubo

- 7:00 AM **How Do I Assess an Intermediate Lesion FFR iFR Angio FFR**
Lecturers: Javier Escaned
- 7:15 AM **Discussion**
- 7:20 AM **What Is the Status of Vulnerable Plaque Detection**
Lecturers: Takashi Kubo
- 7:30 AM **Discussion**
- 7:35 AM **How Do I Optimize Metallic Stent Implantation**
Lecturers: Francesco Prati
- 7:55 AM **QA**
- 8:00 AM **Adjourn**

TUESDAY, SEPTEMBER 25, 2018

BREAKFAST PROGRAMS

BREAKFAST PROGRAM: GUIDEWIRE DESIGN AND SELECTION: A USER'S GUIDE (SPONSORED BY CRF, SUPPORTED BY ABBOTT, ASAHI INTECC USA, INC., BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)

TUESDAY, SEPTEMBER 25, 2018

6:30 AM - 8:00 AM
Room 1, Upper Level

6:30AM - 7:00 AM
Check-in & Breakfast

7:00AM - 8:00 AM
Guidewire Design and Selection: A User's Guide
Co Chairs: Emmanouil S. Brilakis, George D. Dangas, Ajay J. Kirtane
Faculty: Antonio Colombo, Paul Knaapen

- 7:00 AM **Welcome and Introductions**
Lecturers: Ajay J. Kirtane
- 7:02 AM **Matching Guidewire Design to Function: 2018 Updates**
Lecturers: George D. Dangas
- 7:12 AM **Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation**
Lecturers: Emmanouil S. Brilakis
- 7:24 AM **Using All Tools at Your Disposal for Wiring and Troubleshooting: Case Examples**
Lecturers: Antonio Colombo
- 7:36 AM **CTO Wires: Antegrade and Retrograde Case Examples**
Lecturers: Paul Knaapen
- 7:48 AM **Audience QA and Discussion**
- 8:00 AM **Adjourn**

BREAKFAST PROGRAM: INTEGRATING PHYSIOLOGY AND IMAGING INTO THE CATH LAB - WHAT TECHNOLOGY SHOULD I USE, AND HOW AND WHEN SHOULD I USE IT? (SPONSORED BY CRF, SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC, AND MEDTRONIC)

TUESDAY, SEPTEMBER 25, 2018

6:30 AM - 8:00 AM
Room 2, Upper Level

MAIN ARENA

MAIN ARENA IV, TUESDAY, SEPT 25

TUESDAY, SEPTEMBER 25, 2018

8:00 AM - 1:00 PM
Main Arena, Hall F, Ground Level
Accreditation: CME,CNE,MOC,ASRT

- 8:00AM - 9:00 AM
My Best Complications (Ones That Worked Out)
Moderators: Howard C. Herrmann, Gregg W. Stone
Discussants: Hadi Abu-Hantash, Vikas Aggarwal, Gary Gershony, Stefan Harb, Reginald I. Low, Francesco Maisano, Christoph A. Nienaber, Curtiss T. Stinis, Bernhard Witztenbichler
- 8:00 AM **Massive Perforation After Coronary Atherectomy**
Case Presenter: George D. Dangas
- 8:12 AM **Right Heart Catheterization is Not Always Benign**
Case Presenter: Giuseppe Tarantini
- 8:24 AM **Severe Aortic Dissection**
Case Presenter: D. Christopher Metzger
- 8:36 AM **Subclavian Artery Rupture and Avulsion**
Case Presenter: Oscar A. Mendiz
- 8:48 AM **Chordal Rupture During Hemodynamic Support**
Case Presenter: Mark Reisman
- 9:00AM - 10:00 AM
TCT Awards: Best Abstract, Best Challenging Case, Most Fascinating Lecture
Award Presenters: Alexandre Abizaid, Gary S. Mintz, Patrick W. Serruys, Gregg W. Stone