

VASCULAR INTERVENTIONAL ADVANCES

ANNUAL CONFERENCE

*The Global Education Course for Vascular
Medicine and Intervention*

WYNN LAS VEGAS
NOVEMBER 2-5, 2015



15



VIVA Physicians is a Not-For-Profit
Organization Dedicated To
Vascular Education And Research

THE VIVA SYMPOSIUM

VIVA IS THE PREMIER GLOBAL, MULTIDISCIPLINARY COURSE FOR VASCULAR MEDICINE AND INTERVENTION.

For the past 13 years, VIVA has defined excellence in professional education by offering attendees an innovative, provocative, and balanced educational experience, enhanced by: highlighting the opinions of all specialties and stakeholders who touch the vascular patient, the use of cutting edge technology, and the promotion of electronic interaction between participants and faculty experts.

Each year, our world-renowned domestic and international faculty challenge attendees by critically evaluating evolving therapies and new innovations as well as engaging in lively discussion on the year's most challenging cases. VIVA participants learn from one another in an environment that truly supports camaraderie. VIVA does not shy away from the tough issues, and with our colleagues from regulatory and reimbursement organizations, VIVA exposes the obstacles facing vascular practitioners to provide state-of-the-art care to their patients.

With multiple learning venues and formats, intense and focused education, the latest in cutting-edge technology, new hands-on workshops and the latest clinical data presentations, VIVA 15 is a must-see educational event for the dedicated vascular specialist.

Don't Miss...

LATE-BREAKING CLINICAL TRIALS

LIVE CASE DEMONSTRATIONS

HANDS-ON!

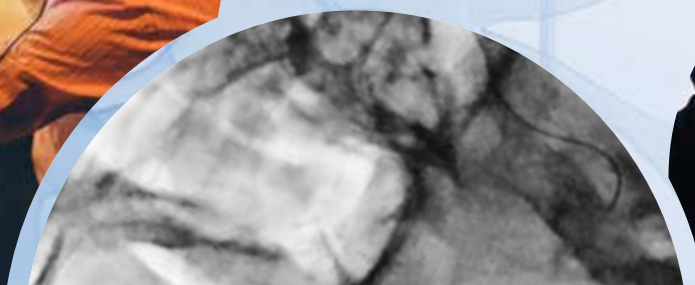
THE ROUNDTABLE

FACE-OFF

COMPLEX CASE WORKSHOP

STRATEGIES ON THE FRONTLINE

NURSES + TECHS



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THE **V I V A** EXPERIENCE!



SCAN TO VIEW

IMPORTANT DATES

Registration Pricing

Early

Before July 31

Prime

July 31 – October 7

Standard

After October 7

Face-Off Competition

Submissions Due

August 28

Last Day to Book Hotel

(If rooms are still available)

September 30

On-Site Registration Opens

October 30

Accreditation Certificates Available

November 5

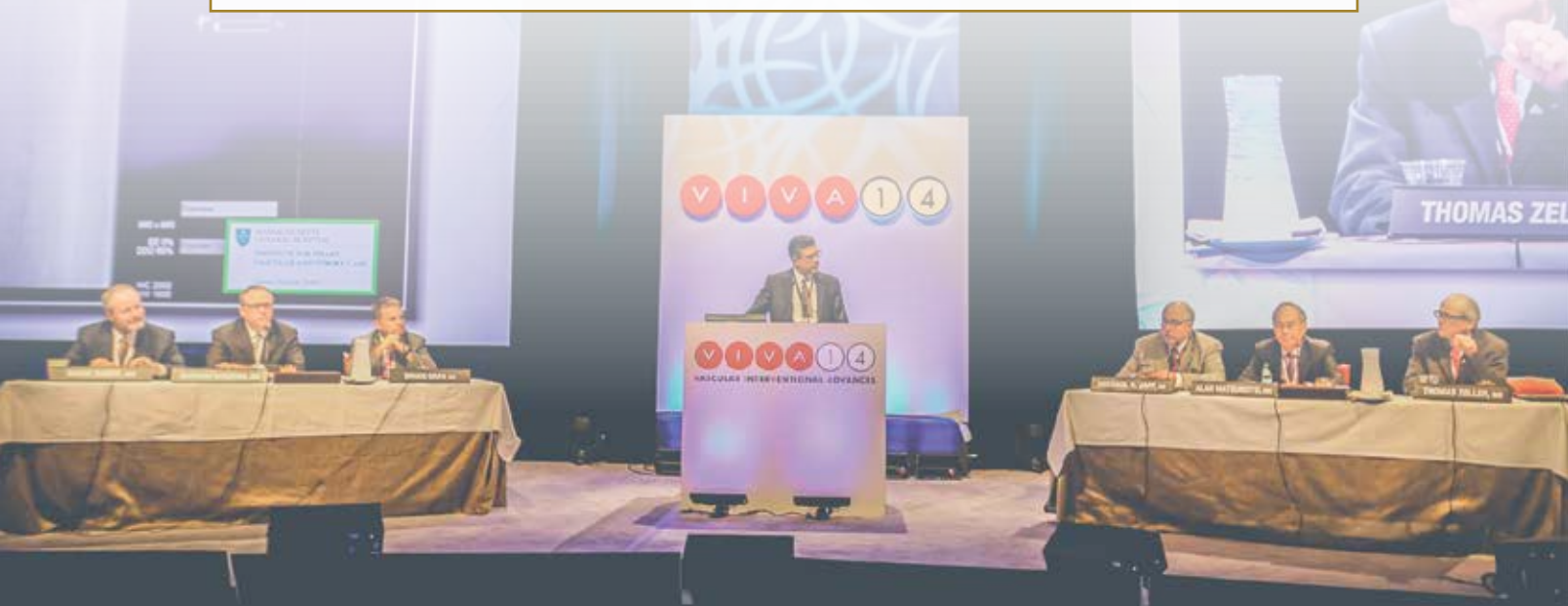
ACCREDITATION

TARGET AUDIENCE

VIVA will be of value to physicians who specialize in, among other areas, interventional cardiology, interventional radiology, vascular medicine, vascular surgery, cardiothoracic surgery, neurosurgery, and neuroradiology, as well as fellows, and allied health professionals (including nurses, vascular clinic staff, endovascular operating room staff, catheterization laboratory and angiography suite staff, nurse practitioners, vascular technologists, and physician assistants).

AT THE CONCLUSION OF THE COURSE, THE TARGETED LEARNERS SHOULD BE ABLE TO:

- Understand the current indications, risks, complications, and short and long-term results of various medical, interventional, and surgical therapies for the treatment of peripheral artery disease.
- Increase knowledge in critical decision-making and the comprehensive spectrum of care for patients with stroke and intracranial and extracranial carotid artery disease.
- Compare the various endovascular technologies, open surgical techniques, and hybrid approaches, including risks and complications, for the treatment of patients with aortic diseases.
- Enhance the understanding of venous physiology, anatomy, diseases, and management options across a variety of venous anatomies.
- Discuss the diagnosis and management of patients with thoracic and abdominal aortic disease.
- Understand evolving diagnosis and treatment strategies that are consistent with findings in newly reported clinical trials.



CME ACCREDITATION

This program has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for CME (ACCME) through joint sponsorship with the University at Buffalo School of Medicine and Biomedical Sciences and VIVA Physicians. The University at Buffalo is accredited by the ACCME to sponsor CME for physicians. The UB School of Medicine & Biomedical Sciences designates this live activity for a maximum of **34.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Distribution of credits is as follows:

SUNDAY:	Aortic Armageddon II: 7.5 / CLI: 8.5
MONDAY:	Complex Case Workshop: 1.75 / General Session: 6.75 / The Roundtable: 3.25
TUESDAY:	Complex Case Workshop: 1.25 / General Session: 8 / The Roundtable: 3.25
WEDNESDAY:	Complex Case Workshop: 2 / General Session: 7.25 / The Roundtable: 5.75
THURSDAY:	General Session: 3.75

MAINTENANCE OF CERTIFICATION (MOC) For Vascular Specialists

VIVA is offering the opportunity for board certified physicians to earn credits toward their Maintenance of Certification (MOC) requirements. Physicians certified by the American Board of Internal Medicine can attend the ABIM MOC Learning Session on Wednesday, November 4 (see page 32 for details).

- **Wednesday, November 4, 10:00 am – 12:00 pm and 3:30 – 5:30 pm**

Physicians certified by the American Board of Radiology and/or the American Board of Surgery will also have opportunities to earn self-assessment credits toward their MOC requirements online after attending VIVA 15.



TO CLAIM CREDIT:

Beginning Thursday, November 5, 2015, attendees can log on to www.vivaphysicians.org to claim educational credits.

ACCREDITATION

CE ACCREDITATION

TARGET AUDIENCE

Nurses + Techs: *Life on the Frontline* will be of value to cardiovascular nurses, physician assistants, nurse practitioners, vascular techs, and nurse/techs in cath labs, angio suites, and endovascular operating rooms.

Nurses: This program has been approved by the American Association of Critical-Care Nurses (AACN) for a total of 10.6 Contact Hours Synergy CERP Category A. In order to receive credits, you must attend the entire session as outlined below, and complete the corresponding evaluations. CE credits are divided as follows:

SUNDAY: 7:30 am – 5:05 pm / 8.0 Contact Hours Synergy CERP Category A / File Number 00019251

MONDAY: 3:15 - 4:55 pm / 1.6 Contact Hours Synergy CERP Category A / File Number 00019252

TUESDAY: 2:35 – 3:35 pm / 1.0 Contact Hours Synergy CERP Category A / File Number 00019253

The American Association of Critical-Care Nurses is approved by the California Board of Registered Nursing, Provider Number 01036.

Technologists: This program has been approved by the American Society of Radiologic Technologies (ASRT) for 12.5 Category A credits. In order to receive credits, you must attend the entire session as outlined below. CE credits are divided as follows:

SUNDAY: 7:30 am – 5:05 pm / 9.5 Category A credits

MONDAY: 3:15 - 4:55 pm / 2 Category A credits

TUESDAY: 2:35 – 3:35 pm / 1 Category A credit

The ASRT requires attendance to be documented. If you intend to claim credit from ASRT, please turn in your attendance sheet at the end of each session.



Please note that partial credit will not be awarded and you must attend each session in full Sunday (7:30 am – 5:05 pm) and/or Monday (3:15-4:55 pm) and/or Tuesday (2:35-3:35 pm) to claim credit.

DISCLAIMERS

CME INFORMATION CONFIDENTIALITY

Because live-case demonstrations will be presented, you are reminded that any patient information you may receive as a part of this CME program is considered confidential. Confidential patient information includes all information that could be used to identify the individual patient. By participating in this CME program, you agree to maintain the confidentiality of all patient information and not release that information to any third party.

FACULTY DISCLOSURES

University of Buffalo at SUNY, in accordance with ACCME Accreditation requirements, requires faculty to disclose any financial interest or other relationship with the manufacture(s) of any commercial product(s) and/or provider(s) of commercial services discussed during this educational activity and with any commercial supporters of the activity.

MEDICAL JUDGMENT DISCLAIMER

The information provided at this meeting is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition.

UNLABELED PRODUCTS AND/OR PROCEDURES

VIVA Faculty may discuss information about pharmaceutical agents and/or devices and/or procedures that are outside of U.S. Food and Drug Administration approved labeling. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications, devices and procedures. If you have questions, contact the medical affairs department of the manufacturer for the most recent prescribing information.

SOCIAL MEDIA DISCLAIMER

VIVA Physicians, Inc. (VPI) accepts comments and discussions via our social media outlets related to vascular education. VPI does not solicit nor endorse any comment which may be posted, and comments, likes, or follows do not express the opinion or views of VPI. VPI will remove any information, discussion, comment, and material that we deem to be inappropriate and/or which violates our policy to protect patient identities. All commentary with a promotional purpose for a service, device, or technology will be removed immediately. VPI assume no liability for information posted or presented by others, and only endorses comments and postings provided directly by VPI. If you wish to report any violation of the above policy, please contact marketing@vivaphysicians.org.

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VIVA 15 • AT-A-GLANCE

SATURDAY
10.31.15

CRC

**Comprehensive
Review Course**
(See page 36)



THE VEINS



The VEINS
(See page 33)

EVENING

The VEINS Reception
(See page 33)

SUNDAY
11.01.15

CRC

**Comprehensive
Review Course**
(See page 36)



THE VEINS



The VEINS
(See page 33)

PRE-SYMPOSIA

CLI: All the Hits
(See page 12)

Aortic Armageddon II
(See page 14)

NURSES + TECHS
(See page 16)

EVENING

Fellows Reception
Open to U.S. Fellows & Supporters
(See page 31)

MONDAY
11.02.15

GENERAL SESSION

**Vascular Career Advancement
Award** (See page 35)

Late-Breaking Clinical Trials
(See page 18)

CONCURRENT SESSIONS

THE ROUNDTABLE
(See page 25)

STRATEGIES
on the Frontline (See page 28)

**COMPLEX CASE
WORKSHOP** (See page 29)

HANDS-ON!
(See page 30)

FACE-OFF
(See page 31)

NURSES + TECHS
(See page 17)

15

TUESDAY 11.03.15

GENERAL SESSION

ATLAS Award
(See page 34)

Late-Breaking Clinical Trials
(See page 20)

CONCURRENT SESSIONS

THE ROUNDTABLE
(See page 26)

STRATEGIES
on the Frontline (See page 28)

COMPLEX CASE
WORKSHOP (See page 29)

HANDS-ON!
(See page 30)

FACE-OFF
(See page 31)

NURSES + TECHS
(See page 17)

EVENING

VIVA's Happiest Hours
(See page 21)

WEDNESDAY 11.04.15

GENERAL SESSION

LIVE Award
(See page 34)

CONCURRENT SESSIONS

THE ROUNDTABLE
(See page 27)

STRATEGIES
on the Frontline (See page 28)

COMPLEX CASE
WORKSHOP (See page 29)

HANDS-ON!
(See page 30)

FACE-OFF
(See page 31)

ABIM MOC
(See page 32)

THURSDAY 11.05.15

GENERAL SESSION

VIVA 15 Concludes
(See page 24)

FACE-OFF
Winner's Circle!
(See page 31)



SUNDAY, NOVEMBER 1, 2015

CLI: CRITICAL LIMB ISCHEMIA

"All the Hits"

CLI remains a serious public health problem and an increasingly important part of vascular practices. This session emphasizes a comprehensive overview of CLI management, including the imaging, targeted therapies, and areas of greatest controversy in the field. It will feature an international multispecialty faculty of experts in PAD and CLI, allowing participants the opportunity to understand the state-of-the-art in CLI. Pre-taped case-based presentations offer an exciting platform for extensive discussion and interaction between VIVA faculty experts.

7:30 – 7:35 AM

COURSE INTRODUCTION AND WELCOME

John H. Rundback, MD

7:35 – 8:50 AM

CLI – THE BACKGROUND

"Let's Get It Started In Here"

Moderator: Kenneth Rosenfield, MD

- Defining the CLI Epidemic: Current Prevalence, Disease Trends, Costs
Brian Contos
- Developing CLI Screening and Referral Programs: Models that Work and Don't
Kevin Herman, MD
- Creating CLI "Teams" ...Are They Necessary and Should Every Hospital or Physician Be Treating CLI Patients or Do We Need Centers of Excellence?
Matthew Menard, MD
- Clarifying CLI Treatment Goals, Endpoints, Definitions and Expectations. Can We Standardize Measures Such As Treatment and Clinical Success?
Michael R. Jaff, DO
- When is Primary Amputation Necessary, and Strategies to Educate Patients and Physicians When Revascularization Should be Done to Avoid or Reduce Amputations
Patrick J. Geraghty, MD
- Surgical Techniques For CLI – GSV and "Compromised" Conduits
Edward Woo, MD
- The BEST-CLI Randomized Trial and CLI Registries: Why Are These Important?
Alik Farber, MD

- Roundtable Discussion: What Do We Need NOW to Improve CLI Care?

Moderator: Kenneth Rosenfield, MD

Panel: Brian Contos; Alik Farber, MD; Patrick J. Geraghty, MD; Kevin Herman, MD; Michael R. Jaff, DO; Matthew Menard, MD; Edward Woo, MD

8:50 – 10:15 AM

HANDS-ON CLI ASSESSMENT

"See Me, Feel Me, Touch Me, Heal Me"

Moderator: John Laird Jr., MD

- Distinguishing Arterial, Venous, Combined, and Non-Vascular Wounds: A Pictorial Display
Raghu Kolluri, MD
- WIFI and Other Wound Classifications and Relevance To Revascularization Planning
Joseph L. Mills, MD
- Medical Therapy For CLI Patients. Role Of Statins, DAPT, Smoking Cessation, and Guidelines-Based Therapy
John Laird Jr., MD
- The Imaging Diagnosis of CLI – What Test, What Order, When, and Pitfalls in Interpretation
William Julien, MD
- Perfusion Testing – Comparing TCPO2, SPP, Fluorescence Microangiography and Other Modalities, and How to Use Them
Mehdi Shishehbor, DO, PhD
- What is the Best Angiographic Endpoint For Revascularization? Is "Straight Line" Flow Necessary or Are There Other Angiographic Indicators of Favorable Wound Healing?
John H. Rundback, MD
- "Local" Wound Care, the Art and the Science ... What Works for Ulcer Treatment Always, Sometimes, and Never
Gregory Piazza, MD
- Stem Cells, Growth Factors and Other Novel Therapies... Are They Clinically Beneficial Now or Horizon Therapies?
Krishna Rocha-Singh, MD
- Roundtable Discussion and Q&A
Moderator: John Laird Jr., MD
Panel: Raghu Kolluri, MD; Joseph L. Mills, MD; Gregory Piazza, MD; Krishna Rocha-Singh, MD; John H. Rundback, MD; Mehdi Shishehbor, DO, PhD

10:15 – 10:35 AM REFRESHMENT BREAK AND EXHIBITS

10:35 – 11:50 AM

FAST AND FURIOUS CASE-BASED DEVICE REVIEW

"Fix You"

Moderator: Tony Das, MD

- Specialty Balloons – Best Case, Worst Case
David Planer, MD
- Popliteal and Tibial Laser Atherectomy – Best Case, Worst Case
Tony Das, MD
- Cutting and Aspirational Atherectomy – Best Case, Worst Case
Lawrence A. Garcia, MD

- Rotational Atherectomy – Best Case, Worst Case
George L. Adams, MD
- Subintimal Angioplasty – Best Case, Worst Case
Alan Matsumoto, MD
- US Guided BTK Interventions – Best Case, Worst Case
Fadi Saab, MD
- VIVA FELLOWS: Case Face-Off and Q&A
Moderator: Tony Das, MD
Panel: George L. Adams, MD; Lawrence A. Garcia, MD; Alan Matsumoto, MD; David Planer, MD; Fadi Saab, MD

11:50 AM – 12:40 PM LUNCH AND EXHIBITS

12:40 – 1:50 PM

CASE-BASED LESION AND TECHNIQUE FORUM

“Walking On Sunshine”

Moderator: D. Christopher Metzger, MD

- Multilevel Occlusive Disease – Techniques and Data. Stage or Fix All at Once?
William Julien, MD
- Isolated Pedal Disease, Pedal Loop Techniques
Arthur C. Lee, MD
- Short to Intermediate Length Tibial Disease – Techniques and Data, When to Use DES or DCB’s
James Joye, DO
- Long Segment Tibial Occlusions – Techniques and Data
Ehrin Armstrong, MD
- Isolated Calcified and Non-Calcified Popliteal Occlusions – Techniques and Data
D. Christopher Metzger, MD
- Case-Based Review
Moderator: D. Christopher Metzger, MD
Panel: Ehrin Armstrong, MD; James Joye, DO; William Julien, MD; Arthur C. Lee, MD

1:50 – 3:05 PM

CLI CONTROVERSIES

“What Do You Want From Me”

Moderator: John H. Rundback, MD

- Basic Wires, Catheters, and Angioplasty Alone is Generally Sufficient and Cost Effective for BTK Interventions
Bruce Gray, DO
- The Use of Advanced Crossing Devices and Revascularization Tools BTK Is Cost Effective and Warranted on a Regular Basis Due to Better Initial and Intermediate Term Results
Martin Werner, MD
- Treatment According to the Angiosome Principle is Scientifically Valid
Osamu Iida, MD
- Angiosomes Incompletely Define Revascularization Goals
Robert Bersin, MD
- Pedal Loop and Digital Angioplasty Represents the New Standard for Complete Revascularization
Miguel Montero-Baker, MD

- DCB’s and DES’s are Beneficial for CLI Therapy
Manesh Patel, MD
- DCB’s and DES in the Popliteal and Tibial Segments is Rarely Needed and Will Not Measurably Improve Results
Lawrence A. Garcia, MD
- Case Reviews and Q&A
Moderator: John H. Rundback, MD
Panel: Robert Bersin, MD; Osamu Iida, MD; Miguel Montero-Baker, MD; Manesh Patel, MD; Martin Werner, MD

3:05 – 3:20 PM REFRESHMENT BREAK AND EXHIBITS

3:20 – 4:33 PM

SOPHISTICATED CLI STRATEGIES

“Back On The Chain Gang”

Moderator: Jihad Mustapha, MD

- Crossing and Treating the MOST Severe Calcification Cases
Donald L. Jacobs, MD
- Puncturing the Peroneal and Metatarsal Arteries
Bret N. Wiechmann, MD
- Rendezvous Procedures Requiring Multiple Pedal Access Sites
Jihad Mustapha, MD
- Pedal Loop Interventions Simplified
Marco Manzi, MD
- Resolving Intraprocedural Spasm, Recoil, and Very Distal Embolization and No Reflow
Mahmood Razavi, MD
- Endovascular Approach to Seemingly “No Option” Angiographic Patterns: Isolated Tibial Segment, Absent Pedal Outflow, Non-Visualized Pedal Reconstitution
Constantino Peña, MD
- Case Reviews and Q&A
Moderator: Jihad Mustapha, MD
Panel: Donald L. Jacobs, MD; Marco Manzi, MD; Constantino Peña, MD; Mahmood Razavi, MD; Bret N. Wiechmann, MD

4:33 – 5:09 PM

EXTREME CLI CASES OF THE YEAR FROM AROUND THE WORLD

“Take It To The Limit”

Moderator: Michael R. Jaff, DO

Panel: Tony Das, MD; Jihad Mustapha, MD; John H. Rundback, MD

- Extreme Case #1 **Tony Das, MD**
- Extreme Case #2 **Martin Werner, MD**
- Extreme Case #3 **Francesco Liistro, MD**
- Extreme Case #4 **Osamu Iida, MD**



SUNDAY, NOVEMBER 1, 2015

AORTIC ARMAGEDDON II

Aortic Armageddon returns by popular demand and offers an unparalleled opportunity to immerse yourself in a full day of intimate and interactive discussion with experts highlighting the ins and outs of aortic essentials from the arch to the iliac bifurcation. Complex case reviews, complication management, and faculty panel discussions will cover a wide variety of topics and will provide in-depth discussions that are sure to prepare you for the Aortic Armageddon.

7:55 – 8:00 AM

COURSE INTRODUCTION

Manish Mehta, MD

8:05 – 9:08 AM

AORTIC ESSENTIALS

Moderator: Sean Lyden, MD

- Identifying Patients at High Risk for Aortic Aneurysms and Dissections - The Evolving Role of Genetic Biomarkers
David L. Dawson, MD
- Aortic Imaging - From Case Planning to Long-term Follow-up
Evan Lipsitz, MD
- Aortic Awareness
Ali Azizzadeh, MD
- Redefining the Aortic Neck
Sean Lyden, MD
- Adjunctive Tools of the Trade - Specialized Wires, Catheters, Sheaths, Stents, and Endostaples. What to Use and When?
William D. Jordan Jr., MD
- Radiation Safety During EVAR and TEVAR - The Elephant in the Room
John Kaufman, MD
- Panel Discussion
Panel: Ali Azizzadeh, MD; David L. Dawson, MD; William D. Jordan Jr., MD; John Kaufman, MD; Evan Lipsitz, MD

9:08 – 10:35 AM

AORTIC CONTROVERSIES

Moderator: Manish Mehta, MD

- When is an All-Endovascular Approach the Best Choice for Thoracic Arch Aneurysms?
Edward Woo, MD
- When is a Hybrid Surgical-Endovascular Approach the Best Choice for Thoracic Arch Aneurysms?
Ali Azizzadeh, MD
- Can We Identify Uncomplicated Thoracic Aortic Dissection Patients that Benefit from TEVAR?
Christopher Kwolek, MD
- Panel Discussion
Panel: Ali Azizzadeh, MD; Christopher Kwolek, MD; Edward Woo, MD
- Which Patients Benefit the Most from Fenestrated/Branched Stent Grafts?
William D. Jordan Jr., MD
- Which Patients Benefit the Most from Parallel Stent Grafts/Chimneys and Periscopes?
Armando Lobato, MD, PhD
- Which Patients Benefit the Most from Open Surgical Repair?
Christopher Kwolek, MD
- Panel Discussion
Panel: William D. Jordan Jr., MD; Christopher Kwolek, MD; Armando Lobato, MD, PhD
- Ruptured EVAR is the New Gold Standard - Can We Identify Who Benefits Most?
Frank J. Veith, MD
- Type I Endoleak Treatment Strategies - Stent Graft Extensions, Palmaz Stents, Embolic Agents, Endoanchors, or No Intervention - What's the Best Option?
Timothy M. Sullivan, MD
- Type II Endoleaks - When to Intervene and How?
John H. Rundback, MD
- Panel Discussion
Panel: John H. Rundback, MD; Timothy M. Sullivan, MD; Frank J. Veith, MD

10:35 – 10:55 AM REFRESHMENT BREAK

10:55 AM – 12:00 PM

ABDOMINAL AORTIC ROUNDTABLE:

WHAT WOULD YOU DO?

- V.I.V.A Teams (**V**ascular Interventions and **V**ascular **A**nswers) compete for best approach to complex cases
Moderator: Manish Mehta, MD
Participants: William D. Jordan Jr., MD; Christopher Kwolek, MD; Jason T. Lee, MD; Armando Lobato, MD, PhD; D. Christopher Metzger, MD; Timothy M. Sullivan, MD

12:00 – 1:00 PM LUNCH

1:00 – 1:58 PM EVAR PEARLS I

Moderator: Michael Dake, MD

- Techniques to Master: Percutaneous Large Access Closure Techniques
John Laird Jr., MD
- Techniques to Master: Single and Double Renal Chimney During EVAR
Jason T. Lee, MD
- Techniques to Master: All Visceral Chimney Endovascular Docking Station
Manish Mehta, MD
- Techniques to Master: Endovascular Septotomy
Michael Dake, MD
- Technical Tips and Tricks for Achieving Successful Supra-Aortic Balloon Control With Ruptured AAA's
Frank J. Veith, MD
- Techniques to Master: Stent Graft Explant When Needed
Evan Lipsitz, MD
- Panel Discussion
Panel: John Laird Jr., MD; Jason T. Lee, MD; Evan Lipsitz, MD; Manish Mehta, MD; Frank J. Veith, MD

1:58 – 2:40 PM EVAR PEARLS II

Moderator: John Kaufman, MD

- Pitfalls to Avoid: With Infrarenal Fixation Stent Grafts
Luis A. Sanchez, MD
- Pitfalls to Avoid: With Suprarenal Fixation Stent Grafts
Darren Schneider, MD
- Pitfalls to Avoid: With Polymer Based Stent Grafts
D. Christopher Metzger, MD
- Pitfalls to Avoid: With Fenestrated/Branched Stent Grafts
Mark A. Farber, MD
- Panel Discussion
Panel: Mark A. Farber, MD; D. Christopher Metzger, MD; Luis A. Sanchez, MD; Darren Schneider, MD

2:40 – 2:55 PM REFRESHMENT BREAK

2:55 – 3:40 PM THORACIC AORTIC ROUNDTABLE: WHAT WOULD YOU DO?

- V.I.V.A Case Competition
Moderator: Manish Mehta, MD
Participants: Ali Azizzadeh, MD; Mark A. Farber, MD; Jean M. Panneton, MD; Luis A. Sanchez, MD; Edward Woo, MD

3:40 – 3:56 PM TEVAR PEARLS I

Moderator: Sean Lyden, MD

- Techniques to Master: Multi-Modality Imaging Guidance for Aortic Dissections
Constantino Peña, MD
- Techniques to Master: Arch Chimneys and Fenestration During TEVAR
Jean M. Panneton, MD

3:56 – 4:22 PM TEVAR PEARLS II

Moderator: Sean Lyden, MD

- Pitfalls to Avoid: Spinal Cord Ischemic Complications
Ali Azizzadeh, MD
- Pitfalls to Avoid: False Lumen Perfusion Following TEVAR
Joseph Lombardi, MD
- Panel Discussion
Panel: Ali Azizzadeh, MD; Joseph Lombardi, MD; Jean M. Panneton, MD

4:22 – 5:02 PM AORTIC INTERVENTION - WHERE ARE WE HEADED?

Moderator: James Joye, DO

- Thoracic Aortic Stent Graft Technology
Cherrie Abraham, MD
- Abdominal Aortic Stent Graft Technology
Pierre Galvagni Silveira, MD, PhD
- The Future of Aortic Simulation
Jason Ricci, MD
- Outpatient EVAR
Hasan H. Dosluoglu, MD
- Panel Discussion
Panel: Cherrie Abraham, MD; Hasan H. Dosluoglu, MD; Jason Ricci, MD; Pierre Galvagni Silveira, MD, PhD



SUNDAY, NOVEMBER 1, 2015

NURSES + TECHS

This educational symposium is dedicated to the cardiovascular healthcare professionals who play a critical role in the delivery of vascular care. Integrated faculty will focus their presentations from the healthcare professional's perspective featuring a wide variety of interesting topics including peripheral arterial disease, carotid artery disease and stenting, emerging therapies in the endovascular suite, non-invasive vascular testing, venous disease and treatment options, strategies to reduce vascular complications and coming changes in the healthcare environment. This interactive, dynamic program will incorporate moderated case presentations with panel discussions.

Special Sessions!

Nurses + Techs: Life on the Frontline attendees will have the opportunity to continue learning during VIVA 15 in specially designed sessions on Monday and Tuesday.

7:30 – 7:35 AM

COURSE INTRODUCTION AND WELCOME

John Laird Jr., MD

7:35 – 10:15 AM

INTERVENTION ESSENTIALS

Moderator: Tony Das, MD

- Radiation Exposure: New Techniques Are Making the Workplace Safer for You and Your Patient
John Kaufman, MD
- Alternative Imaging Including CO₂ for Peripheral Procedures: Essentials and Techniques
John H. Rundback, MD

- Reducing Vascular Complications Part 1: Ultrasound-Guided Access and Micropuncture Techniques
John Laird Jr., MD
- Reducing Vascular Complications Part 2: Optimal Selection and Use of Closure Devices
Michael Guiry, PA-C, MBA
- Radial Artery Access: Techniques to Make this a Very Safe Option
Mark Burket, MD
- Techniques for Successfully Dealing with Vascular Rupture
Tony Das, MD
- New Anticoagulants and Antiplatelet Agents: Optimal Use During and After the Procedure
Dawn Hoosier-Paty, MSN, FNP
- The Basics of Duplex Ultrasound Scanning: What You Need to Know in the Angio Suite for Successful Imaging During Access and Procedures
Gail Hadley, RN, RVT

10:15 – 10:30 AM REFRESHMENT BREAK

10:30 AM – 12:10 PM

VENOUS INTERVENTIONS

Moderator: John Kaufman, MD

- IVC Filters: Current and Future Devices
John Kaufman, MD
- Designing a Program to Successfully Remove IVC Filters in the Majority of Patients
Mahmood Razavi, MD
- Anatomy of the Venous System: Normal and Variant Venous Anatomy that You Need to Recognize
Raghu Kolluri, MD
- Venous Ablation: Optimizing Techniques
Raghu Kolluri, MD
- Making Sense of the New Anticoagulant Medications for Prophylaxis and Treatment of DVT
Michael R. Jaff, DO
- Case-Based Discussion: Acute, Complicated DVT
Moderator: Michael R. Jaff, DO
Panel: Debra Kohlman-Trigoboff, ACNP-BC, CVN; Raghu Kolluri, MD

12:10 – 1:10 PM LUNCH

1:10 – 2:50 PM TOOLS OF THE TRADE

Moderator: Tony Das, MD

- Atherectomy, PTA, and DES Below-the-Knee: Which Device for Which Lesion?
Lawrence A. Garcia, MD
- Drug-Coated Balloons: The Details to Optimize Outcomes
Jihad Mustapha, MD
- Thromboembolism Devices for Acute Limb Ischemia: Which and When?
Debra Kohlman-Trigoboff, ACNP-BC, CVN
- Thrombolytic Therapy in the Endovascular Suite - From PE/DVT to Arterial Thrombosis: Are There Optimal Dosing and Delivery Techniques?
James P. Zidar, MD
- Acute Limb Ischemia: When Surgery, When Endo, and Post-Procedural Care
Tiffany K. Street, MSN

2:50 – 3:05 PM REFRESHMENT BREAK

3:05 – 5:05 PM NEW TECHNIQUES & TECHNOLOGY, PART I

Moderator: John Laird Jr., MD

- Large Bore Closure: How to Maximize Success
Rabih Chaer, MD
- Device-Based Discussion on Chronic Total Occlusions
John Laird Jr., MD
- Devices for Submassive and Massive PE
Alan Matsumoto, MD
- PE Treatment Recommendations and Why You Should Have a PE Team at Your Institution
Karen Fitzgerald, MSN, RN, NP, CVN
- Vessel Preparation that May Improve Luminal Gain
Mark Burket, MD
- Methods of Decreasing Waste in the Angiographic Suite
Kelly B. Charette, RT(R)(VI) ARRT

ADDITIONAL SPECIAL SESSIONS OFFERED DURING VIVA 15!

These special satellite events are designed for the healthcare professional to discuss the challenges and review treatment options.

MONDAY, NOVEMBER 2

3:15 – 4:55 PM NEW TECHNIQUES & TECHNOLOGY, PART II

Moderator: D. Christopher Metzger, MD

- When to Utilize Specialty Balloons
Lawrence A. Garcia, MD
- Review of Carotid Stenting: Dealing with Hypotension
Kathleen Rich, PhD, RN, CCNS
- Proximal Versus Distal Protection for Carotid Stenting
William A. Gray, MD
- Tableside Neurologic Evaluation: What is Important
Marie E. Rossi, RN, BS, CVN
- Multispecialty Angiographic Suites and Hybrid Labs: How to Successfully Cross-Train Staff
Anita Puthuparampil-Suchdeve, BSN, RN

TUESDAY, NOVEMBER 3

2:35 – 3:35 PM SUCCESSFUL PLANNING FOR LIMB SALVAGE

Moderator: John Laird Jr., MD

- Case-Based Discussion: Critical Limb Ischemia
Moderator: John Laird Jr., MD
Panel: George L. Adams, MD; Anita Puthuparampil-Suchdeve, BSN, RN; Laurie Ventura, RN, BSN
- Preparing the Patient for Various Access Sites: Antegrade Femoral, Popliteal, Pedal, and Tibial
Laurie Ventura, RN, BSN
- Optimizing the Chances for Limb Salvage: Multivessel Revascularization, Plantar Arch Reconstruction, Angiosome-Guided Therapy
George L. Adams, MD



GENERAL SESSION

MONDAY, NOVEMBER 2, 2015 • DAY 1

WELCOME TO VIVA 15

7:55 - 8:05 am **Michael R. Jaff, DO**

GLOBAL ADVANCES

8:05 - 8:13 am Global Revascularization of the Ischemic Foot: Pushing the Boundaries **Mark Burket, MD**

8:13 - 8:21 am Drugs and Devices: What Is the Future? **Iris Baumgartner, MD**

8:21 - 8:29 am The Next Phase in Peripheral Interventional Trials: Insights From the VIVA OPC's **Krishna Rocha-Singh, MD**

8:29 - 10:05 am

LATE-BREAKING CLINICAL TRIALS

Moderators: Michael R. Jaff, DO; Krishna Rocha-Singh, MD

Hear it first, here at VIVA! Highly anticipated presentations comprised of late-breaking clinical trials, follow-up data from major randomized trials, single or multi-center registries and first-in-man experiences with novel devices or drugs, all discussed by a multispecialty group of panelists.

10:05 - 10:35 am

REFRESHMENT BREAK

10:35 - 10:43 am

Intervention for Pulmonary Embolus: The Time Is Now **Samuel Z. Goldhaber, MD**

10:43 - 10:51 am

Management of Central Venous Occlusions **Mahmood Razavi, MD**

10:51 - 10:56 am

VASCULAR CAREER ADVANCEMENT AWARD PRESENTATION

Award Presenters: Michael R. Jaff, DO; Dierk Scheinert, MD

Award Recipients: Theodosios Bisdas, MD, PhD; Raghu Kolluri, MD

10:56 am - 12:00 pm

LIVE CASE DEMONSTRATIONS: OhioHealth/Riverside Methodist Hospital

Moderator: Tony Das, MD

Panel: Mark C. Bates, MD; Mark J. Garcia, MD; James Joye, DO; Francesco Liistro, MD; Evan Lipsitz, MD; Darren Schneider, MD

12:00 - 1:20 pm

LUNCH / SATELLITE SYMPOSIA

CONCURRENT SESSIONS

COMPLEX CASE WORKSHOP

10:15 - 11:00 am and 4:30 - 5:25 pm
This intimate session is designed to engage the case operators with the audience and panel, who will break down each case, step-by-step. See page 29 for agenda.

HANDS-ON!

10:15 am - 12:00 pm

Learn the latest techniques and gain hands-on training in **Percutaneous Thrombectomy**. Space is Limited. See page 30.

VIVA★2015 STRATEGIES ON THE FRONTLINE

11:05 am - 4:10 pm

This course provides an intense experience full of complication management and complex cases with attendee interaction. See page 28 for agenda.

1:20 - 2:20 pm

LIVE CASE DEMONSTRATIONS: OhioHealth/Riverside Methodist Hospital and Tokeidai Memorial Hospital

Moderator: Michael Dake, MD

Panel: George L. Adams, MD; Robert Bersin, MD; Michael R. Jaff, DO; Pierre Galvagni Silveira, MD, PhD; Timothy M. Sullivan, MD; Martin Werner, MD

2:20 - 2:28 pm

Chronic Mesenteric Ischemia: Who to Treat and How **John Kaufman, MD**

2:28 - 2:36 pm

Renal Artery Stenting: State-of-the-Art **Alan Matsumoto, MD**

2:36 - 2:44 pm

Sympathetic Modulation: What's the Buzz? **David Kandzari, MD**

2:44 - 3:14 pm

REFRESHMENT BREAK

ILIAC / FEMORAL

3:14 - 4:20 pm

LIVE CASE DEMONSTRATIONS: Tokedai Memorial Hospital

Moderator: John Laird Jr., MD

Panel: George L. Adams, MD; Mark Burket, MD; David L. Dawson, MD; Douglas Drachman, MD; Robert Lookstein, MD; David Planer, MD

4:20 - 4:28 pm

Covered Stents for Iliac Disease: Do They Truly Improve Outcomes? **John Laird Jr., MD**

4:28 - 4:36 pm

Iliac Chronic Total Occlusions: State-of-the-Art Approaches **Robert Lookstein, MD**

4:36 - 4:44 pm

Management of Iliac Occlusive Disease in the Abdominal Aortic Aneurysm Patient **Rabih Chaer, MD**

4:44 - 4:52 pm

Infrarenal Aortic Occlusion: Is This An Endo Problem? **James Joye, DO**

4:52 - 5:00 pm

Novel Stent Technologies in the SFA: Do We Have the Answer? **Dierk Scheinert, MD**

5:00 - 5:08 pm

Intervention Plus Aggressive Medical Therapy and Exercise: Is This the Paradigm Going Forward?

Joshua A. Beckman, MD

5:08 - 5:16 pm

Antiplatelet Therapy Before, During, and After Intervention **Ehrin Armstrong, MD**

5:16 - 5:24 pm

Molecular and Cell Therapies: Where Do We Stand in 2015? **Michael Murphy, MD**

5:24 pm

DAY ONE CONCLUDES / SATELLITE SYMPOSIA


THE ROUNDTABLE

1:20 - 5:10 pm

Take a deep dive into hot topics through focused presentations followed by lively debate.

See page 25-27 for agenda.

NURSES + TECHS

3:15 - 4:55 pm

This special satellite event is designed for the healthcare professional to discuss challenges and review treatment options.

See page 17 for agenda.

VIVA FACE-OFF

4:20 - 5:30 pm

Vascular fellows and international physicians face-off with VIVA faculty presenting original research and interesting cases.

See page 31 for agenda.

GENERAL SESSION

TUESDAY, NOVEMBER 3, 2015 • DAY 2

7:00 - 8:00 am Satellite Symposia
8:05 - 8:10 am Review of Monday's Live Cases

8:10 - 9:34 am **LATE-BREAKING CLINICAL TRIALS**
Moderators: Michael R. Jaff, DO; Krishna Rocha-Singh, MD
Hear it first, here at VIVA! Highly anticipated presentations comprised of late-breaking clinical data.

9:34 - 10:04 am **REFRESHMENT BREAK**

CRITICAL LIMB ISCHEMIA (CLI)

10:04 - 11:04 am **LIVE CASE DEMONSTRATIONS:** Holy Name Medical Center and Hawaii Permanente
Moderator: John Kaufman, MD
Panel: Lawrence A. Garcia, MD; Matthew Menard, MD; Robert Morgan, MD; Mahmood Razavi, MD; Dierk Scheinert, MD; Darren Schneider, MD

11:04 - 11:12 am Balloon Technologies for Below-the-Knee Disease **Martin Werner, MD**
11:12 - 11:20 am Drug-Coated Balloons in CLI: Safe, Effective, or Harmful? **Francesco Liistro, MD**
11:20 - 11:28 am BEST Trial: What Will It Add? **Matthew Menard, MD**
11:28 - 11:36 am Atherectomy in CLI: When Is It a Standalone Therapy? **Robert Bersin, MD**
11:36 - 11:44 am Extreme Access for CLI: What Have We Learned? **Jihad Mustapha, MD**
11:44 - 11:52 am CLI Intervention: How Do You Know You're Done? **James Benenati, MD**
11:52 am - 12:00 pm Surveillance of the Ischemic Foot Following Intervention: Does Anything Work? **Evan Lipsitz, MD**

12:00 - 1:20 pm **LUNCH / SATELLITE SYMPOSIA**

1:20 - 2:35 pm **LIVE CASE DEMONSTRATIONS:** Holy Name Medical Center
Moderator: Michael R. Jaff, DO
Panel: James Benenati, MD; Tony Das, MD; David L. Dawson, MD; Mark J. Garcia, MD; Arthur C. Lee, MD; Miguel Montero-Baker, MD

CONCURRENT SESSIONS

COMPLEX CASE WORKSHOP

2:25 - 5:30 pm
This intimate session is designed to engage the case operators with the audience and panel, who will break down each case, step-by-step. See page 29 for agenda.

HANDS-ON!

3:30 - 5:15 pm
Learn the latest techniques and gain hands-on training in **Atherectomy**.
Space is Limited. See page 30.

VIVA★2015 STRATEGIES ON THE FRONTLINE

11:15 am - 4:40 pm
This course provides an intense experience full of complication management and complex cases with attendee interaction. See page 28 for agenda.

DVT INTERVENTION

- 2:35 - 2:43 pm I Think My Patient Has DVT: What Do I Do? **Bruce Gray, DO**
- 2:43 - 2:51 pm Anticoagulation: With What and How Long? **Michael R. Jaff, DO**
- 2:51 - 2:59 pm What Will ATTRACT Tell Us and When Will We Know? **Suresh Vedantham, MD**
- 2:59 - 3:07 pm Acute DVT: Do We Have the Right Tools? **Anthony Comerota, MD**
- 3:07 - 3:15 pm Venous Stenting: Devices and Techniques **Mark J. Garcia, MD**

- 3:15 - 3:23 pm **ATLAS AWARD PRESENTATION (A Teacher, Leader, And Scholar)**
Award Presenter: Kenneth Rosenfield, MD
Award Recipient: Gary Roubin, MD, PhD

- 3:23 - 3:53 pm **REFRESHMENT BREAK**

- 3:53 - 4:50 pm **LIVE CASE DEMONSTRATIONS: Hawaii Permanente**
Moderator: D. Christopher Metzger, MD
Panel: Iris Baumgartner, MD; David L. Dawson, MD; Patrick J. Geraghty, MD; Osamu Iida, MD; Joseph Lombardi, MD; Suresh Vedantham, MD

TRAINWRECK TUESDAY

- 4:50 - 5:00 pm Trainwreck #1 **D. Christopher Metzger, MD**
- 5:00 - 5:10 pm Trainwreck #2 **Tony Das, MD**
- 5:10 - 5:20 pm Trainwreck #3 **Manish Mehta, MD**
- 5:20 - 5:30 pm Trainwreck #4 **James Joye, DO**

- 5:30 pm **DAY TWO CONCLUDES**

- 6:00 - 9:00 pm **VIVA'S HAPPIEST HOURS RECEPTION**
Wynn Las Vegas' Tryst Nightclub

You are invited to attend VIVA's Happiest Hours Reception. Come enjoy food, drinks, and entertainment at Wynn's renowned Tryst nightclub.

Attendance is included in your conference registration fee. Guest tickets may be purchased for an additional \$100. Must be 21 years old and be prepared to show I.D.

THE ROUNDTABLE

10:00 am - 5:10 pm
Take a deep dive into hot topics through focused presentations followed by lively debate.
See page 25-27 for agenda.

NURSES + TECHS

2:35 - 3:35 pm
This special one-hour satellite event is designed for the healthcare professional to discuss challenges and review treatment options.
See page 17 for agenda.

VIVA FACE-OFF

11:05 am - 12:00 pm, 2:40 - 3:20 pm, and 4:50 - 5:30 pm
Vascular fellows and international physicians face-off with VIVA faculty presenting original research and interesting cases. See page 31 for agenda.

GENERAL SESSION

WEDNESDAY, NOVEMBER 4, 2015 • DAY 3

7:00 - 8:00 am Satellite Symposia
8:05 - 8:10 am Review of Tuesday's Live Cases

LINC LIVE



8:10 - 9:10 am

LIVE CASE DEMONSTRATIONS: University Hospital Leipzig

Moderator: Kenneth Rosenfield, MD

Panel: Gary Ansel, MD; Joshua A. Beckman, MD; Barry T. Katzen, MD; Christopher Kwolek, MD; Sean Lyden, MD; Dierk Scheinert, MD

9:10 - 9:18 am Intervention for the Common Femoral Artery: What's the Best Approach? **Tony Das, MD**
9:18 - 9:26 am Drug-Coated Balloons in the SFA: Is This a Class Effect? **Marianne Brodmann, MD**
9:26 - 9:34 am Real-World Drug-Coated Balloon Results in the SFA **Miguel Montero-Baker, MD**
9:34 - 9:42 am Optimal Management of Instant Restenosis **Osamu Iida, MD**
9:42 - 9:50 am Atherectomy and Drug-Coated Balloons: Marriage or Bust? **D. Christopher Metzger, MD**
9:50 - 9:58 am Drug-Eluting Stents for SFA Disease **Johannes Lammer, MD**
9:58 - 10:06 am Stent Grafts for SFA Disease **Patrick J. Geraghty, MD**
10:06 - 10:34 am **REFRESHMENT BREAK**

10:34 am - 12:00 pm

LIVE CASE DEMONSTRATIONS: University Hospital Leipzig

Moderator: Peter A. Schneider, MD

Panel: Theodosios Bisdas, MD, PhD; Marianne Brodmann, MD; Johannes Lammer MD; Jihad Mustapha, MD; Dierk Scheinert, MD; Mehdi Shishehbor, DO, PhD

12:00 - 1:20 pm **LUNCH / SATELLITE SYMPOSIA**

CEREBROVASCULAR RESURGENCE

1:20 - 2:10 pm

LIVE CASE DEMONSTRATIONS: Stanford University Medical Center

Moderator: James Joye, DO

Panel: Tony Das, MD; Nick Hopkins, MD; Michael R. Jaff, DO; Barry T. Katzen, MD; Alexander A. Khalessi, MD; Joseph Lombardi, MD

CONCURRENT SESSIONS

COMPLEX CASE WORKSHOP

2:15 - 5:30 pm

This intimate session is designed to engage the case operators with the audience and panel, who will break down each case, step-by-step. See page 29 for agenda.

HANDS-ON!

1:30 - 3:25 pm and
3:35 - 5:30 pm

Learn the latest techniques and gain hands-on training in **Ultrasound-Guided Vascular Access**. Space is Limited. See page 30.

VIVA★2015 STRATEGIES ON THE FRONTLINE

1:20 - 4:05 pm

This course provides an intense experience full of complication management and complex cases with attendee interaction. See page 28 for agenda.

- 2:10 - 2:18 pm CREST 2 and CREST 2 Registry **Gary Roubin, MD, PhD**
- 2:18 - 2:26 pm Customizing Carotid Protection: Matching the Device to the Patient **William A. Gray, MD**
- 2:26 - 2:34 pm Will Micromesh Stents Have a Meaningful Impact on Carotid Stent Outcomes?
Mehdi Shishehbor, DO, PhD
- 2:34 - 2:42 pm Acute Stroke Intervention: Light At the End of the Tunnel **Alexander A. Khalessi, MD**
- 2:42 - 2:50 pm The Evolution of Stroke Therapies: Past, Present, and Future **Nick Hopkins, MD**

- 2:50 - 2:55 pm **LIVE AWARD PRESENTATION** (Leader In EndoVascular Education)
Award Presenter: Michael R. Jaff, DO
Award Recipient: Timothy M. Sullivan, MD

- 2:55 - 3:20 pm **REFRESHMENT BREAK**

AORTIC CHALLENGES

- 3:20 - 4:17 pm **LIVE CASE DEMONSTRATIONS:** Stanford University Medical Center
Moderator: Manish Mehta, MD
Panel: Robert Bersin, MD; Andrew Holden, MD; Joseph Lombardi, MD; Gustavo Oderich, MD; Kenneth Rosenfield, MD; Darren Schneider, MD
- 4:17 - 4:25 pm EVAR for Ruptured Abdominal Aortic Aneurysm: Is It the New Gold Standard? **Christopher Kwolek, MD**
- 4:25 - 4:33 pm EVAR Technology: What Lies Ahead? **Andrew Holden, MD**
- 4:33 - 4:41 pm Iliac Branch Graft Technologies: Preserving the Pelvic Circulation **Darren Schneider, MD**
- 4:41 - 4:49 pm Fenestrated Grafts for EVAR: What Are the Limits? **Gustavo Oderich, MD**
- 4:49 - 4:57 pm Thoracoabdominal Aortic Aneurysm Repair with Parallel Stent Grafts/Endovascular Docking Stations
Manish Mehta, MD
- 4:57 - 5:05 pm Novel Sac Management Techniques **Gary Siskin, MD**
- 5:05 - 5:13 pm Early Intervention for Uncomplicated Acute Type B Dissection **Timothy M. Sullivan, MD**
- 5:13 - 5:21 pm Management Strategies for Malperfusion in Complicated Acute Type B Dissection **Robert Morgan, MD**
- 5:21 - 5:29 pm Chronic Aortic Dissection: When to Treat and How? **Joseph Lombardi, MD**
- 5:29 pm **DAY THREE CONCLUDES / SATELLITE SYMPOSIA**

THE ROUNDTABLE

8:05 am - 5:10 pm
Take a deep dive into hot topics through focused presentations followed by lively debate.
See page 25-27 for agenda.

ABIM MOC

10:00 am - 12:00 pm and
3:30 - 5:30 pm

VIVA will be hosting two Maintenance of Certification (MOC) Learning Sessions. See page 32.

VIVA FACE-OFF

9:10 - 10:05 am, 2:15 - 2:55 pm,
and 4:20 - 5:30 pm

Vascular fellows and international physicians face-off with VIVA faculty presenting original research and interesting cases. See page 31 for agenda.

7:55 - 8:00 am Review of Wednesday's Live Cases

VIVA FACE-OFF WINNER'S CIRCLE

8:00 - 9:00 am Top 5 Face-Off Presentations **Joshua A. Beckman, MD; Manish Mehta, MD**

RAPID FIRE TRIUMPHS & TRAGEDIES

Sean Lyden, MD

9:00 - 9:12 am Rapid Fire #1 **John H. Rundback, MD**

9:12 - 9:24 am Rapid Fire #2 **Tony Das, MD**

9:24 - 9:36 am Rapid Fire #3 **Kenneth Rosenfield, MD**

9:36 - 9:48 am Rapid Fire #4 **Peter A. Schneider, MD**

9:48 - 10:00 am Rapid Fire #5 **Joshua A. Beckman, MD**

10:00 - 10:12 am Rapid Fire #6 **Sean Lyden, MD**

10:12 - 10:15 am Rapid Fire Wrap-Up

10:15 - 10:30 am **REFRESHMENT BREAK**

VIVA TOP DOC 2015

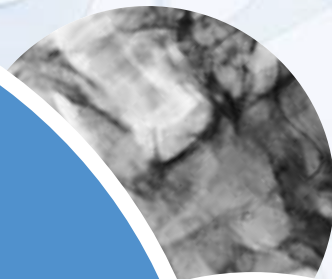
10:30 am - 12:00 pm **New This Year.** Join the audience as they answer challenging questions regarding vascular disease states and vascular care on their handheld devices. Miss a question and you are eliminated. The last 10 remaining audience members will take the stage to battle it out for the title of VIVA's Top Doc. Prizes will be awarded. **Michael Dake, MD; Michael R. Jaff, DO; John Laird Jr., MD**

VIVA 15 CONCLUDES

12:00 pm **Michael R. Jaff, DO**

SAVE THE DATE
VIVA 2016

WYNN, LAS VEGAS
SEPTEMBER 18-22, 2016



THE ROUNDTABLE

Monday, November 2 – Wednesday, November 4

Dedicated to breaking down hot topics through a format of focused presentations followed by lively debate, The Roundtable provides a relaxed setting where attendees can take a deep dive into a specific topic in vascular care. Within each topic, panelists will provide a presentation followed by brief periods of concentrated discussion allowing the audience ample opportunity to explore, in-depth, their chosen areas of interest.

MONDAY, NOVEMBER 2

1:20 – 2:10 PM

CAROTID ARTERY STENTING 2015

Moderator: D. Christopher Metzger, MD

Panel: William A. Gray, MD; Nick Hopkins, MD; Alexander A. Khalessi, MD; Christopher Kwolek, MD; Gary Roubin, MD, PhD

- Carotid Stenting—My Top 5 Lessons Learned
Gary Roubin, MD, PhD
- Do DWI Lesions Matter? **Nick Hopkins, MD**
- When to Combine Proximal and Distal Embolic Protection?
D. Christopher Metzger, MD
- Transcervical Access with Flow Reversal—The New Gold Standard? **Christopher Kwolek, MD**

2:20 – 3:10 PM

CLINICAL PEARLS IN VENOUS MANAGEMENT

Moderator: Joshua A. Beckman, MD

Panel: Mark J. Garcia, MD; Suresh Vedantham, MD; Ido Weinberg, MD

- Anticoagulation: Warfarin and TSOAC's—When to Use What and How? **Ido Weinberg, MD**
- Intervention for Acute Iliofemoral DVT—Is It Time?
Suresh Vedantham, MD
- Intervention for Chronic Iliofemoral Venous Obstruction: Can This Work? **Mark J. Garcia, MD**
- Transition from Warfarin to TSOAC to LMWH to UFH: Clarity Around the Madness **Ido Weinberg, MD**

3:20 – 4:10 PM

MANAGEMENT OF PULMONARY EMBOLISM - IT'S NOT JUST HEPARIN ANYMORE

Moderators: Samuel Z. Goldhaber, MD; Michael R. Jaff, DO

Panel: John Kaufman, MD; Gregory Piazza, MD; Kenneth Rosenfield, MD

- First-Line Medical Therapy for PE: What's What?
Gregory Piazza, MD
- Indications for IVC Filter and Technical Tips **John Kaufman, MD**
- Who Should Go To the Lab and When? **Samuel Z. Goldhaber, MD**
- Interventional Strategies for PE: When and How?
Kenneth Rosenfield, MD

4:20 – 5:10 PM

CICE @ VIVA – PARALLEL STENT GRAFTS MIGHT BE THE BEST SOLUTION FOR ARCH, THORACOABDOMINAL, AND AORTOILIAC ANEURYSMS - A CASE-BASED DISCUSSION

Moderator: Armando Lobato, MD, PhD

Panel: Jason T. Lee, MD; Manish Mehta, MD; Zoran Rancic, MD, PhD

- Parallel Stent Grafts for Complete Arch TEVAR **Manish Mehta, MD**
- Parallel Stent Grafts for Complete Visceral EVAR
Zoran Rancic, MD, PhD
- Parallel Stent Grafts for Preserving Pelvic Circulation During EVAR
Jason T. Lee, MD

CICE2016

THE **ROUNDTABLE** Continued...

TUESDAY, NOVEMBER 3

10:00 – 10:50 AM

FEMOROPLOPITEAL INSTENT RESTENOSIS - FINDING THE ANSWERS

Moderator: John Laird Jr., MD

Panel: Ehrin Armstrong, MD; Iris Baumgartner, MD; Osamu Iida, MD

- Historical Perspective and the Importance of Angiographic Patterns of Restenosis **Ehrin Armstrong, MD**
- Femoropopliteal ISR Following DES: Are There Any Differences? **Osamu Iida, MD**
- Laser Atherectomy for Diffuse ISR and Instent Occlusion **John Laird Jr., MD**
- Drug-Coated Balloons Alone or Combination Therapy with Atherectomy and DCB? **Iris Baumgartner, MD**

11:00 – 11:50 AM

ADVANCED CTO TECHNIQUES WITH THE EXPERTS

Moderator: James Joye, DO

Panel: George L. Adams, MD; Arthur C. Lee, MD; Marco Manzi, MD

- Easier and Faster Retrograde Pedal Access **Arthur C. Lee, MD**
- Which Guidewire When? **George L. Adams, MD**
- Retrograde Recanalization Techniques **Marco Manzi, MD**
- Enlightened Use of CTO Devices **James Joye, DO**

1:30 – 3:10 PM

SCAI @ VIVA

Moderators: Mark C. Bates, MD; Robert Bersin, MD

Panel: Douglas Drachman, MD; Osamu Iida, MD; Kenneth Rosenfield, MD; Mehdi Shishehbor, DO, PhD; Timothy M. Sullivan, MD

- Introduction and Welcome **Kenneth Rosenfield, MD**
- Access and Cardiac Interventions: Available Options – Case Presentation **Douglas Drachman, MD**
- Iatrogenic Pseudoaneurysms—Optimal Management Strategies – Case Presentation **Timothy M. Sullivan, MD**
- Recognition of Vascular Complications During Coronary Interventions – Case Presentation **Mark C. Bates, MD**
- Heroic Techniques Used as Bailouts During Cardiac Procedures – Case Presentation **Robert Bersin, MD**



THE INNOVATION SUMMIT: ICI@VIVA



The future of innovation in vascular devices mandates a comprehensive understanding of opportunity, process, clinical trials, regulatory and reimbursement strategies. In keeping with VIVA's tradition of evaluating complex issues by experts, and by partnering with our colleagues at ICI who highlight innovation at every step, we are thrilled to have brought together a broad array of experts in medicine, technology, business, finance, legal, regulatory and reimbursement worlds to help us understand how and why to innovate. Join us and come up with the next great treatment!

3:20 – 4:10 PM

ICI @ VIVA - THE INNOVATION SUMMIT*

SECTION 1: THE IDEA

Course Co-Directors: Michael R. Jaff, DO; Chaim Lotan, MD

Moderator: Kenneth Rosenfield, MD

Panel: Mark C. Bates, MD; Steven J. Cagnetta, JD; Ron Ginor, MD; Daniel Hawkins; Andrew Holden, MD; Robert Hopkins; Aaron Kaplan, MD

- What is Innovation in Vascular Intervention and Why is it So Difficult? **Chaim Lotan, MD**
- How Do You Come Up with an Innovative Idea? **Mark C. Bates, MD**
- Who Do You Speak to First? Spouse, Friend, Accountant, Attorney? **Steven J. Cagnetta, JD**
- Where Do You Go for Cash? **Robert Hopkins**

4:10 – 4:30 PM **REFRESHMENT BREAK**

4:30 – 5:10 PM

ICI @ VIVA - THE INNOVATION SUMMIT*

SECTION 2: THE PROOF

Course Co-Directors: Michael R. Jaff, DO; Chaim Lotan, MD

Moderator: Michael R. Jaff, DO

Panel: Kenneth J. Cavanaugh Jr., PhD; Andrew Holden, MD; Louis Jacques, MD; Aaron Kaplan, MD; David Planer, MD; Krishna Rocha-Singh, MD; Carla M. Wiese

- Trial Strategies – Is Early Feasibility in the US for Real? **Carla M. Wiese**
- Where to Run Your FIH Trial? **Aaron Kaplan, MD**
- When to Speak with the FDA? **Kenneth J. Cavanaugh Jr., PhD**
- When to Speak with CMS? **Louis Jacques, MD**

*CME credits are not available for this session

WEDNESDAY, NOVEMBER 4

8:05 – 8:55 AM

DEALING WITH CALCIFIED LESIONS - TIPS AND TRICKS FROM THE EXPERTS

Moderator: Krishna Rocha-Singh, MD

Panel: Robert Bersin, MD; Marianne Brodmann, MD; Lawrence A. Garcia, MD; Jihad Mustapha, MD

- Do We Need a Better Classification Scheme for Vascular Calcification? **Krishna Rocha-Singh, MD**
- Does Atherectomy Really Work for Calcified Lesions? **Robert Bersin, MD**
- Optimizing Outcomes with the Supera Stent **Lawrence A. Garcia, MD**
- Lithoplasty: Is this the New Frontier for Calcium Management? **Marianne Brodmann, MD**

9:05 – 9:55 AM

INCREASING SAFETY DURING PERIPHERAL VASCULAR INTERVENTIONS

Moderator: John Kaufman, MD

Panel: George L. Adams, MD; David L. Dawson, MD; John Laird Jr., MD

- The Importance of Procedural Checklists Prior to Complicated Interventions **David L. Dawson, MD**
- Radiation Safety During Vascular Interventions: Old and New Ways to Protect Ourselves **John Kaufman, MD**
- Preventing Foreign Body Contamination During Vascular Interventions **George L. Adams, MD**
- Prevention and Treatment of Distal Embolization During Peripheral Vascular Interventions **John Laird Jr., MD**

10:05 – 10:55 AM

THE BUSINESS OF HEALTHCARE PART 1:

THE EVOLUTION OF PRACTICE - PHYSICIANS, HOSPITALS, AND THE FUTURE

Moderator: Tony Das, MD

Panel: Gary Ansel, MD; James Joye, DO; Barry T. Katzen, MD

- What Constitutes a Center of Excellence? The Players, the Plan and the Process **Barry T. Katzen, MD**
- The Impact of the Sunshine Act on Physician-Industry Relationships **James Joye, DO**
- Physicians as Employees: Is This a Healthy Relationship? **Gary Ansel, MD**
- Physician-Run Hospitals: What Are the Challenges and Synergies? **Tony Das, MD**

11:05 – 11:55 AM

THE BUSINESS OF HEALTHCARE PART 2:

PERSPECTIVES ON VASCULAR CENTERS OF THE FUTURE - ENTREPRENEURIAL ENTERPRISES, ACADEMIC IVORY TOWERS, OR SOMEWHERE IN BETWEEN?

Moderator: Michael R. Jaff, DO

Panel: Mark J. Garcia, MD; John Kaufman, MD; Sean Lyden, MD; D. Christopher Metzger, MD

- Research in the Private World: Are There Quality Data Producing Centers? **D. Christopher Metzger, MD**
- Is the Concept of Pay for Performance Another Fear Tactic? **John Kaufman, MD**
- Do Low-Cost Commodity Items Replace the Current Inventory? **Sean Lyden, MD**
- Synergies of Creating a Team for Disease Management: How and Why? **Mark J. Garcia, MD**

1:20 – 2:10 PM

DRUG-ELUTING STENTS IN PERIPHERAL ARTERIES

WHAT'S ON THE HORIZON?

Moderator: Gary Ansel, MD

Panel: Juan F. Granada, MD; Andrew Holden, MD; Johannes Lammer, MD; Mehdi Shishehbor, DO, PhD

- Drug-Eluting Stents in the SFA: What Are the Obstacles? **Juan F. Granada, MD**
- Drug-Eluting Stents in the SFA—Zilver PTX and Beyond **Gary Ansel, MD**
- Drug-Eluting and Bioresorbable Stents Below-the-Knee: What's the Latest? **Mehdi Shishehbor, DO, PhD**
- A Drug-Eluting Bioresorbable Vascular Scaffold for the SFA **Andrew Holden, MD**

2:20 – 3:10 PM

JAPANESE ENDOVASCULAR TREATMENT STRATEGIES*

Moderators: Osamu Iida, MD; Peter A. Schneider, MD

Panel: Hiroshi Ando, MD; Daizo Kawasaki, MD; Yoshimitsu Soga, MD, PhD

- Wire Rendezvous **Hiroshi Ando, MD**
- IVUS-Guided EVT **Daizo Kawasaki, MD**
- ISR Pattern After DES Implantation **Osamu Iida, MD**
- EVT Complete Surgical Bypass Therapy **Yoshimitsu Soga, MD, PhD**

**CME credits are not available for this session*

3:20 – 4:10 PM

LINC @ VIVA

Moderators: Gary Ansel, MD; Dierk Scheinert, MD

Panel: Iris Baumgartner, MD; Theodosios Bisdas, MD, PhD; Marianne Brodmann, MD; Martin Werner, MD

- A Comparison of DCB Versus Conventional and Woven Nitinol Stents for Complex SFA Disease **Dierk Scheinert, MD**
- DCB Versus DES in the SFA: What Are the Pros and Cons? **Iris Baumgartner, MD**
- Stenting for a Suboptimal DCB Result: Complete Coverage, Spot Stent, or Tack It? **Marianne Brodmann, MD**
- Atherectomy With or Without DCB: Is There a Role? **Martin Werner, MD**



4:20 – 5:10 PM

DRUG-COATED BALLOONS - REAL WORLD STRATEGIES

Moderator: D. Christopher Metzger, MD

Panel: Iris Baumgartner, MD; Miguel Montero-Baker, MD; Dierk Scheinert, MD

- All Drug-Coated Balloons Are Not Created Equal **William A. Gray, MD**
- Technique Matters with DCB! **D. Christopher Metzger, MD**
- DCB for Long Segment Disease and ISR: Update from the Leipzig Experience **Dierk Scheinert, MD**
- DCB for Calcified Lesions: What's the Latest? **Francesco Liistro, MD**

AGENDA

Monday, November 2 – Wednesday, November 4

Continuing education credits are not available for this session.



Enter "Strategies on the Frontline" where it's a non-stop flow of cases, and nothing but cases! This course provides an intense experience full of complication management and complex case management with attendee interaction. The audience is encouraged to engage the faculty moderators to find solutions to challenges encountered in the interventional suites. Whether you choose to enlist in the whole tour or join for instruction focused on a particular vascular territory, your expert drill leaders are determined to expand the boundaries of your current understanding and direct you to safe and successful outcomes in the most challenging case predicaments.

MONDAY: 11.02.15

11:05 am - 4:10 pm

Complex Aortoiliac Interventions: Unique Challenges

Lieutenant: Sean Lyden, MD

Platoon: Alik Farber, MD;

Alan Matsumoto, MD; D. Christopher Metzger, MD;

Miguel Montero-Baker, MD

Clot/Clot/Clot: The Most Thrombotic Mess of 2015

Lieutenant: Kenneth Rosenfield, MD

Platoon: Anthony Comerota, MD; Bruce Gray, DO;

Raghu Kolluri, MD; Manish Mehta, MD

Complex EVAR: Achieving Success and Avoiding Landmines

Lieutenant: Sean Lyden, MD

Platoon: Patrick J. Geraghty, MD; James Joye, DO;

Jason T. Lee, MD; Joseph Lombardi, MD;

Robert Lookstein, MD

Tibial Occlusions: Access Techniques and Unusual Approaches

Lieutenant: Tony Das, MD

Platoon: Osamu Iida, MD; Marco Manzi, MD;

Jihad Mustapha, MD; Dierk Scheinert, MD

TUESDAY: 11.03.15

11:15 am - 4:40 pm

Occluded SFA Stents: Novel Techniques of Managing Fractures/Restenosis/Failures

Lieutenant: D. Christopher Metzger, MD

Platoon: William A. Gray, MD; John Laird Jr., MD;

Johannes Lammer, MD; Kenneth Rosenfield, MD;

Dierk Scheinert, MD

Mesenteric Aneurysms - What Needs to Be Treated and How to Do It: A Step-by-Step Approach

Lieutenant: John Kaufman, MD

Platoon: Christopher Kwolek, MD;

Joseph Lombardi, MD; Sean Lyden, MD;

Mahmood Razavi, MD

Managing Vascular Complications of Radial Interventions: Acute Radial Occlusion/Dissections/Disasters. What to Do and How.

Lieutenant: James Joye, DO

Platoon: Tony Das, MD; Douglas Drachman, MD;

Arthur C. Lee, MD; Darren Schneider, MD;

Timothy M. Sullivan, MD

WEDNESDAY: 11.04.15

1:20 - 4:05 pm

My Most Unusual Cases: What the Heck is This? How Do I Approach It?

Lieutenant: Peter A. Schneider, MD

Platoon: Joshua A. Beckman, MD;

D. Christopher Metzger, MD; Kenneth Rosenfield, MD;

Yoshimitsu Soga, MD, PhD

Cerebrovascular Challenges: Decision Analysis in Complex Neurologic Disease

Lieutenant: John Laird Jr., MD

Platoon: Nick Hopkins, MD;

Alexander A. Khalessi, MD; Mahmood Razavi, MD



COMPLEX CASE WORKSHOP

Monday, November 2 – Wednesday, November 4

Taped cases presented in an intimate, arena style setting! Interact with case operators and faculty in a collegial environment where each procedure is discussed and dissected. This session is designed to engage the case operators with the audience and panel, who will break down each case via a step-by-step analysis. This is not a “show-and-tell,” but a “stop-and-learn” experience addressing complex interventions with active audience participation.

Monday, November 2

10:15 - 11:00 am

Carotid Intervention Cases

Moderator: D. Christopher Metzger, MD

Panel: Lawrence A. Garcia, MD; Patrick J. Geraghty, MD; Mehdi Shishehbor, DO, PhD

4:30 - 5:25 pm

CLI Cases from Complex Cardiovascular Therapeutics, Japan

Moderators: Osamu Iida, MD; John Laird Jr., MD

Panel: James Benenati, MD; Arthur C. Lee, MD; Matthew Menard, MD

Tuesday, November 3

2:25 - 3:20 pm

Lower Extremity Cases from LINC

Moderators: D. Christopher Metzger, MD; Dierk Scheinert, MD

Panel: Theodosios Bisdas, MD, PhD; William A. Gray, MD; Matthew Menard, MD

4:50 - 5:30 pm

Lower Extremity Cases from LINC

Moderators: Gary Ansel, MD; Dierk Scheinert, MD

Panel: James Benenati, MD; Theodosios Bisdas, MD, PhD; Marianne Brodmann, MD

Wednesday, November 4

2:15 - 3:00 pm

Aortic Intervention Cases

Moderator: Manish Mehta, MD

Panel: Robert Bersin, MD; Barry T. Katzen, MD; Gustavo Oderich, MD

4:15 - 5:30 pm

Complex Venous Intervention Cases

Moderator: John H. Rundback, MD

Panel: Marianne Brodmann, MD; Mark J. Garcia, MD; Mahmood Razavi, MD

U.S. AND INTERNATIONAL LIVE CASE SITES

Leading experts from around the world will be sharing the latest techniques and methods for some of the most challenging cases. Live cases offer a true multispecialty approach to endovascular therapy and will be broadcast in real-time during General Session.

HAWAII PERMANENTE
HONOLULU, HAWAII
PETER SCHNEIDER, MD
Vascular Surgery

HOLY NAME MEDICAL CENTER
TEANECK, NEW JERSEY
JOHN RUNDACK, MD
Interventional Radiology

OHIOHEALTH/RIVERSIDE
METHODIST HOSPITAL
COLUMBUS, OHIO
GARY ANSEL, MD
Interventional Cardiology

STANFORD UNIVERSITY
MEDICAL CENTER
STANFORD, CALIFORNIA
MICHAEL DAKE, MD
Interventional Radiology

UNIVERSITY HOSPITAL LEIPZIG
LEIPZIG, GERMANY
ANDREJ SCHMIDT, MD
Angiology



TOKEIDAI MEMORIAL HOSPITAL
SAPPORO, JAPAN
KAZUSHI URASAWA, MD
Interventional Cardiology

HANDS-ON! WORKSHOP

Monday, November 2 - Wednesday, November 4
Continuing education credits are not available for these sessions.

PERCUTANEOUS THROMBECTOMY

Monday, November 2, 2015, 10:15 am - 12:00 pm

Dealing with intravascular thrombus can be challenging, frustrating, and sometimes life-saving. Often thrombus is encountered unexpectedly during a procedure and must be dealt with urgently - not a good time to try a new device or technique. This hands-on workshop will allow you to experience and compare a variety of devices and techniques, talk with expert faculty, and familiarize yourself with a range of percutaneous thrombectomy options.

Moderator: John Kaufman, MD

Participants: James Benenati, MD; Bruce Gray, DO; Christopher Kwolek, MD; Arthur C. Lee, MD; Joseph Lombardi, MD; Robert Lookstein, MD; Kenneth Rosenfield, MD

ATHERECTOMY

Tuesday, November 3, 2015, 3:30 - 5:15 pm

Atherectomy devices come in many shapes, sizes, and styles. In clinical practice it is sometimes difficult to become familiar with all of these different technologies and to know when to apply them. In this hands-on workshop, you will experience and compare a variety of atherectomy devices first-hand, quiz the experts on how and when they use them, and expand your knowledge of atherectomy procedures.

Moderator: John Kaufman, MD

Participants: George L. Adams, MD; Robert Bersin, MD; William A. Gray, MD; John Laird Jr., MD; Jihad Mustapha, MD; Mahmood Razavi, MD

ULTRASOUND-GUIDED VASCULAR ACCESS

Wednesday, November 4, 2015

Everything starts with access – and ultrasound-guided access is the key to safer and more successful outcomes in difficult cases! During this session, you will get hands-on experience with ultrasound-guided access as taught by experts. In this 90-minute session, we will provide the latest data and rationale for ultrasound-guided access, and hands-on practice using a standard access phantom.

SESSION 1: 1:30 - 3:25 pm

Moderator: John Kaufman, MD

Participants: Lawrence A. Garcia, MD; Mark J. Garcia, MD; Christopher Kwolek, MD; Jihad Mustapha, MD; John H. Rundback, MD

SESSION 2: 3:35 - 5:30 pm

Moderator: John Kaufman, MD

Participants: Lawrence A. Garcia, MD; Mark J. Garcia, MD; Jihad Mustapha, MD; Peter A. Schneider, MD

Due to limited seating, attendance is first-come, first-served.

VIVA FACE-OFF

VIVA 15 offers an opportunity for **U.S. fellows** and **international physicians** to present original research or interesting cases with a focus on complex procedures, complication management, advanced and novel techniques, and new technology. Presenters will face-off with VIVA faculty for seven minutes followed by three minutes of Q&A. VIVA faculty will judge each presentation on clarity, interest, value, originality, and depth/scope. The top five winners will enter the "VIVA Face-Off Winner's Circle" and present in the General Session on Thursday.

This competition will be held in the open, high-traffic area just outside the main entrance to General Session.

AGENDA

MON: November 2

4:20 – 5:30 pm

TUES: November 3

11:05 am – 12:00 pm

2:40 – 3:20 pm

4:50 – 5:30 pm

WED: November 4

9:10 – 10:05 am

2:15 – 2:55 pm

4:20 – 5:30 pm

FELLOWS

SCHOLARSHIP OPPORTUNITY

Fellows are invited to attend VIVA 15 and receive **FREE** tuition by submitting a presentation for the Face-Off. There are also a limited number of travel and housing scholarships available for participating fellows. Scholarships cover round-trip economy airfare and up to five nights' hotel room/tax.

FULL participation is MANDATORY for recipients of the Fellows Scholarship. This includes attending the Fellows Reception, participating in the Face-Off at your designated date and time and attendance at the Face-Off Winner's Circle in General Session on Thursday.

Your Face-Off presentation must be submitted in final form no later than August 28, 2015.

FELLOWS RECEPTION Sunday, November 1 in the Exhibit Pavilion

This "passport adventure" is guided by VIVA board members and is a unique opportunity to meet with supporters of the fellows program one-on-one.



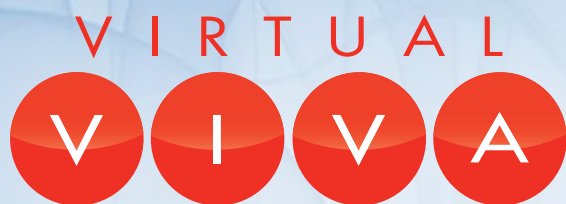
For additional information, acceptance dates, and registration guidelines, visit
www.vivaphysicians.org/face-off

ABIM MAINTENANCE OF CERTIFICATION (MOC)

Wednesday, November 4, 10:00 am – 12:00 pm and 3:30 – 5:30 pm

VIVA will be hosting two Maintenance of Certification (MOC) Learning Sessions which will feature the American Board of Internal Medicine (ABIM) *2015 Update in Cardiovascular Disease* and *2015 Update in Interventional Cardiology* knowledge modules. Those who complete the module successfully will receive 10 points for completing a 30-question module toward ABIM's Self-Assessment of Medical Knowledge requirement for Maintenance of Certification. **You must be enrolled in ABIM's Maintenance of Certification program to submit completed medical knowledge modules for scoring, feedback reports, and eligibility to receive Maintenance of Certification points.**

10:00 am -12:00 pm **2015 Update in Cardiovascular Disease** Moderator: Joshua Beckman, MD
3:30 - 5:30 pm **2015 Update in Interventional Cardiology** Moderator: John Laird Jr., MD



Features...



Watch various sessions and live cases



Interact with faculty through Q&A



Reference presentations shown during the meeting



Access the **Product/Device Library, Buyer's Guide, eBags,** and much more!

INCLUDED in Tuition!

Customize your education!

Virtual VIVA offers live and on-demand streaming directly to your device.

Live sessions will be available November 1 – 5, 2015, and on demand directly following the session.

Attend VIVA 15 Online

International physicians and active duty military physicians are able to attend VIVA 15 online through Virtual VIVA from their current base or location.

VIVA is proud to support our active military physicians by offering free online tuition.

CME credits are not available for physicians attending the meeting online.

**For more information, please visit
www.vivaphysicians.org/virtualVIVA**

THE VEINS AT VIVA



SATURDAY, OCTOBER 31 – SUNDAY, NOVEMBER 1, 2015

VIVA Physicians is excited to welcome The VEINS (Venous Endovascular INterventional Strategies) course to VIVA 15. Beginning this year, Dr. Kolluri joins the VIVA team to produce The VEINS course at VIVA, complete with a multispecialty faculty, hands-on workshops, and intimate breakout discussions.

This two-day interactive course, focused on acute and chronic venous diseases, will offer a comprehensive analysis of the critical issues facing vascular specialists today. With pulmonary embolism representing the highest death rate of hospitalized patients and DVT episodes outnumbering heart attacks or strokes in the U.S. annually, it is now more important than ever to be at the forefront of new, state-of-the-art technologies. Continuing the VIVA philosophy, The VEINS includes extended hands-on training with live patients and ample time for discussion allowing vascular specialists to better manage challenging patients.

FACULTY

Course Directors

Raghu Kolluri, MD
Vascular Medicine

Michael R. Jaff, DO
Vascular Medicine

Faculty

John R. Bartholomew, MD
Vascular Medicine

Riyaz Bashir, MD
Interventional Cardiology

Teresa L. Carman, MD
Vascular Medicine

Jeff Carr, MD
Interventional Cardiology

Daniel Clair, MD
Vascular Surgery

Anthony Comerota, MD
Vascular Surgery

Steven Dean, DO
Vascular Medicine

Steve Elias, MD
Vascular Surgery

Brian Fowler, BS, RVT, FASE
Vascular Technical Director

James Froehlich, MD
Vascular Medicine

Mark J. Garcia, MD
Interventional Radiology

Bruce Gray, DO
Vascular Medicine

Lowell S. Kabnick, MD
Vascular Surgery

John Kaufman, MD
Interventional Radiology

Sanjoy Kundu, MD
Interventional Radiology

Sean Lyden, MD
Vascular Surgery

Robert McLafferty, MD
Vascular Surgery

Constantino Peña, MD
Interventional Radiology

Suman Rathbun, MD
Vascular Medicine

Mahmood Razavi, MD
Interventional Radiology

John H. Rundback, MD
Interventional Radiology

Robert Schainfeld, DO
Vascular Medicine

Mitchell Silver, DO
Interventional Cardiology

Akhilesh Sista, MD
Interventional Radiology

Ido Weinberg, MD
Vascular Medicine

CME ACCREDITATION & DESIGNATION

This program has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for CME (ACCME) through joint sponsorship with the University at Buffalo School of Medicine and Biomedical Sciences and VIVA Physicians. The University at Buffalo is accredited by the ACCME to sponsor CME for physicians. The UB School of Medicine & Biomedical Sciences designates this live activity for a maximum of **14.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Distribution of credits is as follows:

Saturday (7:55 am – 5:30 pm):	7.25 credits
Sunday (8:00 am – 5:15 pm):	7.0 credits

Join Us for

THE VEINS RECEPTION
SATURDAY, OCTOBER 31, 2015
5:30 – 7:30 PM

**For a complete agenda and to register,
please visit www.vivaphysicians.org/theveins**

AWARDS

A TEACHER, LEADER, AND SCHOLAR ATLAS AWARD

The ATLAS award has celebrated the career and impact of physicians who have distinguished themselves as scholars and leaders in their respective vascular fields. They have committed their careers to advancing care of patients with vascular disorders, and have taught countless numbers of physicians techniques to expand care across the United States and the world.



ATLAS AWARD PRESENTATION – GARY S. ROUBIN, MD, PhD **Tuesday, November 3, 2015 – 3:15 pm, General Session**

Gary S. Roubin, MD, PhD began his work at the University of Alabama and continued with his leadership at Lenox Hill Hospital in New York City where he developed and advanced carotid artery stent deployment with embolic protection as not only a viable option for patients, but as an equivalent therapy for those with extracranial carotid artery disease.

Dr. Roubin received his medical training in Australia and received his PhD degree in cardiovascular physiology at Sydney University. Due to his early success and impact, he was awarded a two-year grant by the National Heart Foundation of Australia to work with Andreas Gruentzig, MD at Emory University. It was there that he placed the first balloon expandable coronary artery stent. He has published more than 260 papers, three textbooks, and has recently published his perspective on the journey surrounding development of the first balloon expandable coronary artery stent. Dr. Roubin has trained hundreds of interventionists on techniques for endovascular therapy for vascular disease, and has been on the executive committee for both CREST and CREST 2.



A LEADER IN ENDOVASCULAR EDUCATION LIVE AWARD

The LIVE award has recognized those vascular specialists who have dedicated their professional careers to educating students, post-graduate trainees, and peers in all aspects of vascular medicine and intervention.

LIVE AWARD PRESENTATION – TIMOTHY SULLIVAN, MD **Wednesday, November 4, 2015 – 2:50 pm, General Session**

This year's recipient, Timothy Sullivan, MD, is an internationally renowned vascular surgeon who is recognized for his contributions to both surgical and endovascular treatments for patients with aortic, cerebrovascular, and peripheral vascular diseases. He is currently the Chairman of Vascular and Endovascular Surgery at the Minneapolis Heart Institute and Abbott Northwestern Hospital in Minneapolis. In addition, he is the Director of the Vascular Center and Vascular Service Line at Abbott Northwestern, Editor-in-Chief of Annals of Vascular Surgery, and Clinical Professor of Surgery at the University of Minnesota.

An active Fellow in numerous professional societies, Dr. Sullivan has a broad range of both clinical and basic science research interests. He has published extensively on topics as varied as physician-industry relationships, endovascular management of aortic aneurysms, open surgical approaches to peripheral bypass graft surgery, animal models of aortic dissection, and scope of carotid artery disease management. A native of Ohio where he received his undergraduate and medical school education, as well as his post-graduate residency and fellowship training, Dr. Sullivan was formerly Professor of Surgery at the Mayo Clinic College of Medicine in Rochester, Minnesota.

A former President and founding member of VIVA Physicians, he has demonstrated a sustained commitment to teaching and to the education of physicians and trainees through his leadership roles in numerous organizational, societal, and community educational initiatives. He has trained numerous physicians across all specialties and serves as a global role model who consistently highlights the value of multidisciplinary vascular education and clinical practice.

VIVA And LINC Are Proud To Present The: VASCULAR CAREER ADVANCEMENT AWARD

VIVA and LINC have collaborated to develop the Vascular Career Advancement Award to recognize young physicians who show promise as potential leaders in the vascular field. This year's winners have been selected for their dedication to a philosophy of multidisciplinary vascular care and improving the care and outcomes of patients with vascular disease.

THEODOSIOS BISDAS, MD, PhD

Theodosios Bisdas, MD, PhD is a vascular surgeon who studied medicine at Aristotle University, Thessaloniki, Greece, and Goethe University, Frankfurt/Main, Germany. In December 2014, he became an Associate Professor of Vascular Surgery and shortly following became a staff member at the Department of Vascular Surgery in St. Franziskus Hospital Muenster.



Dr. Bisdas has participated in several clinical trials and has authored nearly 50 scientific papers in peer-reviewed medical journals. He is the principal investigator of the CRITISCH registry, a prospective multicentre interdisciplinary registry of first-line treatment strategies in patients with critical limb ischemia in Germany.

Dr. Bisdas has served as faculty at international congresses and as Secretary General during the Annual Meeting of the German Society of Vascular Surgery. He is a reviewer for numerous medical journals and member of the Editorial Board of the Journal of Endovascular Therapy.

RAGHU KOLLURI, MD

After graduating from Armed Forces Medical College, India, Raghu Kolluri, MD established a non-invasive vascular medicine practice at HSHS system/ Prairie Cardiovascular Consultants, IL. He also developed and served as the Director of SynvaCor, the core wound lab for several multinational trials in critical limb ischemia before relocating to Columbus, Ohio.

Today, Dr. Kolluri is the System Medical Director of Vascular Medicine at the Riverside Methodist Hospital/ OhioHealth System, where he is responsible for the non-invasive vascular service line across 10 hospitals. He is also the Medical Director of 12 vascular labs across the OhioHealth System, serves the Society of Vascular Medicine as its Treasurer, is the Associate Director of TCT conference, and was the Topic Coordinator for Vascular, Prevention and Hypertension sessions at the annual scientific sessions for the American College of Cardiology from 2008 – 2011. In 2011, he co-founded The VEINS meeting and in 2015, he developed the Society for Vascular Medicine Fellows review course. He serves as reviewer for several cardiovascular journals, is on the editorial board for Vascular Medicine journal and has published several peer reviewed articles and book chapters in the field of Vascular Medicine.





CRC

COMPREHENSIVE REVIEW COURSE

The Comprehensive Review Course
on Vascular and
Endovascular Medicine

OCTOBER 31 - NOVEMBER 1
WYNN LAS VEGAS

Presented by: **VIVA**  Society for
Vascular Medicine

For the sixth year, VIVA is collaborating with the Society for Vascular Medicine (SVM) to offer the Comprehensive Review Course (CRC) on Vascular and Endovascular Medicine. This two-day course is valuable to those who want a detailed, problem-based, intensive review course including both vascular and endovascular components. This course is also designed to prepare physicians planning for the American Board of Vascular Medicine (ABVM) board certification examinations. Take advantage of the opportunity to learn from world-renowned faculty and utilize groundbreaking educational tools to enhance your experience.

For a complete agenda and to register, please visit www.vivaphysicians.org/CRC

ENHANCE YOUR EXPERIENCE

Virtual VIVA

Experience the future and customize your education! Interact with faculty, take and download personal electronic notes, access online sample tests, and access other numerous educational tools and resources from your laptop, tablet or smartphone. All presentations are synced and available for online viewing at your convenience, with the ability to play, pause, and repeat as needed. Within hours of each talk, you will be able to revisit presentations or view those you missed, just as if you were in the audience.

Sample Exams

Two comprehensive sample exams and review answers will be available on Sunday morning, addressing topics for both the general vascular and endovascular testing areas.

ABOUT ABVM AND THE EXAMINATION

Dates for the 2015 ABVM General and Endovascular exams are December 1-19. The deadline to apply is October 16, 5:00 pm (EDT). Please visit www.vascularboard.org for details.

VASCULAR & ENDOVASCULAR REVIEW BOOKS

Purchase a copy at www.vivaphysicians.org/studyguide

CME ACCREDITATION & DESIGNATION

This program has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for CME (ACCME) through joint sponsorship with the University at Buffalo School of Medicine and Biomedical Sciences and VIVA Physicians.

The University at Buffalo is accredited by the ACCME to sponsor CME for physicians. The UB School of Medicine & Biomedical Sciences designates this live activity for a maximum of **14.5 AMA PRA Category 1 Credit(s)TM**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Distribution of credits is as follows:

Saturday: 8:00 am – 5:30 pm / 7.5

Sunday: 8:00 am – 5:00 pm / 7.0

Space is limited, please register early!



FACULTY

Course Directors

Joshua Beckman, MD
Vascular Medicine

Michael Dake, MD
Interventional Radiology

Steven Dean, DO
Vascular Medicine

Michael R. Jaff, DO
Vascular Medicine

John R. Bartholomew, MD
Vascular Medicine

Mark C. Bates, MD
Interventional Cardiology

Mark Burket, MD
Interventional Cardiology

Douglas Drachman, MD
Interventional Cardiology

James Froehlich, MD
Vascular Medicine

Mark J. Garcia, MD
Interventional Radiology

Bruce Gray, DO
Vascular Medicine

Scott Kinlay, MBBS, PhD
Interventional Cardiology

John Laird Jr., MD
Interventional Cardiology

Geno Merli, MD
Vascular Medicine

D. Christopher Metzger, MD
Interventional Cardiology

Constantino Peña, MD
Interventional Radiology

Gregory Piazza, MD
Vascular Medicine

Suman Rathbun, MD
Vascular Medicine

John H. Rundback, MD
Interventional Radiology

Robert Schainfeld, DO
Vascular Medicine

Timothy M. Sullivan, MD
Vascular Surgery

Ido Weinberg, MD
Vascular Medicine

The following commercial supporters have provided educational grants for VIVA programs. The commercial support from our industry colleagues, who are dedicated to educating health care professionals and enhancing patient outcomes, helps to make VIVA possible.

VIVA 15

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A current list of supporters and exhibitors is available at www.vivaphysicians.org/supporterexhibitorlist

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THE VEINS

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HOTEL & GENERAL INFORMATION

WYNN LAS VEGAS

3131 LAS VEGAS BOULEVARD SOUTH
LAS VEGAS, NEVADA 89109



RESERVATIONS

A block of rooms has been reserved at Wynn Las Vegas for guests attending VIVA 15.

After completing registration, a link will be included in your confirmation email where you will be able to book a room. You may reserve a room between Friday, October 30 through Wednesday, November 4 at a discounted rate of **\$209 per night** plus tax.

There is an additional block of rooms reserved for Saturday, October 31st at the rate of **\$229/night** if the \$209/night rate is sold out. A charge of \$50 per night will be added for each guest over double occupancy.

Reservations will be accepted until the cut-off date of **September 30, 2015**, or until the block fills, whichever comes first. We highly suggest registering and making hotel reservations as soon as possible as the room block fills up quickly. After the room block fills and no later than September 30th, reservations and/or changes will be subject to availability.

Room reservations are available on a first-come, first-served basis and may sell out before September 30, 2015. A **non-refundable deposit** of the first night's room and tax will be required to confirm all reservations. For the most current information, please visit www.vivaphysicians.org/accommodations

REGISTRATION HOURS

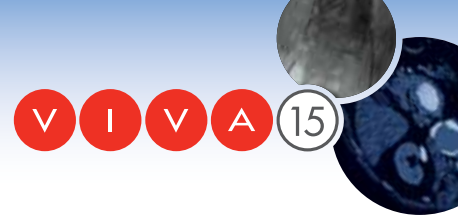
On-Site Registration and Check-In hours
(at Registration Desk 2):

Friday, October 30 3:00 pm - 5:00 pm
Saturday, October 31 7:00 am - 5:30 pm
Sunday, November 1 6:45 am - 5:30 pm
Monday, November 2 6:00 am - 5:30 pm
Tuesday, November 3 7:30 am - 5:30 pm
Wednesday, November 4 7:30 am - 5:30 pm
Thursday, November 5 7:30 am - 12:00 pm

EXHIBIT PAVILION HOURS

Monday, November 2 7:00 am – 4:30 pm
Tuesday, November 3 9:15 am – 4:00 pm
Wednesday, November 4 10:00 am – 5:15 pm

REGISTRATION



SPECIAL RATES FOR EARLY REGISTRATION

Please register by July 30, 2015 to secure early tuition prices! Tuition fees include all course materials, attendance to all sessions and access to Virtual VIVA. *Payment in full is required to confirm your registration.*

VIVA REGISTRATION

\$1,295 Physician

Early: \$1,295 (through July 30)
Prime: \$1,395 (through October 7)
Standard: \$1,495 (beginning October 8)

FREE Fellows Participating in the Face-Off Competition*

Must submit Face-Off presentation no later than August 28 to receive FREE tuition to VIVA 15. To apply for a scholarship covering hotel and travel costs, the Face-Off presentation must be submitted no later than August 28.

**Fellows verification letter required*

\$1,295 Fellows Not Participating in the Face-Off Competition

See physician pricing after July 30



REGISTER ONLINE TODAY!
WWW.VIVAPHYSICIANS.ORG

\$895 Active Duty Military Physician*

Prime: \$895 (through October 7)
Standard: \$1,045 (beginning October 8)
Virtual VIVA: FREE

**Must provide verification of active duty status*

\$695 International Physicians

**With Face-Off: \$695*

Without Face-Off: *See physician pricing*
Virtual VIVA: \$395

**In order to participate in the Face-Off Competition at the discounted rate, your Face-Off presentation must be submitted in final form no later than August 28. If your presentation is not received by August 28, your registration will be cancelled, minus a 15% administrative fee. You may then register to attend at our current physician rate and will no longer be eligible to participate in the Face-Off.*

\$595 Nurses / Techs / Healthcare Professionals* (Includes Nurses + Techs Symposium and VIVA 15 Conference)

Prime: \$595 (through October 7)
Standard: \$745 (beginning October 8)

**Must upload a copy of current work identification*

\$995 Industry Professional (non exhibitor)

Prime: \$995 (through October 7)
Standard: \$1,145 (beginning October 8)

REFUNDS/CANCELLATION POLICY

Cancellations received by September 25, 2015 will be accepted less a 15% administrative fee. No refunds will be given after that date, however, substitutions are welcome. Refunds or credits will not be given for failure to attend, late arrival, unattended events, or early departure.

VIVA Physicians is not responsible for airfare, housing, or other costs incurred by participants in the event of program or registration cancellation. Fax your cancellation notification to VIVA Cancellation at 408-225-3240, mail your cancellation notification to VIVA Cancellation at 5671 Santa Teresa Blvd, Suite 104, San Jose, CA 95123, or cancel your registration in your registration account by September 25, 2015 in order to receive a partial refund.

Please note, in the event that VIVA 15 is abbreviated or canceled because of circumstances beyond the control of VIVA Physicians, including, but not limited to, civil disturbance, earthquake, electrical outage, explosion, fire, freight embargo, strike or labor unrest, flood, hurricane, tornado, or other acts of God, an act of war, terrorism, or the act of any government (de facto or de jure), or any government agency or official, VIVA Physicians reserves the right, at its sole discretion, to unilaterally terminate the symposium. In these circumstances, the registrant expressly agrees to waive any claim that he, she, or it may have against VIVA Physicians for damages or compensation, including, but not limited to, fees for registration, housing, airfare, and/or incidental charges.

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