



# COMPLEX CARDIOVASCULAR CATHETER THERAPEUTICS

**Advanced Endovascular and Coronary  
Intervention Global Summit**

**JUNE 28-JULY 1, 2016**  
**HILTON BONNET CREEK/WALDORF ASTORIA**  
**ORLANDO, FLORIDA**

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- Advanced Operator CTO Workshop
- Fellows and Young Practitioner Boot Camp
- Peripheral Arterial and Venous CTO Summit
- Nurse and Technologist Symposium

**Main C<sup>3</sup> Conference takes place Wednesday, June 29 – Friday, July 1**

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For more information, contact  
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DEAR COLLEAGUES,

ON BEHALF OF THE C<sup>3</sup> CO-CHAIRS AND SCIENTIFIC COURSE ORGANIZERS, PLEASE ALLOW ME TO EXTEND BEST WISHES FOR A PROSPEROUS 2016.

As C<sup>3</sup> enters into its' second decade, we want to thank you for your longstanding patronage, and extend an invitation to join us in Orlando this June 2016. C<sup>3</sup> once again takes place at the Hilton Bonnet Creek/Waldorf Astoria.

Our mission is to deliver education and innovation through a global exchange of scientific research, new techniques and technologies, and to improve patient care through best practices. At the core of C<sup>3</sup> are the live demonstrations and lectures by world leaders in interventional cardiac and vascular medicine. I want to take an opportunity to thank our international collaborators – China Bifurcation Summit, CCT Japan, India Live, Cardio Alex, Combat AMI, Encore Seoul, Cardiology Society of Argentina, Euro Bifurcation Club, Euro CTO Club, Japan CTO Club, and many other organizations who add a global perspective towards the standardization of important interventional techniques. C<sup>3</sup> 2016 will also host multiple joint international sessions to deliver more opportunities with world-renowned faculty.

We offer a more personalized approach to find answers to the difficult questions arising in daily clinical practice. An entirely reworked conference schedule will also include critically important sessions on how we, as healthcare providers, must adapt to a new era of scrutiny of practices, outcomes and cost-effectiveness.

As in prior years, C<sup>3</sup> will prioritize the education of the next generation of physicians, with a greatly expanded fellow and young practitioner program. Best practices will be emphasized through challenging cases, scientific abstract presentations, and publications sessions. By popular demand, the Nurse and Technologist symposium returns to focus on the newest techniques in cardiac catheterization laboratory.

This venue provides exceptional conference facilities and the opportunity for relaxation and entertainment for yourself and your family. The hotel provides free shuttle service to Disney attractions, a world-class golf resort, superb restaurants, beautiful spas and recreational facilities.

In 2016, we will again look to advances in our specialty by celebrating the legends who have paved the way for innovation and the welfare of countless patients. Be sure to put this "must attend" conference on your calendar!

Best,

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# CME INFORMATION

## LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Use cardiovascular risk reduction measures and anticoagulant and antiplatelet therapy in patients with atherosclerotic cardiovascular disease
- Apply knowledge about the safety and efficacy of drug-eluting stents to clinical practice
- Discuss the natural history, pathophysiology, and treatment options for patients with valvular and structural heart defects
- Summarize the role of thrombus management in treatment of coronary and peripheral arterial interventions
- Differentiate various imaging techniques and how they may be utilized to examine the pathophysiology of cardiovascular disease and guide treatment decisions
- Apply current therapeutic options for the treatment of femoropopliteal disease and critical limb ischemia to improve quality of life and limb salvage
- Discuss financial considerations of cardiovascular medicine in various settings

## TARGET AUDIENCE

C<sup>3</sup> 2016 has been designed for physicians who specialize in interventional cardiology, vascular surgery and interventional radiology; as well as fellows, residents, and other healthcare professionals interested in atherosclerotic cardiovascular disease.

## ACCREDITATION STATEMENT

The Academy for Continued Healthcare Learning (ACHL) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



## CREDIT DESIGNATION

This activity is approved for **AMA PRA Category 1 Credits™**.

Provider approved by the California Board of Registered Nursing, Provider Number 14803 for 52 contact hours.

This activity will provide Category A+ CE credit through ASRT.

## MAINTENANCE OF CERTIFICATION

Successful completion of this CME activity enables the participant to earn up to 52 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC points.



## FUNDING

C<sup>3</sup> 2016 is funded by educational grants from various commercial organizations, which have no control over program content. Please visit [www.c3conference.net](http://www.c3conference.net) for a list of commercial supporters and contributors from the 2015 conference. A final list will be available onsite.

## DISCLOSURE INFORMATION

Current guidelines require that participants in CME/CE activities be made aware of all affiliations or financial interests that may be perceived as affecting the presentation of the faculty member. ACHL ensures that all faculty and staff involved in the planning, development, and implementation of ACHL activities disclose all potential conflicts of interest and resolve them before the CME/CE activity occurs. Complete information will be provided to participants prior to the start of the educational activity.



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## 2016 KEYNOTE SPEAKERS

### ● VALENTIN FUSTER, MD



Dr. Valentin Fuster serves as Physician-in-Chief and Professor of Medicine at Mount Sinai School of Medicine in New York. His translational research has greatly added to our understanding of the pathogenesis of coronary artery disease and thrombosis. His achievements have many "firsts", including understanding the role of platelets in heart disease, as well as the revelation that plaque composition plays a crucial role in plaque

rupture. Amongst many awards and accolades, he received the 2012 AHA Research Achievement Award, Lewis A. Conner Memorial, and the Herrick Award. Dr. Fuster has published more than 800 research papers and is the editor of two textbooks, as well as editor of the prestigious journal, *JACC*. He is a recipient of the Andreas Gruentzig Scientific Award and the Gold Medal Award of the European Society of Cardiology. The ACC has named Dr. Fuster a distinguished scientist and legend in cardiovascular medicine. C<sup>3</sup> is privileged to present Dr. Fuster as our Keynote Speaker and Legend on Wednesday, June 29 at 9:00 am. This is truly a lecture not to miss.

### ● WILLIAM A. GRAY, MD



Dr. William Gray is an interventional cardiologist and nationally recognized leader in endovascular and structural cardiac medicine who has been appointed System Chief of the Division of Cardiovascular Disease at Main Line Health. He has been instrumental in growing the field of endovascular medicine through clinical training program development. In addition to his clinical expertise, he has significant

research experience, having served as principal investigator for more than 50 clinical trials of coronary, endovascular and structural heart interventions. In the past 10 years, Dr. Gray has led several clinical studies leading to FDA approval or clearance for new interventional devices. His contributions to scientific literature include more than 100 peer reviewed journal articles, several book chapters, and the co-authored textbook, *Vascular Medicine: Therapy and Practice*, now in its second edition. Dr. Gray earned his medical degree from Temple University School of Medicine, and completed an internal medicine residency and year as chief resident at Brown University/Rhode Island Hospital, where he also completed cardiology and interventional cardiology fellowships. He serves on the editorial board of *JACC Cardiac Interventions* and is a reviewer for several other peer-reviewed cardiovascular publications.

# LEAGUE OF LEGENDS

Hosted by RAJESH DAVE, MD, FACC, FSCAI

Be inspired by legends in cardiovascular intervention, and celebrate their journeys and accomplishments. The audience will have the opportunity to ask questions during the session and learn from legendary physician leaders.



## ● ALAIN CRIBIER, MD

Professor Alain Cribier is a pioneer in the field of aortic and mitral valve disease, and has served as Director of Cardiology at Charles Nicolle Hospital, University of Rouen, France. Dr. Cribier became widely recognized for having performed the first balloon dilatation of the aortic valve for the treatment of calcific aortic stenosis in 1985, and after 10 years of research, the first implantation of an aortic valve prosthesis using cardiac catheterization techniques in 2002. This last innovation has opened a revolutionary, less invasive way of treating aortic stenosis in patients at high-risk for conventional surgery. The procedure, which was criticized at its early phases, is today recognized by the medical community as a breakthrough with a lasting impact on medicine. Dr. Cribier also pioneered development of a new technique for percutaneous dilation of the mitral valve, the commissurotome device, aimed at improving the cost-efficacy of the treatment of mitral stenosis, an endemic disease in developing countries. Dr. Cribier has received many scientific distinctions and awards in France, Europe, the United States, South America and Asia for his pioneering work. In 2012 he was awarded the French Legion of Honor.



## ● PETER FITZGERALD, MD

Dr. Peter Fitzgerald is a Professor of Cardiovascular Medicine, Director, Center for Cardiovascular Technology and Innovation, and Director, Core Cardiovascular Analysis Laboratory (CCAL). He has led or participated in over 150 clinical trials and published over 450 manuscripts and chapters. Dr. Fitzgerald heads the Stanford/Asia MedTech Innovation program. He has been principle or founder of 18 medical device companies in the San Francisco Bay Area; 12 of these start-ups have transitioned to become large medical device companies. Dr. Fitzgerald serves on several boards of directors and has advised dozens of medical device start-ups, as well as multinational healthcare companies in the design and development of new diagnostic and therapeutic devices in the cardiovascular arena. He received his MD and PhD from Dartmouth Medical School, and completed his residency and cardiology fellowship at UCSF.



## ● DAVID HOLMES, MD

Dr. David Holmes is a Professor of Medicine in the Department of Cardiovascular Diseases at Mayo Clinic and is the Edward W. and Betty Knight Scripps Professor in Cardiovascular Medicine. He has been at the forefront of therapeutic cardiovascular technologies that have helped to transform the field. Dr. Holmes has authored 178 book chapters and has co-authored 17 books. He has been a national principal investigator and co-investigator in more than 70 NIH-sponsored studies, and most notably, the ground breaking PROTECT AF trial. Despite a list of honors that includes the American College of Cardiology Distinguished Scientist Award and an Honorary Fellowship of the Royal College of Physicians of Ireland, Dr. Holmes considers his most significant contribution to medicine to be furthering team-based care. Having helped advance the field of cardiology through scientific pursuit, he has also contributed to its legacy by mentoring a generation of cardiologists. His trainees can be found in prestigious positions across the globe.

## ● PETER LIBBY, MD

Dr. Peter Libby is the previous Chief of Cardiovascular Medicine at Brigham and Women's Hospital in Boston, Massachusetts. He serves as the Mallinckrodt Professor of Medicine at Harvard Medical School. Dr. Libby has received numerous awards and recognitions for his research accomplishments, most recently the Gold Medal Award of the European Society of Cardiology (2011), Distinguished Scientist Award from ACC (2006), and the Basic Research Prize of the American Heart Association (2011). An author and lecturer on cardiovascular medicine and atherosclerosis, he is one of the editors of Braunwald's Heart Disease, having served as the Editor-in-Chief of the 8th edition. Dr. Libby has contributed chapters on the pathogenesis, treatment, and prevention of atherosclerosis to Harrison's Principles of Internal Medicine. He has held numerous visiting professorships and has been selected to deliver more than 70 named or keynote lectures throughout the world. His current major research focus is the role of inflammation in vascular diseases such as atherosclerosis. Concepts that have evolved from his scientific work have changed thinking about how this common disease begins, the mechanisms that link risk factors to altered biology of the arterial wall, and the pathophysiology of the thrombotic complications of atherosclerosis, including myocardial infarction and ischemic stroke. Clinical application of these discoveries has led to tests that can predict cardiovascular events and identify individuals who can benefit from therapies not otherwise indicated.



## ● FELIX MAHLER, MD

Dr. Felix Mahler is widely known as the first physician in the world to perform renal angioplasty. He is the former Department Head of Angioplasty at University of Bern, Switzerland. He has published more than 200 original research papers in his tenure. Dr. Mahler is currently President of the Swiss National Cardiovascular Network, and has been principle and co-principle investigator in numerous clinical trials.



## ● THOMAS McNAMARA, MD

Dr. McNamara is a graduate of the University of Minnesota Medical School, and is a winner of the AOA Award. He completed his internal medicine internship at UCSF, Diagnostic Radiology Residency at UCSF. Dr. McNamara is a Visiting Assistant Professor in cardiovascular radiology at Stanford, Assistant Professor at Vanderbilt Medical Center, and is currently in private practice in California and Nevada. He was also the Chief of Vascular Interventional Radiology at UCLA from 1989 through 2008, and he is a Professor Emeritus UCLA School of Medicine. Dr. McNamara's major interests and publications include venous and arterial thrombolysis for peripheral vascular obstructions, acute limb ischemia, and critical limb ischemia.



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# PERSONALITIES OF INNOVATION

**Thursday, June 30 in the Coronary Main Theatre**

### ● JOHN SIMPSON, MD

Dr. Simpson's inventions have touched millions of patients around the world. He is one of the major pioneers of interventional cardiology. At the same time, he is a soft-spoken approachable man with an excellent sense of humor and easygoing demeanor. After watching Andreas Gruentzig perform balloon angioplasty, Dr. Simpson developed the first over-the-wire balloon and founded Advanced Cardiovascular Systems, Inc, which later became Guidant. Since then he developed SilverHawk Atherectomy and is now working with Ocelot and Pantheris devices. Dr. Simpson is a great role model for our younger attendees as they launch their own independent careers. He illustrates how discoveries can be used to generate new ideas and products in the business world, and especially in entrepreneurial ventures.



### ● CLIVE MEANWELL, MD, PhD

Dr. Meanwell is a visionary, leader and innovator who is the founder and CEO of The Medicines Company. He has been on the Board of Directors of numerous companies including BB Biotech AG, The Medicines Company, Endo Pharmaceuticals Holdings, Inc, and MPM Capital LP to name a few. He was a key person in developing Bivalirudin - a revolutionary foundation anticoagulant that has served countless patients. He is recipient of the Dr. Sol J. Barer Award for vision, innovation and leadership. Dr. Meanwell is a visionary who is not afraid to challenge status quo, and is an innovator respected by patients and caregivers for his compassion and commitment to patient care.



### ● MARVIN L. WOODALL

Marvin Woodall is the former president of Johnson & Johnson Interventional Systems Co. (JJIS). Mr. Woodall's illustrious career most recently included serving as CEO of CRF from 2006-2009. He is part of the Board of Directors for numerous medical and healthcare companies and hospitals. In 1995, he initiated a research program at JJIS/Cordis that led to the first drug-coated stent, Cypher. He was also actively involved in bringing the first ever balloon expandable coronary stent, Palmaz-Schatz™, to the market. He is a recipient of numerous awards and has given keynote speeches for many conferences. He is an inspiration to young innovators and company executives who aspire to bring revolutionary technology to market.





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Saint Peter's University Hospital, Robert  
Wood Johnson University Hospital  
Somerset, NJ

**MAYANK PATEL, MS, FACS**  
East Tremont Vascular Health Care  
Bronx, NY

**RAGHOTHAM PATLOLA, MD, FACC,  
FSCAI**  
Cardiovascular Clinic of Hattiesburg  
Hattiesburg, MS

**TIMIR PAUL, MD, PhD**  
East Tennessee State University  
Johnson City, TN

**ASHISH PERSHAD, MD, FSCAI**  
Banner University Medical Center Phoenix  
Phoenix, AZ

**RUSSELL PETRANTRO, DPM**  
Ocean County Foot & Ankle Surgical  
Associates, PC  
Toms River, NJ

**SARAH POWERS, BS, RCIS, RCES**  
Valencia College  
Winter Garden, FL

**ANTONIS PRATSOS, MD**  
Bryn Mawr Hospital  
Wynnewood, PA

**ASAD QAMAR, MD, FACC, FSCAI**  
Institute of Cardiovascular Excellence  
Ocala, FL

**RAMON QUESADA, MD**  
Miami Cardiac & Vascular Institute  
Miami, FL

**TANVEER RAB, MD, FACC, FSCAI**  
Emory University  
Atlanta, GA

**REZA RAJEBI, MD**  
Mayo Clinic  
Rochester, MN

**VENKATESH RAMAIAH, MD**  
Arizona Heart Institute & Hospital  
Phoenix, AZ

**MARK RANSON, MD**  
Florida Hospital  
Orlando, FL

**MAHMOOD RAZAVI, MD**  
St. Joseph Heart & Vascular Center  
Orange, CA

**MICHAEL REARDON, MD**  
Houston Methodist Hospital  
Houston, TX

**DAVID RIZIK, MD**  
Scottsdale Healthcare Heart Group  
Scottsdale, AZ

**WILLIAM ROBERTS, MD**  
Baylor University Medical Director  
Dallas, TX

**GREGORY ROBERTSON, MD, FSCAI**  
Emory University  
Atlanta, GA

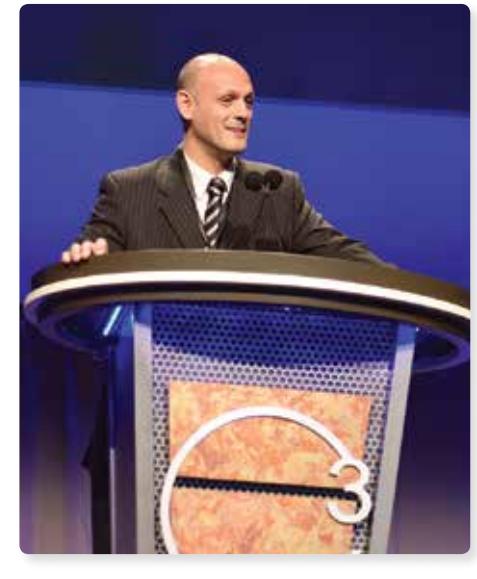
**MARTIN ROTHMAN**  
Medtronic, Inc.

**GARY ROUBIN, MD, PHD**  
Cardiovascular Associates of the  
Southeast  
Birmingham, AL

**VINAY SATWAH, DO, RPVI**  
Center for Vascular Medicine  
Greenbelt, MD

**SANJEEV SAXENA, MD, MBA**  
Appalachian Cardiovascular Associates  
Fort Payne, AL

**FAYEZ SHAMOON, MD, FSCAI, FACC**  
St. Joseph's Regional Medical Center  
Cedar Grove, NJ





# INVITED FACULTY

## US FACULTY

**SAMIN SHARMA, MD**  
Mount Sinai Medical Center  
New York, NY

**FAYAZ SHAWL, FACC, FSCAI**  
Washington Adventist Hospital  
Takoma Park, MD

**THOMAS SHIMSHAK, MD, FACC, FSCAI**  
Florida Hospital  
Sebring, FL

**MEHDI SHISHEHBOR, DO, MPH, PhD**  
Cleveland Clinic  
Cleveland, OH

**RICHARD SHLOFMITZ, MD**  
St. Francis Hospital  
Roslyn, NY

**ADHIR SHROFF, MD, MPH**  
University of Illinois - Chicago & Jesse  
Brown VA Medical Center  
Chicago, IL

**CHUCK SIMONTON, MD**  
Abbott Vascular  
Santa Clara, CA

**RICHARD SOLA, MD**  
Clearwater Cardiovascular Consultants  
Safety Harbor, FL

**PETER SOUKAS, MD, FACC, FSCAI**  
Warren Alpert School of Medicine of  
Brown University  
Providence, RI

**AMIT SRIVASTAVA, MD, FACC**  
Bay Area Heart Center  
Tierra Verde, FL

**DANIEL STEINBERG, MD, FSCAI**  
Medical University of South Carolina  
Charleston, SC

**KEITH STERLING, MD**  
Inova Alexandria Hospital  
McLean, VA

**ZAHEED TAI, DO**  
Bostick Heart Center, Winter Haven  
Hospital  
Lakeland, FL

**BRADLEY TAYLOR, MD**  
University of Maryland Medical Center  
Baltimore, MD

**ADAM TEICHMAN, DPM**  
PA Foot and Ankle Associates  
Macungie, PA

**CRAIG THOMPSON, MD**  
Boston Scientific Corporation  
Maple Grove, MN

**CATALIN TOMA, MD**  
University of Pittsburgh Medical Center  
Pittsburgh, PA

**ON TOPAZ, MD**  
Richmond, VA

**ALEXANDER TRUESDELL, MD**  
Virginia Heart  
McLean, VA

**VENKAT TUMMALA, MD**  
Lakeland Vascular Institute  
Lakeland, FL

**MARC TURCO, MD**  
Medtronic, Inc.  
Alexandria, VA

**BRANAVAN UMAKANTHAN, DO**  
Nevada Heart and Vascular Center  
Henderson, NV

**BALJEET SINGH UPPAL, MBBS**  
Our Lady of Lourdes  
Surprise, AZ

**TUDOR VAGAONESCU, MD, FSCAI**  
RWJ University Hospital  
Princeton, NJ

**VINCENT VARGHESE, DO, FACC, FSCAI**  
Deborah Heart and Lung Center  
Cherry Hill, NJ

**FRANK VEITH, MD**  
New York University and The Cleveland  
Clinic  
Bronx, NY

**ANTHONY VENBRUX, MD**  
The George Washington University  
Medical Center  
Washington, DC

**GEORGE VETROVEC, MD, MACC,  
MSCAI**  
Virginia Commonwealth University  
Richmond, VA

**FELIX VLADIMIR, MD**  
University of Washington  
Seattle, WA

**MICHELLE WAGNER, PA-C**  
Wagner Consulting, LLC  
Granville, OH

**RON WAKSMAN, MD, FSCAI**  
Washington Hospital Center/  
Cardiovascular Research Institute  
Washington, DC

**ANDREAS WALI, MD, FACC, FSCAI**  
CCA/Holy Spirit Cardiovascular Institute  
Camp Hill, PA

**CRAIG WALKER, MD, FACC**  
Cardiovascular Institute of the South  
Houma, LA

**JEFFREY WANG, MD**  
Shady Grove Adventist Hospital  
Rockville, MD

**BRYAN WELLS, MD**  
Emory University Hospital Midtown  
Atlanta, GA

**STEVE WESTON, MD**  
Azura Medical Spa and Weston MedSurg  
Center  
Belmont, NC

**RODNEY WHITE, MD**  
Harbor - UCLA Medical Center  
Torrance, CA

**CHRISTOPHER WHITE, MD, MScAI**  
Ochsner Clinical School and Ochsner  
Medical Institutions  
New Orleans, LA

**LARRY WHITNEY, MD**  
Lakeland Vascular Institute/Lakeland  
Regional Medical Center  
Lakeland, FL

**MARK WHOLEY, MD, FSCAI, FSIR**  
UPMC Shadyside  
Pittsburgh, PA

**JOHN WINSOTT, MD**  
University of Mississippi Medical Center  
Jackson, MS

**DEMITRIS YANNOPOULOS, MD**  
University of Minnesota  
Minneapolis, MN

**ROBERT YEH, MD, MSC**  
Harvard Medical School  
Boston, MA

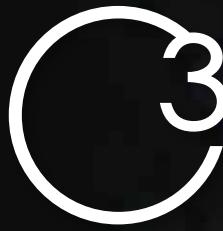
**RAMZAN ZAKIR, MD, FACC, FSCAI**  
Saint Peter's University Hospital  
New Brunswick, NJ

**WAYNE ZHANG, MD, FACS**  
Louisiana State University Medical School-  
Shreveport  
Shreveport, LA

**DAVID ZHAO, MD, FSCAI**  
Wake Forest Baptist Health  
Lewisville, NC

**WEI ZHOU, MD**  
Stanford University  
Palo Alto, CA

**JOHN ZIMMERMAN, RN, MSN**  
Bon Secours Memorial Regional Medical  
Center  
Mechanicsville, VA



# LIFETIME CAREER ACHIEVEMENT AWARDS

Please join us on Thursday, June 30 to celebrate the accomplishments and distinguished careers of these C<sup>3</sup> Lifetime Career Achievement Award winners.

## B.K. GOYAL, MD

Dr. B.K. Goyal's name is synonymous with "Father of Cardiology" in India. He was the Professor of Cardiology at the University of Bombay. Dr. Goyal has the unique distinction of being decorated with the Padma Shri, Padma Bhushan, and Padma Vibhushan, which are the highest civilian awards given by the Indian government. He is the former Mayor of Mumbai, one of the greatest cities in the world. He is the Chief Interventional Cardiologist and Honorable Director of Bombay Hospital Post Graduate Institute of Medical Sciences, and has been responsible for the establishment of Bombay Hospital as Post Graduate Institute of Medical Sciences. He has regularly participated as faculty in many prestigious interventional conferences worldwide. Even with his years of experience, he tirelessly works to improve lives of countless patients. He is the President of the Indian College of Interventional Cardiology, and is an internationally acclaimed cardiologist, advocate for medical education, and a social activist contributing immensely to cardiology in India.



## IMAD SHEIBAN, MD

Dr. Imad Sheiban is the Director of Cardiology at the Pederzoli Hospital, Verona, Italy. He completed graduate and postgraduate studies at The University of Padua, Italy, and served as Professor of Cardiology at The University of Turin, and later as Director of Interventional Cardiology at The University of Turin. Dr. Sheiban has served as the Director of Cardiac Catheterization Laboratory and Interventional Cardiology at The San Rafael Hospital, Milan. He participated in several international clinical trials on DES, primary PCI, multivessel disease, and dedicated device trials in interventional cardiology. He has published over 500 articles and abstracts in a wide variety of national and international medical journals. He is an invited speaker with numerous conferences worldwide. Dr. Sheiban's research interests include coronary bifurcation, restenosis, left main revascularization, and stent delivery systems. He is a holder of three international patents for dedicated devices for bifurcation treatment. He has actively participated in C<sup>3</sup> since its inception, and is now guiding C<sup>3</sup> as a Course Co-Director. His career symbolizes excellence in clinical care and evidence-based application of techniques and education. Dr. Sheiban has been a tireless teacher for interventional techniques in Asian countries and this contribution has helped countless patients.



## WASAN UDAYACHALERM, MD

Dr. Wasan Udayachalerm is Associate Professor of Physiology and Senior Interventional Consultant at Cardiac Center in King Chulalongkorn Memorial Hospital, Bangkok, Thailand. He is now President of The Cardiovascular Intervention Association of Thailand (CIAT) and member of the Heart Association of Thailand under the Royal patronage of H.M. The King and has played a primary role in establishing and standardizing interventional cardiology education in Thailand. He is widely published in international cardiovascular journals and is an invited speaker in conferences worldwide. His research interests include coronary CTO and complex PCI. As a PCI operator, he is internationally recognized and frequently travels for proctorship programs, especially in CTO and advanced interventional techniques. From the inception of C<sup>3</sup>, Dr Udayachalerm has been actively involved in the scientific committee and now serves as a Course Co-director.





# COURSES & PROGRAMS

## FELLOWS AND YOUNG PRACTITIONER COURSE

C<sup>3</sup> is committed to training the next generation of young physicians to meet the growing demands of cardiovascular services. We are excited to continue with our fellows' courses taking place Tuesday, June 28. These specialized courses supplement the advanced training that fellows receive through their institutions and include one-on-one time with C<sup>3</sup> faculty in an informal setting.

### SOME OF THE SESSIONS INCLUDED ARE:

- Fundamentals in Coronary Intervention
- Equipment and Intravascular Imaging
- Teach the Teacher
- Complex PCI
- Difficulties and Complications

If you have any questions about the Fellows Program, please contact Alicia Graf at [agraf@achlcme.org](mailto:agraf@achlcme.org) or 773-714-0705, ext. 153.

## NURSE & TECHNOLOGIST PROGRAM

The Nurse & Technologist Program experienced great attendance and interest in 2015, and we look forward to carrying on with this tradition!

This full-day session on Tuesday, June 28 concludes again with the popular Hands-on Workshop with simulators brought in to expand on knowledge in the areas of Chronic Total Occlusion, PCI, Imaging, Hemodynamic Support, LAA-Occlusion, and TAVR!

### SOME OF THE SESSIONS INCLUDED ARE:

- State of the Union in Cardiac Catheterization Labs
- Acute Coronary Syndrome PCI: Putting Guidelines into Practice
- Hemodynamics and Support Devices
- Imaging in the Cath Lab
- Rich Emotional Case Experiences as Presented by the Nurse and Technologist
- New Procedures and Innovative Technology
- Special Considerations in the Cath Lab



## EXHIBIT HALL SESSIONS

**Tuesday, June 28 – Thursday, June 30**

Join us for case presentation sessions from Tuesday, June 28 – Thursday, June 30 from 5:00 – 6:00 PM in the Exhibit Hall! Pre-selected cases will be assigned each night to highlight important topics affecting our daily clinical practice and the cardiology field today.



## CALL FOR ABSTRACTS AND CASES

Physicians from around the world are invited to submit an abstract or case, as either an oral or a poster presentation, to take place during the C<sup>3</sup> Conference. The primary author of an approved submission will receive a listing of Associate Faculty in the final program.

**All submissions must be made electronically through the online portal located at [www.c3conference.net](http://www.c3conference.net).** This website includes topic selection, guidance for preparing presentations, and additional details on formatting for oral and poster presentations. Abstract submissions through the online portal allow for copy and paste of text, while case submissions allow for uploading of a file.

Upon review by the C<sup>3</sup> Scientific Committee, individuals will be notified of acceptance status via email and will receive additional details at that time. The order in which submissions are received has no bearing on selection or inclusion in C<sup>3</sup> 2016. There is no fee for this opportunity. **The submission deadline is Friday, May 13, 2016.**

If an entry is approved, details will be provided by email regarding:

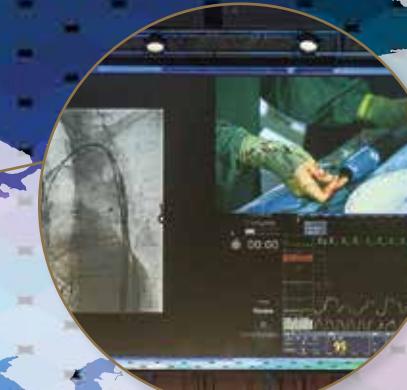
- Complimentary registration for all sessions
- Complimentary accommodations at Hilton Bonnet Creek (maximum of 4 nights)

\*Travel or any other expenses are not covered by C<sup>3</sup>

If accepted, your submission constitutes a formal agreement to present a poster or oral presentation in the session and time assigned by the C<sup>3</sup> Scientific Committee. Selected abstracts will be published online in the *Journal of Invasive Cardiology* or *Vascular Disease Management*.



# LIVE CENTERS



## UNITED STATES

### DELRAY MEDICAL CENTER

Delray Beach, FL  
BRIJESHWAR MAINI, MD

### FLORIDA HOSPITAL, HEARTLAND MEDICAL CENTER

Sebring, FL  
THOMAS SHIMSHAK, MD

### RUSH UNIVERSITY MEDICAL CENTER

Chicago, IL  
BULENT ARSLAN, MD

### CENTER FOR VASCULAR MEDICINE

Greenbelt, MD  
**PREREcorded LIVE CASE SITE**  
VINAY SATWAH, MD and NILESH BALAR, MD

### HOLY SPIRIT HOSPITAL/ORTENZIO HEART CENTER

Camp Hill, PA  
**PREREcorded LIVE CASE SITE**  
RAJESH DAVE, MD, FACC, FSCAI and ANDREAS U. WALI, MD

## INTERNATIONAL

### FUWAI HOSPITAL

Beijing, China  
CHANG SHU, MD

### RIGS HOSPITAL, COPENHAGEN UNIVERSITY OF HEALTH AND MEDICAL SCIENCES

Copenhagen, Denmark  
LARS SONDERGAARD, MD

### STAR HOSPITAL

Ahmedabad, India  
TARUN MADAN, MD

### ESCORTS HEART INSTITUTE

New Delhi, India  
ASHOK SETH, MD

### MEDANTA, THE MEDICITY

New Delhi, India  
RAJNEESH KAPOOR, MD and BALBIR SINGH, MD

### APOLLO HOSPITAL

Hyderabad, India  
V. SURYAPRAKASH RAO, MD

### ISTITUTO CLINICO "CITTÀ DI BRESCIA" HOSPITAL

Brescia, Italy  
LANFROI GRAZIANI, MD

### FERRAROTTO HOSPITAL

University of Catania, Italy  
CORRADO TAMBURINO, MD

### POLICLINICO ABANO TERME

Padova, Italy  
MARCO MANZI, MD

### BARTS HEART CENTER

London, United Kingdom  
ELLIOTT SMITH, MD

### SKANE UNIVERSITY HOSPITAL

Lund, Sweden  
MATTHIAS GOTBERG, MD, PHD and JAN HARNEK, MD



# AGENDA-AT-A-GLANCE

WEDNESDAY 29

## CORONARY TRACK

|         |  |
|---------|--|
| 7.00am  | Left Main and Multivessel Disease Intervention: Perspectives from Argentina In Partnership with CACI Colegio Argentino de Cardioangiologos Intervencionistas |
| 8.00am  |  |
| 8.30am  |  |
| 8.50am  | C <sup>3</sup> Opening Ceremony and Keynote Lecture  |
| 9.00am  |  |
| 9.30am  | Evolution of Coronary Stenting Concepts: Part 1: Bioresorbable Scaffold  |
| 10.00am |  |
| 10.30am |  |
| 11.00am | League of Legends with Dr. David Holmes and Dr. Alain Cribier  |
| 11.30am |  |
| 12.00pm |  |
| 12.30pm | Vessel Preparation in the Modern Era of Percutaneous Coronary Interventions  |
| 2.00pm  | European Bifurcation Club and C <sup>3</sup> Joint Partnership Session: Fundamentals and Consensus in Bifurcation Lesions                                    |
| 2.45pm  | Technical Aspects of the Most Commonly Used Techniques of Bifurcation Angioplasty  |
| 3.30pm  |  |
| 4.00pm  | Special Issues in Bifurcation  |
| 6.00pm  | Evening Reception  |
| 6.30pm  | All You Need to Know: Essentials of OCT Image Interpretation   |

## ENDOVASCULAR TRACK

|         |   |
|---------|---|
| 7.00am  | Role of Outpatient Laboratory in Endovascular Intervention        |
| 8.30am  | Endovascular Therapies Keynote Presentation                       |
| 9.00am  | Critical Limb Ischemia Part 1: Wounds and Tools of the Trade      |
| 10.00am | Meet the Legends  |
| 11.00am | Critical Limb Ischemia Part 2: Wounds and Tools of the Trade      |
| 12.00pm | Lunch Symposium   |
| 2.00pm  | Drug-eluting Technologies in Treatment of Femoropopliteal Disease |
| 3.00pm  |   |
| 3.45pm  | Management of Popliteal and Infrarenal Aortic Aneurysm            |
| 5.30pm  | Evening Reception   |
| 6.00pm  | Society of Vascular Medicine Meets C <sup>3</sup>                 |

## CONCURRENT THEATER 1

|         |   |
|---------|---|
| 8.00am  |   |
| 9.15am  |   |
| 10.30am |   |
| 12.00pm |   |
| 2.00pm  | Updates in Treatment of ACS   |
| 3.30pm  | C <sup>3</sup> and Japan Partnership Session: Complex Coronary Intervention Session               |
| 3.45pm  |   |
| 5.30pm  | Evening Reception   |
| 6.00pm  | International Joint Session with Korean Complex Cardiovascular Intervention: Complex Intervention |

## CONCURRENT THEATER 2

|         |  |
|---------|--|
| 8.30am  |  |
| 10.00am | Podiatry Session 1   |
| 12.00pm | Lunch Symposium  |
| 2.00pm  | Basics in Evaluating Venous Disorders: How to Evaluate Patient and Live Ultrasound Imaging |
| 4.00pm  | Live Ultrasound Imaging for Venous Disorders   |

TUESDAY 28

## PRE-CONFERENCE SYMPOSIA

|               |  |
|---------------|--|
| 8.00am-5.00pm | Advanced Coronary CTO Operator Summit                  |
| 8.00am-5.15pm | Fellow and Young Practitioner Course                   |
| 8.00am-5.00pm | Peripheral Arterial and Venous CTO Summit              |
| 8.00am-5.30pm | Nurse and Technologist Symposium and Hands-on Workshop |

THURSDAY 30

FRIDAY 1

|   |         |
|---|---------|
| International Joint Partnership Session: Greece at C <sup>3</sup>   | 7.00am  |
|   | 8.00am  |
| Structural Heart Disease Conclave: TAVR, Mitral Valve Clipping, and LAA Occluders                                 | 8.30am  |
|   | 8.50am  |
| League of Legends with Dr. Peter Fitzgerald   | 9.00am  |
| Personalities of Innovation   | 9.30am  |
| League of Legends with Dr. Alain Cribier  | 10.00am |
| FFR Session   | 10.30am |
|   | 11.00am |
| Lunch Symposium   | 12.00pm |
|   | 12.30pm |
| Company CMO Hour: Why My Company Has the Best to Offer for Your Patients  | 2.00pm  |
|   | 2.45pm  |
| Euro CTO Club and Japan CTO Club: Our Trends in CTO Intervention (Joint Partnership Session with C <sup>3</sup> ) | 3.30pm  |
|   | 4.00pm  |
|   | 6.00pm  |
|   | 6.30pm  |
| Introduction to Endovascular Management of Aortic Dissection: How do I Start this Program                         | 7.00am  |
|   | 8.30am  |
| Atherectomy Summit  | 9.00am  |
|   | 10.00am |
| Company CMO Hour: What Innovation will we Bring to the Market in Future?  | 11.00am |
|   | 12.00pm |
| Lunch Symposium   | 12.00pm |
| Management of Deep Venous Thrombosis and Pulmonary Embolism   | 2.00pm  |
|   | 3.00pm  |
| Venous Case Files of Deep Venous Thromboembolism: How to Do this Case?  | 3.45pm  |
|   | 5.30pm  |
|   | 6.00pm  |
| Coronary CTO Core Concepts: Part 1  | 8.00am  |
|   | 9.15am  |
| Coronary CTO Core Concepts: Part 2  | 10.30am |
|   | 12.00pm |
| Advances in Drug-eluting Stents: Bioresorbable Scaffolds and Biodegradable DES (BP/DES)                           | 2.00pm  |
|   | 3.30pm  |
| Lunch Symposium   | 3.45pm  |
| A Picture Says a Thousand Words – Interventional Imaging  | 5.30pm  |
|   | 6.00pm  |
| International Joint Session with Vietnam Society of Cardiology  |         |
| Management of Venous Hypertension and Reflux  | 8.30am  |
|   | 10.00am |
| Lunch Symposium   | 12.00pm |
| Podiatry Session 2  | 2.00pm  |
|   | 4.00pm  |

Over 30 companies will display their products in our exhibit hall. We are excited to offer a more robust hall this year, including interactive evening sessions from June 28-30 with drinks and appetizers. Case presentations will be given by experts in the field.

# TUES 6.28 PRELIMINARY AGENDA

## FELLOWS AND YOUNG PRACTITIONER COURSE

|                     |  |
|---------------------|--|
| 8:00 am - 10:00 am  | <b>SESSION 1: FUNDAMENTALS IN CORONARY INTERVENTION</b>  |
|                     | <ul style="list-style-type: none"> <li>› Introduction of the Course: Goals and Objectives</li> <li>› Coronary Angiography, Anatomy and Its Variants</li> <li>› Radiation Safety: Simple Tricks to Manage the Problem or Become a Hulk</li> <li>› Access: All Roads Lead to the Heart – Radial, Femoral and Difficult Scenarios</li> <li>› Hemodynamics in the Cath Lab: Indications, Pitfalls, and Utility</li> <li>› Interventional Pharmacology I – Heparin, Bivalirudin</li> <li>› Interventional Pharmacology II – Antiplatelets</li> <li>› Primer on Guidewires and Guide Catheters</li> <li>› Peripheral Angiography for Cardiologist</li> </ul> |
| 10:00 am - 12:45 pm | <b>SESSION 2: EQUIPMENT AND INTRAVASCULAR IMAGING</b>  |
|                     | <ul style="list-style-type: none"> <li>› Adequate Imaging and Guide Selection for Complex Anatomy</li> <li>› Interpretation of Intravascular Imaging- IVUS</li> <li>› Proper Acquisition and Interpretation of OCT</li> <li>› State of the Art Review: FFR in Carotid Artery Disease</li> <li>› Contrast-induced Nephropathy – Prevention and Management</li> <li>› Basics of Different Stent Platforms</li> <li>› Bioabsorbable Vascular Scaffolds</li> <li>› Why, When and How I Should Manage a Bifurcation Lesion</li> <li>› Ten Steps</li> <li>› Vein Graft Interventions - How to Optimize Results?</li> </ul>                                   |
| 12:45 pm - 2:00 pm  | <b>SESSION 3: TEACH THE TEACHER - PART I</b>   |
|                     | <ul style="list-style-type: none"> <li>› History of Coronary Interventions</li> <li>› Case Presentations</li> </ul>  |
| 2:00 pm - 3:15 pm   | <b>SESSION 4: COMPLEX PCI</b>  |
|                     | <ul style="list-style-type: none"> <li>› Rotational Atherectomy – When and How to Do It</li> <li>› Orbital Atherectomy: Set-up, Ideal Techniques, and Case Selection</li> <li>› Why, When and How I Should Manage a CTO Lesion</li> <li>› Toolbox: Which Wires, Catheters, and Re-entry Devices Are a Must Have</li> </ul>   |



|                   |  |
|-------------------|--|
| 3:15 pm - 5:15 pm | <b>SESSION 5: DIFFICULTIES AND COMPLICATIONS</b>   |
|                   | <ul style="list-style-type: none"> <li>› When the Balloon is Not Crossing, What's Next?</li> <li>› When the Stent is Not Crossing, What's Next?</li> <li>› Management of Dislodged Stent and Broken Wires</li> <li>› Types of Coronary Perforations and How to Manage Pericardiocentesis</li> <li>› Acute Vessel Closure</li> <li>› Resistant Thrombus: What Should I Do?</li> <li>› Access Closure and Retroperitoneal Bleed: How to Recognize, Avoid and Manage When it Occurs</li> <li>› Cardiac Arrest and Mechanical Circulatory Support Devices</li> <li>› My Top Recommendation for Early Career Interventionalists after Graduation</li> </ul> |



## NURSE AND TECHNOLOGIST SYMPOSIUM

|                     |  |
|---------------------|--|
| 8:00 am - 9:05 am   | <b>STATE OF THE UNION IN CARDIAC CATHETERIZATION LABS</b>  |
|                     | <ul style="list-style-type: none"> <li>› Welcome and Introduction</li> <li>› Effective Clinical Documentation for Cardiac Cath Lab Personnel</li> <li>› ICD-10 Knowledge for Procedural Charges</li> <li>› Cath Lab Nurse &amp; Technologist Keynote – Year in Review: Top 10 Important Trials in Interventional Cardiology, 2015-2016</li> </ul>  |
| 9:05 am - 10:10 am  | <b>ACUTE CORONARY SYNDROME PCI: PUTTING GUIDELINES INTO PRACTICE</b>   |
|                     | <ul style="list-style-type: none"> <li>› STEMI PCI Concepts: Culprit vs. Multivessel PCI and Thrombectomy: Never, Always or Occasionally</li> <li>› Optimal Time and Agent (P2Y12/ADP) Initiation: In Ambulance, ER or Cath Lab?</li> <li>› Have We Reached Consensus on Foundation Anticoagulant in the Cath Lab: Heparin vs Bivalirudin</li> <li>› Revisiting IV Antiplatelets Therapy during PCI: Cangrelor or Heparin with bailout GP IIb-IIIa Inhibitors</li> </ul> |
| 10:10 am - 10:45 am | <b>HEMODYNAMICS AND SUPPORT DEVICES</b>  |
|                     | <ul style="list-style-type: none"> <li>› Utility of Right Heart Catheterization and Hemodynamics in Shock</li> <li>› Hemodynamic Support Devices for Shock and High-risk PCI: When and Which One?</li> </ul>   |
| 10:45 am - 12:30 pm | <b>IMAGING IN THE CATH LAB</b>   |
|                     | <ul style="list-style-type: none"> <li>› Avoiding Pitfalls in FFR Measurement and Interpretation</li> <li>› Clinical Significance of IVUS Guidance in PCI: Essentials in Image interpretation</li> <li>› Understanding the Image and Acquisition of OCT</li> <li>› Interventional Echocardiography: The Most Common Scenarios</li> <li>› Emerging Frontiers in Cath Lab Imaging: Fusion Imaging</li> </ul>   |
| 12:30 pm - 1:30 pm  | <b>RICH EMOTIONAL CASE EXPERIENCES AS PRESENTED BY THE NURSE AND TECHNOLOGIST</b>  |
|                     | <ul style="list-style-type: none"> <li>› My Best Case of the Year: Case Presentations and Discussions</li> <li>› My Most Teachable Case of the Year: Case Presentations and Discussions</li> </ul>   |

## NEW PROCEDURES AND INNOVATIVE TECHNOLOGY

- › Bioabsorbable Scaffold: Current Evidence and Deployment Technique
- › Biodegradable Polymer and Polymer Free DES: Do They Have Any Advantages Over Current Durable Polymer DES
- › When Do I Select LAA Occlusion as a Therapeutic Option for Stroke Prevention in Atrial Fibrillation
- › Catheter-based Treatment of Mitral Regurgitation: To Repair or Replace?
- › Future Innovations in TAVR Technology: New Valves

## SPECIAL CONSIDERATIONS IN THE CATH LAB

- › How to Approach Coronary Perforation and Tamponade in the Cath Lab?
- › Management of Slow Flow and No Re-flow in the Cath Lab: What Agents Work and How Best to Deliver Them
- › Reducing Radiation Exposure: Implications and Best Practices
- › Proper Set-up, Best Practices and Hemostasis with Radial Approach
- › Coronary CTO: Proper Set-up, and the Latest Tools of Trade

## HANDS-ON WORKSHOP: CHRONIC TOTAL OCCLUSION, PCI, IMAGING, HEMODYNAMIC SUPPORT, LAA-OCCLUSION, AND TAVR (NON-CME)



# TUES 6.28 PRELIMINARY AGENDA

|                    |   |
|--------------------|---|
| 8:00 am - 9:30 am  | <b>CONQUER THE VASCULAR CTO: ARTERIAL AND VENOUS – PART 1: CHALLENGE OF AORTOILIAC CTO</b>  |
|                    | <ul style="list-style-type: none"> <li>› Welcome and Introduction</li> <li>› Making the Case for Iliac CTO Crossing from a Brachial Approach: 0.035 inch Polymer Jacketed Wire-based Technique</li> <li>› Crossing Iliac CTO from a Femoral Approach: Wire-based Technique with or without Reentry</li> <li>› 0.014/0.018 inch Wire-based Techniques in Iliac CTO Crossing</li> <li>› Nightmare Perforation in Iliac: How to Manage</li> <li>› Nightmare Perforations in the Aorta: How to Manage</li> <li>› Embolization in Aortoiliac CTO Treatment: How to Manage and Avoid</li> </ul>   |
| 9:30 am - 12:00 pm | <b>PART 2: TAKING ON TOUGH FEMOROPPOPILTEAL CTO</b>   |
|                    | <ul style="list-style-type: none"> <li>› How to Cross Hard Calcified CTO with Wires: A Case for 0.035 inch Polymer Jacketed Wire</li> <li>› Crossing Hard Calcified Femoropopliteal CTO with Dedicated 0.014 and 0.018 Wire</li> <li>› Dispelling the Myth of Subintimal vs. True Lumen Crossing and its Impact on Outcomes</li> <li>› How To Get Popliteal Access without Turning the Patient in the Prone Position</li> <li>› Occluded Femoral Stent and Wire Goes Outside the Stent While Crossing: What Are Solutions?</li> <li>› Tibial Access for Femoropopliteal Crossing: Tip and Tricks</li> <li>› What to do when Standard Wire/Catheter Fail to Cross Arterial CTO</li> <li>› How Best to Use Crossing Devices in Femoropopliteal CTO: OCELOT, Crosser, and More</li> <li>› Calcified CTO: I Crossed with Wire but Nothing is Crossing: What Do I Do?</li> <li>› Tips and Tricks of Using Reentry Devices</li> <li>› Nightmares in Femoropopliteal: CTO 1</li> <li>› Nightmares in Femoropopliteal: CTO 2</li> </ul> |
| 12:00 pm - 1:30 pm | <b>REDEFINING ADVANCED PAD TREATMENTS: IMPROVING OUTCOMES OF CALCIFIED VESSELS IN CLI (NON-CME)</b>   |
|                    | <ul style="list-style-type: none"> <li>› Endovascular First for CLI and Impact of Revascularization on Wound Healing</li> <li>› The Challenges and Consequences of Calcium and Treating CLI Patients</li> <li>› Insights from Clinical Trial Data: Clinical Predictors of Calcium and Impact on Outcomes</li> <li>› Access Solutions and Tips &amp; Tricks to Achieve Optimal Orbital Atherectomy Results</li> <li>› Future of Endovascular: Should OAS be the Default before DCB's? Insights from Bench Studies</li> </ul>   |

|                   |   |
|-------------------|---|
| 2:00 pm - 3:45 pm | <b>PART 3: MANAGING LONG AND DIFFICULT BTK CTO'S</b>  |
|                   | <ul style="list-style-type: none"> <li>› How to Cross BTK CTO with Polymer Jacketed Wires: Tested and True</li> <li>› How to Cross BTK CTO with Contemporary 0.014 inch Wires</li> <li>› Using Collateral Pathways to Cross BTK CTO</li> <li>› Reconstructing or Using Plantar Loop to Cross BTK CTO</li> <li>› A Tutorial in Obtaining a Peroneal Artery Access</li> <li>› Fluoroscopic Guided Pedal Access: How to Do It?</li> <li>› Ultrasound Guided Pedal Access: Core Concepts Made Dummy Proof</li> <li>› Nightmares in BTK CTO Treatment: Part 1-2</li> </ul>   |
| 3:45 pm - 5:00 pm | <b>PART 4: VENOUS CTO</b>   |
|                   | <ul style="list-style-type: none"> <li>› Access Site and Choice of Wires for Crossing Iliac Vein CTO</li> <li>› Brachiocephalic and IVC Occlusion Crossing: Options of Treatment</li> <li>› ABC's of Balloon Angioplasty and Stenting in Iliocaval Venous Occlusion</li> <li>› Occluded IVCs and Brachiocephalic Veins CTO: Use of Sharp Tools</li> <li>› Radiofrequency Wire Crossing of Iliac Vein CTO</li> <li>› Strategies for Anticoagulation after Venous CTO Revascularization</li> <li>› Complications Related to Stenting Innominate/Subclavian Vein CTO: Short- and Long-term</li> </ul>  |
| 6:00 pm - 6:30 pm | <b>EVENING RECEPTION</b>  |
| 6:30 pm - 8:00 pm | <b>EVENING SYMPOSIUM</b>  |
|                   | <b>INTERNATIONAL JOINT SESSION WITH KOREAN COMPLEX CARDIOVASCULAR INTERVENTION (CCI) GROUP: COMPLEX PERIPHERAL INTERVENTION SESSION</b>   |
|                   | <ul style="list-style-type: none"> <li>› Catheter-based Thrombectomy and Endovascular Treatment in a Patient with Iliac Vein Compression Syndrome</li> <li>› Different Successful Revascularization Techniques for BTK Lesions without Visible Distal Stump</li> <li>› IVUS-guided Percutaneous Transluminal Angioplasty following Failure of Retrograde Approach in Stumpless Long Femorotibial CTO Lesion</li> <li>› Emergent Surgical Conversion at Hybrid Suite Due to Massive Bleeding during Endovascular Therapy of Leriche's Syndrome</li> <li>› Usefulness of Kissing Balloon Angioplasty in a Patient with a BTK True Bifurcation Lesion</li> <li>› Is Patent Foramen Ovale (PFO) Device Occlusion Necessary for Cryptogenic Cerebral Infarction?</li> <li>› Successful External Piercing Technique in a CLI Patient with Heavily Calcified Lesion</li> </ul> |

## ADVANCED CORONARY CTO OPERATOR SUMMIT (NON-CME)

|                     |  |
|---------------------|--|
| 8:00 am - 9:25 am   | <b>SESSION 1: CTO PCI – BASIC CONCEPTS</b>   |
|                     | <ul style="list-style-type: none"> <li>› Introduction and Welcome</li> <li>› I Don't Treat CTOs Now: How to Start?</li> <li>› Case Selection and Techniques for the Antegrade-only Operator</li> <li>› J-CTO, Algorithm, and the Progress Score: Their Use in Clinical Practice</li> <li>› How to Angiographically Access a CTO</li> <li>› The Very Minimal Toolbox: What is Essential</li> </ul>                                  |
| 9:15 am - 11:30 am  | <b>SESSION 2: CTO ADVANCED CONCEPTS</b>  |
|                     | <ul style="list-style-type: none"> <li>› Contemporary CTO Toolbox: Wires and Microcatheters</li> <li>› Update on Antegrade Wire-based Approach: New Tricks and Wire Escalation</li> <li>› Contemporary Approaches in Retrograde Recanalization</li> <li>› Advances in Antegrade Dissection Re-entry</li> <li>› How to Elegantly Fail at CTO PCI</li> <li>› Complications: What to Expect and How to Stay out of Trouble</li> </ul> |
| 11:30 am - 11:45 am | <b>SESSION 3: NOTABLE CASE FILES: PART 1</b>   |
|                     | <ul style="list-style-type: none"> <li>› Case Presentations</li> </ul>   |
| 12:00 pm - 2:00 pm  | <b>SESSION 4: NOTABLE CASE FILES: PART 2</b>   |
|                     | <ul style="list-style-type: none"> <li>› Case Presentation: Retrograde PCI via Gastroepiploic Artery for RCA CTO</li> <li>› Case Presentations</li> </ul>  |
| 2:00 pm - 2:45 pm   | <b>SESSION 5</b>   |
|                     | <ul style="list-style-type: none"> <li>› Evolving Role of Laser in CTO PCI: Laser CART and More</li> <li>› Indications and Use of Impella in Complex CTO Interventions</li> <li>› Solutions for Ambiguous Cap</li> </ul>   |
| 2:45 pm - 3:15 pm   | <b>SESSION 6: ADVANCED GUIDE EXTENSION CASES</b>   |
|                     | <ul style="list-style-type: none"> <li>› Case Presentations</li> </ul>   |
| 3:15 pm - 3:45 pm   | <b>SESSION 7: MY WORST NIGHTMARES IN ANTEGRADE CASES</b>   |
|                     | <ul style="list-style-type: none"> <li>› Case Presentations</li> </ul>   |
| 3:45 pm - 4:15 pm   | <b>SESSION 8: MY WORST NIGHTMARES IN RETROGRADE CASES</b>  |
|                     | <ul style="list-style-type: none"> <li>› Case Presentations</li> </ul>   |
| 4:15 pm - 5:00 pm   | <b>SESSION 9: MY BEST BAILOUTS IN CTO CASES</b>  |
|                     | <ul style="list-style-type: none"> <li>› My Best Bailout in CTO: Parts 1-3</li> </ul>  |



# WED 6.29 PRELIMINARY AGENDA

CORONARY TRACK

|                        |   |
|------------------------|---|
| 7:00 am –<br>8:50 am   | <b>LEFT MAIN AND MULTIVESSEL DISEASE INTERVENTION: PERSPECTIVES FROM ARGENTINA IN PARTNERSHIP WITH CACI COLEGIO ARGENTINO DE CARDIOANGIOLOGOS INTERVENCIONISTAS</b>   |
|                        | <ul style="list-style-type: none"> <li>› Introduction and Goals of the Session</li> <li>› The Role of Patent RCA in ULMA PCI: Myth or Reality?</li> <li>› Case Presentation: ULMA with an Occluded RCA</li> <li>› Improving Outcomes of Multivessel Disease Revascularization by Applying Modified Syntax Score</li> <li>› Bifurcation PCI: Provisional Stenting or Two-Stent Strategy?</li> <li>› Case Presentation: Bifurcation PCI</li> <li>› 2016 Clinical Decision-making in a Patient with Left Main Disease: Similarities and Differences in the Latest American and European Guideline</li> </ul> |
| ● ● ●                  | <b>LIVE CASE TRANSMISSION</b>   |
| 8:50 am –<br>9:30 am   | <b>C<sup>3</sup> OPENING CEREMONY AND KEYNOTE LECTURE</b>   |
|                        | <ul style="list-style-type: none"> <li>› Welcome to C<sup>3</sup> and Keynote Presenter with Legend Award Presentation to Dr. Valentín Fuster</li> <li>› C<sup>3</sup> Keynote Lecture: Subclinical Disease of the Heart and the Brain: A Challenge of the Decade</li> </ul>  |
| ● ● ●                  | <b>EVOLUTION OF CORONARY STENTING CONCEPTS: PART 1: BIRESORBABLE SCAFFOLD</b>   |
| 9:30 am –<br>11:00 am  | <b>LIVE CASE TRANSMISSION</b>   |
|                        | <ul style="list-style-type: none"> <li>› Limitations and Unmet Needs of Contemporary Metallic DES: Pathological Perspective</li> <li>› Limitations and Unmet Needs of Contemporary Metallic DES: Clinical Perspective</li> <li>› Theoretical Construct: Why BRS May Change the Landscape of Coronary Intervention</li> </ul>  |
| ● ● ●                  | <b>LIVE CASE TRANSMISSION</b>   |
| 11:00 am –<br>12:30 pm | <b>LEAGUE OF LEGENDS</b>  |
|                        | <ul style="list-style-type: none"> <li>› The Legend – Award Presentation to Dr. David Holmes</li> <li>› Presentation</li> <li>› The Legend – Award Presentation to Dr. Alain Cribier</li> <li>› Presentation</li> </ul>   |
| 12:30 pm<br>– 1:30 pm  | <b>VESSEL PREPARATION IN THE MODERN ERA OF PERCUTANEOUS CORONARY INTERVENTIONS (NON-CME)</b>  |
|                        | <ul style="list-style-type: none"> <li>› Welcome Introduction</li> <li>› Impact of Severe Coronary Calcification on Clinical Outcomes</li> <li>› Calcium Quantification: Importance of Imaging Vessel Prep and Its Impact on Stent Expansion</li> <li>› Insights from COAST and ORBIT II Data: What Have We Learned?</li> <li>› Tips and Tricks for a Successful Orbital Atherectomy</li> <li>› Coronary OAS Case Files: Case Presentations</li> </ul>  |

## ENDOVASCULAR TRACK

|                        |  |
|------------------------|--|
| 7:15 am –<br>8:30 am   | <b>ROLE OF OUTPATIENT LABORATORY IN ENDOVASCULAR INTERVENTION</b> <ul style="list-style-type: none"><li>› Introduction</li><li>› How Do I Set-up an Outpatient Lab and Succeed?</li><li>› How to Manage and Prevent Common Complications in the Outpatient Lab</li><li>› Expanding Your Horizons Beyond Peripheral Vascular Disease in an Office-based Lab</li><li>› Should Coronary Intervention be the Next Frontier in OBL?</li></ul> |
| 8:30 am –<br>9:00 am   | <b>ENDOVASCULAR THERAPIES KEYNOTE PRESENTATION</b> <ul style="list-style-type: none"><li>› Introduction and Award Presentation</li><li>› C<sup>3</sup> Keynote Lecture</li></ul>   |
| 9:00 am –<br>10:00 am  | <b>CRITICAL LIMB ISCHEMIA PART 1: WOUNDS AND TOOLS OF THE TRADE</b> <ul style="list-style-type: none"><li>› How Do You Work-up a Patient with CLI: Identifying Arterial, Venous and Mixed Disorders</li><li>› Debate: Why Do I Choose Endovascular First In the Treatment of CLI?</li><li>› Debate: Let Us Not Forget Surgical Bypass in Treatment of CLI</li><li>› Rebuttal</li></ul>   |
| 10:00 am –<br>11:00 am | <b>LIVE CASE TRANSMISSION</b> <ul style="list-style-type: none"><li>● ● ●</li></ul>  |
| 11:00 am –<br>12:10 pm | <b>LEAGUE OF LEGENDS</b> <ul style="list-style-type: none"><li>› Introduction</li><li>› Presentation and Discussion</li><li>› Introduction</li><li>› Presentation and Discussion</li></ul>   |
| 11:00 am –<br>12:10 pm | <b>CRITICAL LIMB ISCHEMIA PART 2: WOUNDS AND TOOLS OF THE TRADE</b> <ul style="list-style-type: none"><li>● ● ●</li></ul>  |
| 11:00 am –<br>12:10 pm | <b>LIVE CASE TRANSMISSION</b> <ul style="list-style-type: none"><li>› Why Two DCB Trials Failed in BTK Revascularization in CLI</li><li>› Should Atherectomy Precede Drug-coated Technologies in Treatment of CLI?</li><li>› Latest Tips and Tricks of Crossing Complex and Calcified BTK CTO</li></ul>  |



## DRUG-ELUTING TECHNOLOGIES IN TREATMENT OF FEMOROPOLITEAL DISEASE

- > Debate: DEB Should be the Default for Treatment of Femoropopliteal Disease
  - > Debate: DES Should be the Default for Treatment of Femoropopliteal Disease
  - > Rebuttal
  - > Does Atherectomy Increase the Efficacy of DCB's?: Insights into Clinical Data and Bench Studies
  - > Role of Dexamethasone Delivery in Femoro-popliteal Intervention: Insights from Dance Trial
  - > New DES on the Horizon: Update on MAJESTIC Clinical Trial
  - > Pathological Insights into Coating Technology on Patency and Wound Healing: Is it Enough to Drive DEB Selection?

LIVE CASE TRANSMISSION

## MANAGEMENT OF POPLITEAL AND INFRARENAL AORTIC ANEURYSM

- > Current Guidelines and Essentials for Treatment of Infrarenal Aneurysmal Disease
  - > Pre-procedural Planning for Endovascular Aneurysm Repair (EVAR): A Critical Step for Success
  - > Percutaneous Access for EVAR: Patient Selection, Technique, Pro's and Con's
  - > Primer on Endoleaks: Management of Various Types
  - > Evolving Treatment of Popliteal Artery Aneurysms: Open to Endovascular Repair
  - > Advances in EVAR Technology: A Panoramic View

EVENING RECEPTION

EVENING SYMPOSIUM

## INTERNATIONAL JOINT SESSION WITH KOREAN COMPLEX CARDIOVASCULAR INTERVENTION (CCI) GROUP: COMPLEX CORONARY INTERVENTION SESSION

- › Successful Revascularization by Parallel Wire Technique in a Very Tortuous Right Coronary Artery
  - › How to Manage Thrombosis in an Ectatic Coronary Artery
  - › Successful Management of Huge Catheter-induced LM Ostial Dissection
  - › Lessons from a Retry CTO Case
  - › A Thrombus Migration Case from LCX to Left Main and LAD During Transradial Intervention
  - › Sequential Usage of Rotablator and TORNUS Catheter in a Heavily Calcified Lesion
  - › Transbrachial Approach for Closure of Coronary Artery Fistula

# WED 6.29 PRELIMINARY AGENDA

## CONCURRENT THEATER 1 ● ● ● ● ● ● ● ● ● ●

2:00 pm - 3:30 pm **UPDATES IN TREATMENT OF ACS**

- › Introduction
- › Revascularization Strategies in STEMI with Multivessel Disease: How to Make a Rational Judgment? Culprit vs. Complete and Ad Hoc vs. Staged
- › Initiation, Discontinuation and the choice of DAPT in ACS: Evidence Based Choices
- › Are we Really Finished with Aspiration Thrombectomy in STEMI?
- › Revisiting Rheolytic Thrombectomy in Large Thrombus Burden: Old is Gold
- › Choice of Stent in STEMI: BMS, DES or BRS
- › Should IV Cangrelor be the New Standard in ACS PCI? Insights from CHAMPION PHOENIX and FDA Advisory Panel Data

3:30 pm - 5:15 pm **C<sup>3</sup> AND JAPAN PARTNERSHIP SESSION: COMPLEX CORONARY INTERVENTION SESSION**

- › Retrograde PCI via Gastroepiploic Artery for RCA CTO
- › Angiographic Dissection Pattern Post-balloon Angiography in SFA Lesions: Retrospective Multicenter Analysis
- › Predictors of Wound Healing After Revascularization in CLI Patients
- › Usefulness of OCT in EVT: Vessel Healing and Predicting Restenosis
- › Use of IVUS in Treatment of Femoropopliteal Lesion
- › The Predictive Factors of Procedure Success for CLI Due to Isolated denovo Infrapopliteal Lesion
- › A Rare Case of AMI in a Very Low Body Weight Patient

5:35 pm - 6:00 pm **EVENING RECEPTION**

6:00 pm - 7:24 pm **INTERNATIONAL JOINT SESSION WITH KOREAN COMPLEX CARDIOVASCULAR INTERVENTION: COMPLEX INTERVENTION**

- › Case Presentations



## CONCURRENT THEATER 2 ● ● ● ● ● ● ● ● ● ●

10:00 am - 11:45 am **PODIATRY SESSION 1**

- › Evaluating PAD in Patients and When to Consult
- › The Urgency of Early Wound Closure and Outcomes
- › Recognizing and Managing the Ischemic Foot
- › The Latest in Compound Therapy for the Wound Care Patient
- › New Advances in Wound Care
- › Which Skin Substitutes Should be Used and When

2:00 pm - 4:00 pm **BASICS IN EVALUATING VENOUS DISORDERS: HOW TO EVALUATE PATIENT AND LIVE ULTRASOUND IMAGING**

- › Introduction
- › Venous Anatomy for the Interventionist: Lower and Upper Extremity Venous System
- › Clinical Patterns that Should Alert Physicians to Venous Disease: Edema, Skin Changes, Ulcer, Classification and Terminology
- › Evaluating a Patient with Edema and Varicosities
- › Evaluating Patient with Venous Ulcer
- › Combination of Superficial and Deep Venous Disease: How to Evaluate and Treatment Strategies
- › Guideline Update on Testing and Treatment of Venous Reflux: The Essentials
- › Evaluating Patient with Lymphedema and Treatment Options
- › Evaluating Patient with Pelvic Congestion Syndrome and Treatment Options

4:00 pm - 5:30 pm **LIVE ULTRASOUND IMAGING FOR VENOUS DISORDERS**

- › Moderated Session



# THURS 6.30 PRELIMINARY AGENDA

## CORONARY TRACK ● ● ● ● ● ● ● ● ● ●

8:00 am - 9:00 am **INNOVATION: WHAT TO EXPECT FROM FUTURE TECHNOLOGY**

- ● ●
- › RP Catheter for RV Support in Cases of RV Infarct
- › Renal Artery Ablation with Alcohol Injection
- › Pressure-controlled Intermittent Coronary Sinus Obstruction (PISCO) for Ischemia Management

9:00 am - 9:30 am **LEAGUE OF LEGENDS**

- › Introduction of Dr. Peter Fitzgerald
- › Keynote Lecture and Discussion

9:30 am - 10:00 am **PERSONALITIES OF INNOVATION**

- › My Journey in Innovation: Moving from Bivalirudin to Lowering LDL-C, Shot Twice a Year?
- › Presentations

10:00 am - 10:30 am **MEET THE LEGEND**

- › Introduction of Dr. Alain Cribier
- › Developing Transcatheter Therapy for Aortic Stenosis: A Fascinating Odyssey

10:30 am - 12:00 pm **SESSION**

- › FFR for CT Angiography (Heart Flow)
- › Haptics Applied to Robotic Coronary Intervention
- › Anti-inflammatory Agents in Atherosclerosis Modulation: Hyperkalemia Treatment
- › Combined FFR and Coronary Flow Measurement
- › Endovascular Paving

● ● ● **LIVE CASE TRANSMISSION**

2:00 pm - 3:30 pm **COMPANY CMO HOUR: WHY MY COMPANY HAS THE BEST TO OFFER FOR YOUR PATIENTS (NON-CME)**

- › Abbott: Our Pipeline
- › Medtronic: Our Pipeline
- › Boston Scientific Corporation: Our Pipeline
- › St. Jude: Our Pipeline
- › Moderated Q&A

3:30 pm - 5:20 pm **EURO CTO CLUB AND JAPAN CTO CLUB: OUR TRENDS IN CTO INTERVENTION (JOINT PARTNERSHIP SESSION WITH C<sup>3</sup>)**

- › Japan CTO Registry Data
- › Euro CTO Registry Data

**How to Achieve High Success Rate In Antegrade CTO PCI**

- › Euro CTO Club Insights
- › Japan CTO Club Insights

**How to Achieve a High Success Rate In Retrograde CTO PCI**

- › Euro CTO Club Techniques
- › Japan CTO Club Techniques

**How to Avoid and Manage Complications in CTO PCI**

- › Euro CTO Club Solutions
- › Japan CTO Club Solutions



# THURS 6.30 PRELIMINARY AGENDA

## ENDOVASCULAR TRACK ●●●●●●●●

7:00 am - 8:30 am INTRODUCTION TO ENDOVASCULAR MANAGEMENT OF AORTIC DISSECTION: HOW DO I START THIS PROGRAM?

- › Medical Management of the Patient with an Acute Aortic Dissection
- › Strategies in Caring for the Acute Type B Dissection with Malperfusion Syndrome
- › A Logical Approach in Deciding which Acute/Sub-acute Type B Dissection Patient Needs Stenting and When to do it?
- › How I Do It: Stenting the Chronic Type B Dissection with Aneurysmal Degeneration
- › The Visceral and Renal Branches are Perfused by the True and False Lumen: Fenestration or Not – How to Do it?
- › New and Emerging Imaging Strategies in Aortic Dissection

8:30 am - 10:30 am ATHERECTOMY SUMMIT

- › Lesion-specific Device Selection for Atherectomy of Femoropopliteal Arteries
- › Does Atherectomy Increase the Efficacy of DCB's? Insights into European Clinical Data
- › Image Guidance in Atherectomy: Will it Improve Outcomes? Insights into VISION Trial Data

### LIVE CASE TRANSMISSION

- › EPD's and Atherectomy: Where Do I Find it Most Applicable?
- › Can Atherectomy Reduce Recurrent Restenosis? Insights into EXCITE Trial and Other Registry Data
- › Plaque Modification Balloon: Do They Add to our Armamentarium?

### LIVE CASE TRANSMISSION

10:00 am - 11:30 am COMPANY CMO HOUR: WHAT INNOVATION WILL WE BRING TO THE MARKET IN FUTURE? (NON-CME)

- › Abbott
- › Boston Scientific
- › Medtronic/Covidien
- › Bard
- › Gore
- › Cook
- › Moderated Discussion and Q&A

2:00 pm - 3:00 pm MANAGEMENT OF DEEP VENOUS THROMBOSIS AND PULMONARY EMBOLISM

- › Ultrasound Findings of Acute and Chronic DVT and Its Implications on Treatment Choices
- › Iliofemoral DVT: Lyse or Not? Is There a Clinical Consensus?
- › New Anticoagulants for Treatment of DVT/ PE: The Essentials
- › Treatment of Acute Iliofemoral DVT Using Lysis: One Stage vs. Overnight – When Do I Choose and What?
- › Tips and Tricks of Iliac Vein Stenting

3:00 pm - 5:15 pm VENOUS CASE FILES OF DEEP VENOUS THROMBOEMBOLISM: HOW TO DO THIS CASE?

- › Case Presentations
- › How Do I Start a PE Treatment Program in My Institution?
- › Treatment of Acute PE: Medical Treatment vs. Lysis and How Do I Choose?
- › Sub-massive PE: Definition, Natural History and Potential Treatment Alternatives
- › Overview of Device Options in Treatment of PE
- › Indications and Selection of IVC Filters
- › Complications of IVC Filters
- › Challenges in IVC Filter Retrievals



## CONCURRENT THEATER 1 ●●●●●●●●

8:00 am - 9:15 am CORONARY CTO CORE CONCEPTS: PART 1

- › Logic of CTO-PCI: Why and When We Should Revascularize?
- › Latest Antegrade CTO Crossing Techniques from Japan
- › North American Hybrid Approach to CTO PCI: Essential Steps

### LIVE CASE TRANSMISSION

9:15 am - 10:30 am CORONARY CTO CORE CONCEPTS: PART 2

- › Latest Techniques in Retrograde CTO Crossing
- › Tip and Tricks of Crossing the Collateral Channel
- › Newer Methods in Reverse CART: Guidelinier, Stent, and More

### LIVE CASE TRANSMISSION

10:30 am - 12:00 pm ADVANCES IN DRUG-ELUTING STENTS (DES): BIORESORBABLE SCAFFOLDS (BRS) AND BIODEGRADABLE DES (BP/DES)

- › BRS in Calcified Disease: When to Choose BRS Over Metallic Stents
- › Biodegradable Polymer Drug-eluting Stent Insights from Current Clinical Trials
- › BRS and Angina: Rationale Behind ABSORB IV

### LIVE CASE TRANSMISSION

2:00 pm - 3:45 pm A PICTURE SAYS A THOUSAND WORDS—INTERVENTIONAL IMAGING

- › TAVR Imaging: Before, During and After the Implant
- › Mitral Valve Assessment in 2016: What Do We Need for a Successful Clip?
- › Left Atrial Appendage Imaging: What Are We Watching for?
- › Imaging for the Forgotten Ventricle: The Role of ECHO and CT in Choosing who Benefits from PE Intervention
- › A Primer on Venous Duplex Imaging
- › Imaging Case Bowl: Case Presentations from Interventional Imaging Fellows

3:45 pm - 5:15 pm INTERNATIONAL JOINT SESSION: VIETNAMESE CARDIOVASCULAR COMPLEX INTERVENTION

- › Hard Plaque in Intra-stent Restenosis: Is Dissection and Re-entry a Good Solution?
- › Left Main Dissection: Successful Treatment with Emergent Stenting
- › LBBB After TAVR: A Case Report
- › Stent Loss: A Nightmare When Doing PCI
- › Unexpected Complications: Guide or Wires – Keep Care and Overcome
- › Coronary Dissection and Perforation During CTO Intervention: A Case Report
- › Lost Coronary Stent in Left Main PCI: Why and How to Retrieve?
- › Judkins Left Catheter for Right Coronary Artery: When and How it Works

## CONCURRENT THEATER 2 ●●●●●●●●

8:30 am - 12:00 pm MANAGEMENT OF VENOUS HYPERTENSION AND REFLUX

- › Current Guideline and Consensus on Treatment of Superficial Venous Disease Essentials
- › Long-term Data on Thermal Ablation
- › Challenges You May Encounter During Thermal Ablation
- › Pre-Recorded Venous Video
- › Treating Small Saphenous Vein and Thigh Extension
- › Managing Complex Pattern of Reflux
- › Evaluation and Treatment of Recurrent Veins
- › Below Knee Saphenous Reflux: Ad Hoc or Staged?
- › Non-tumescent Technology: Proprietary Foam
- › Cyanocrylate Adhesive for Ablation
- › Pre-recorded Venous Video
- › Treatment of Small Veins: What You Need to Know? Basics and Economics
- › Case Examples of Small Vein Treatment

## PODIATRY SESSION 2

- › When to Salvage and When to Amputate
- › How the Metabolic and Nutritional Status of the Patient Affects Wound Healing
- › Indications and the Role of Hyperbaric Oxygen in Healing
- › Dealing with the Infected Diabetic Wound Care Patient
- › A Team Approach to Successfully Heal the Wound
- › Live Case Presentation



# FRI 7.1 PRELIMINARY AGENDA

## CORONARY TRACK ●●●●●●●●●●

7:00 am - 8:30 am  
INTERNATIONAL JOINT PARTNERSHIP SESSION: GREECE AT C<sup>3</sup>

- > Presentations and Panel Discussions

8:30 am - 10:30 am  
**STRUCTURAL HEART DISEASE CONCLAVE: TAVR, MITRAL VALVE CLIPPING, AND LAA OCCLUDERS**

### LIVE CASE TRANSMISSION

- > Future of TAVR Procedure: Should we Expand Indication to Moderate Risk Patient? Insights from SURTAVI
- > Overview of Future TAVR Devices
- > In the Era of New Anticoagulants, When Should we Consider LAA Occlusion?
- > Tips and Tricks of Watchman Device Implant: Safe and Effective Technique
- > Current Indications and Patient Selection for Mitral Valve Clipping

### LIVE CASE TRANSMISSION

10:30 am - 11:30 am  
**MANAGEMENT OF CARDIAC ARREST VICTIM**

- > The Role of Cath Lab After Cardiac Arrest: Current Guidelines and Algorithms
- > STEMI Post-arrest
- > No STEMI Post-arrest
- > Use of ECMO, PCPS, LVAD's in Cath Lab During and Post-resuscitation
- > Hyper-invasive Approach to Refractory Cardiac Arrest in the Field

11:30 am - 12:00 pm  
**ARCHIVE CASES OF CARDIAC ARREST**

- > Case Presentations

12:30 pm - 2:00 pm  
**INTERNATIONAL PARTNERSHIP SESSION: CASE FILES FROM THAILAND: YOU BROKE IT, YOU FIX IT**

- > Case Presentations

2:00 pm - 3:50 pm  
**PCI MASTER CLASS: HOW I GOT IN AND OUT OF DISASTER - A CASE-BASED SESSION FROM SELECTED SUBMISSIONS**

- > Presentations

## CONCURRENT THEATER 1 ●●●●●●●●●●

8:00 am - 4:00 pm  
**HIGH-RISK PCI WITH HEMODYNAMIC SUPPORT (NON-CME)**

## ENDOVASCULAR TRACK ●●●●●●●●●●

7:00 am - 8:30 am  
**DILEMMAS OF THE GRADUATING FELLOW**

- > Transitioning Into an Attending? Things to Avoid in the Cath Lab in the First Year
- > Joining a Private Practice: What to Look for in a Practice and Contract
- > Joining a Hospital-based Group: What to Look for in a Hospital Group and Contract
- > Iatrogenic Retrograde Ascending Aortic Dissection After TEVAR in Patients with Polycystic Kidney Disease
- > Renal Artery Perforation Treated with Covered Stent

8:30 am - 10:10 am  
**ILIAC AND MESENTERIC DISEASE**

- > Stent Selection and Outcome in Iliac Artery Lesions: Insights from Clinical Trials
- > How to Selection Stent Placement Technique for Iliac Bifurcation: Unilateral, Kissing, Raising the Bifurcation, and Top Head
- > When Should We Treat Aortoiliac Occlusive Disease with Endograft and How to Select Correct Device?

10:10 am - 12:00 pm  
**LIVE CASE PRESENTATION**

- > Indications and Case Selection for Chronic Mesenteric Ischemia
- > Stent Selection for Chronic Mesenteric Ischemia
- > Acute Mesenteric Ischemia: When Endovascular Management is Indicated

10:10 am - 12:00 pm  
**SUBCLAVIAN, INNOMINATE AND CAROTID REVASCULARIZATION**

- > How We Achieve an Extremely Low TAI/CVA Rate with a Carotid Stent Procedure: A New Concept of Low-risk CAS
- > New Mesh Design Stents for CAS
- > Bypassing the Femoral Access: Insights from ROADSTER Clinical Trial
- > Rationale and Design of CREST II Trial: What Will it Add?
- > Live Case Transmission
- > Tips and Tricks for Treatment of Subclavian CTO
- > Tips and Tricks for Innominate Artery Revascularization

2:00 pm - 4:30 pm  
**FEMOROPOLITEAL DISEASE: NON DRUG-COATED TREATMENT STRATEGIES IN 2016**

- > Live Case Transmission
- > Optimal Medical Therapy Post Endovascular Revascularization
- > Vascularmimetic Stent Design: What We Have Learned from Randomized Trials and Registries
- > PQ Bypass Initial Experience

2:00 pm - 4:30 pm  
**LIVE CASE PRESENTATION**

- > Stem Cell Injection Post Revascularization: Insights from STOPPAD Trial
- > Insights from Reline Max ISR Registry
- > Popliteal Artery Revascularization: Balloon, DEB, DES or Mesh Design Stent, How do I Choose?
- > Discussion

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**C<sup>3</sup> 2016 will be held at Orlando's Hilton Bonnet Creek**, which is connected to Waldorf Astoria. Hilton Bonnet Creek is located 30 minutes from Orlando International Airport, and is nestled within a 482-acre nature preserve, an enclave surrounded by Walt Disney World® Resort. This ideal location is a short distance to many of Orlando's best attractions, restaurants, and entertainment venues! You'll be in the heart of Disney Theme Parks, Water Parks, world-class golf courses and Downtown Disney®. Complimentary direct transportation is provided to and from the Walt Disney World® Theme Parks, including Magic Kingdom®, Epcot®, Disney's Hollywood Studios®, Disney's Animal Kingdom® and Downtown Disney®.



## ACCOMMODATIONS

A block of rooms has been reserved at the hotel until May 13, 2016. After that date, or when any part of the block fills, reservations will be subject to availability and the discounted room rate will no longer be available. The discounted room rate is \$185 for single/double occupancy per night, plus taxes (19%). Additional rates apply for more than 2 people per room. All reservations must be guaranteed with a major credit card.

To reserve a room, contact Hilton Bonnet Creek and mention you are participating in the C<sup>3</sup> conference.

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Attn: C<sup>3</sup>/Laurie Novoryta  
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**Registration fees are listed below and include course materials and attendance at all sessions.**

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|   | BEFORE MAY 31 | AFTER MAY 31 AND ONSITE |
|---|---------------|-------------------------|
| <b>Physician/Industry</b>   | 700           | 900                     |
| <b>Nurse/Technologist</b><br><b>Allied Health/Fellow/Resident</b> | 275           | 350                     |

### ● ● ○ OPTIONS BY DAY

|                     | BETWEEN APRIL 1 AND MAY 31 | AFTER MAY 31 AND ONSITE |
|---------------------|----------------------------|-------------------------|
| <b>3 days</b> ● ● ● | 300                        | 400                     |
| <b>2 days</b> ● ●   | 250                        | 325                     |
| <b>1 day</b> ●      | 175                        | 250                     |

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