



**THE
VEINS**

The Venous Endovascular INterventional Strategies
A T V I V A



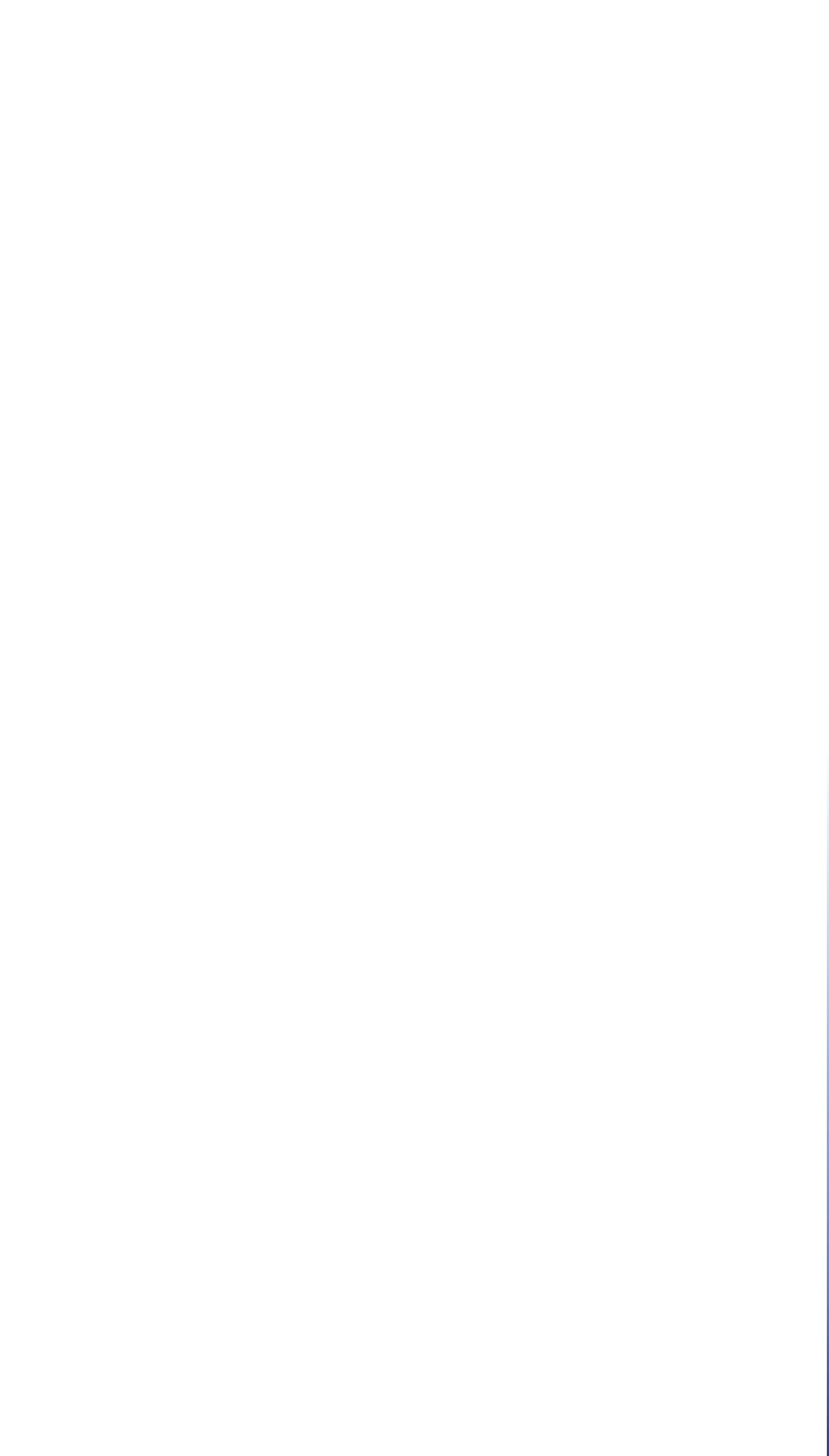
SEPTEMBER 10-11, 2017
WYNN LAS VEGAS

Attend the
**7TH ANNUAL
VEINS CONFERENCE**



Presented by





ABOUT THE VEINS

VIVA welcomed **THE VEINS** (Venous Endovascular INterventional Strategies) course to VIVA 15 and is excited to bring it back for a third year in Las Vegas! The VEINS at VIVA returns with this multispecialty, comprehensive symposium providing an in-depth look into the hottest field in vascular medicine. From diagnosis and management strategies for superficial venous disease, to the challenges of intervention for deep venous thrombosis and pulmonary emboli, The VEINS will provide new information to help you care for these complex patients.

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. This one-and-a-half day interactive course held at Wynn Las Vegas will be focused on acute and chronic venous diseases, and offer a comprehensive analysis of the critical issues facing vascular specialists today.

The VEINS at VIVA again brings state-of-the-art content including basic venous topics to contemporary science, controversies and expert analyses along with hands-on training with live patients. There will be ample time for discussion with the world-class faculty throughout the meeting. The knowledge gained at The VEINS will allow attendees to better manage their patients with complex venous disease.

Attendees to The VEINS are also welcome to attend the half-day Aortic Armageddon and CLI sessions on Monday.

We hope to see you in September!



Raghu Kolluri, MD
Course Director



John A. Kaufman, MD
Course Director



TARGET AUDIENCE

This meeting is targeted for interventional cardiologists, vascular medicine specialists, interventional radiologists, vascular surgeons, internists, fellows and RT's/NP's/PA's/RN's interested in exploring cutting-edge and future strategies for venous treatment as well as those who are interested in a complete understanding of venous disease.

LEARNING OBJECTIVES

Upon completion of The VEINS course, the targeted learners should be able to:

- Understand the medical, endovascular and surgical therapies for chronic venous disease
- Appreciate the role of non-invasive technologies including physiologic testing, duplex ultrasonography, and CT and MR venography and invasive diagnostics such as intra vascular ultrasound, in the management of venous disease
- Appreciate the available therapeutic options and understand contemporary data in the management of superficial and deep vein disease
- Analyze the guidelines and available data and complications arising from the placement of IVC filter.

Distribution of CME credits is as follows:

Sunday, September 10

(7:45 am - 5:15 pm)

7.5 credits

Monday, September 11

(7:45 am - 12:00 pm)

3.75 credits

CME ACCREDITATION

This program has been planned and implemented in accordance with the requirement and policies of the Accreditation Council for CME (ACCME) through joint providership of the University at Buffalo Jacobs School of Medicine and Biomedical Sciences and VIVA Physicians. The University Jacobs School of Medicine and Biomedical Sciences is accredited by the ACCME to provide CME for physicians. The UB Jacobs School of Medicine & Biomedical Sciences designates this live activity for a maximum of **11.25**

AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

INVITED FACULTY

COURSE DIRECTORS

John Kaufman, MD

Interventional Radiology
Dotter Interventional Institute
Portland, Oregon

Raghu Kolluri, MD

Vascular Medicine
OhioHealth Riverside Methodist
Hospital
Columbus, Ohio

J. Fritz Angle, MD

Interventional Radiology
University of Virginia
Charlottesville, Virginia

John R. Bartholomew, MD

Vascular Medicine
Cleveland Clinic
Cleveland, Ohio

Joshua Beckman, MD

Vascular Medicine
Vanderbilt University Medical
Center
Nashville, Tennessee

Desmond Bell, DPM

*Podiatric Medicine and Wound
Care*
First Coast Cardiovascular Institute
Jacksonville, Florida

Haraldur Bjarnason, MD

Interventional Radiology
Mayo Clinic
Rochester, Minnesota

Stephen Black, MD

Vascular Surgery
St. Thomas' Hospital
London, England

Steven M. Dean, DO

Vascular Medicine
Ohio State University Wexner
Medical Center
Columbus, Ohio

Brian Fowler, RVT

*OhioHealth Heart and Vascular
Physicians*
Kenton, Ohio

James Froehlich, MD

Vascular Medicine
University of Michigan
Ann Arbor, Michigan

Kathleen Gibson, MD

Vascular Surgery
Lake Washington Vascular
Surgeons
Bellevue, Washington

Samuel Z. Goldhaber, MD

Vascular Medicine
Brigham and Women's Hospital
Boston, Massachusetts

Lowell Kabnick, MD

Vascular Surgery
NYU Langone Medical Center
New York, New York

Esther S.H. Kim, MD

Vascular Medicine
Vanderbilt University Medical
Center
Nashville, Tennessee

Kathleen Ozsvath, MD

Vascular Surgery
Albany Medical Center Hospital
Albany, New York

Gregory Piazza, MD

Vascular Medicine
Brigham and Women's Hospital
Boston, Massachusetts

Mahmood Razavi, MD

Interventional Radiology
St. Joseph Heart & Vascular
Center
Orange, California

Thom Rooke, MD

Vascular Medicine
Mayo Clinic
Rochester, Minnesota

Kenneth Rosenfield, MD

Interventional Cardiology
Massachusetts General Hospital
Boston, Massachusetts

John Rundback, MD

Interventional Radiology
Interventional Institute, Holy Name
Medical Center
Teaneck, New Jersey

Mikel Sadek, MD

Vascular Surgery
NYU Langone Medical Center
New York, New York

Robert Schainfeld, DO

Vascular Medicine
Massachusetts General Hospital
Waltham, Massachusetts

Mitchell Silver, DO

Interventional Cardiology
OhioHealth Riverside Methodist
Hospital
Columbus, Ohio

Suresh Vedantham, MD

Interventional Radiology
Mallinckrodt Institute of Radiology
St. Louis, Missouri

Ronald Winokur, MD

Interventional Radiology
Weill Cornell Medicine
New York, New York

To learn more and register for The VEINS conference,

visit us online at www.vivaphysicians.org/theveins

OVERVIEW

Thank you to the following supporters and exhibitors who help make The VEINS possible.

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<http://vivaphysicians.org/annual-conference/exhibit-support-2017/#the-veins-commercial>



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Features...



Interact with faculty through Q&A



Reference presentations shown during the meeting



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AGENDA

SUNDAY, SEPTEMBER 10, 2017

THE VEINS – BASICS

Co-Moderator: **Steven M. Dean, DO; Raghu Kolluri, MD**

- 7:45 - 7:50 AM Course Welcome and Introduction **John Kaufman, MD; Raghu Kolluri, MD**
- 7:50 - 7:58 AM Venous Hypertension Patho-Physiology **James Froehlich, MD**
- 7:58 - 8:06 AM Diagnosis of DVT and PE **Gregory Piazza, MD**
- 8:06 - 8:14 AM Varying Manifestations Of Venous Disease Based on CEAP Classification
Thom Rooke, MD
- 8:14 - 8:22 AM Differential Diagnosis of Limb Edema and Overlap Syndromes
Steven M. Dean, DO
- 8:22 - 8:30 AM APG Relevance in Venous Testing **Thom Rooke, MD**
- 8:30 - 8:38 AM Compression Therapy in Venous Disease and Post-Thrombotic Syndrome - What we Know and What we Don't **Steven M. Dean, DO**
- 8:38 - 8:46 AM Axial Imaging Pearls - When to Order What? **Mahmood Razavi, MD**
- 8:46 - 8:54 AM IVUS in Venous Intervention **Stephen Black, MD**
- 8:54 - 9:02 AM Imaging for Upper Extremity DVT and Device-Related Central Venous Occlusions **Haraldur Bjarnason, MD**
- 9:02 - 9:10 AM Venous Duplex to Assess for Ilio-Caval Obstruction **Raghu Kolluri, MD**
- 9:10 - 9:18 AM Venous Reflux Testing and Pitfalls **Brian Fowler, RVT**
- 9:18 - 9:26 AM Upper Extremity DVT, Clinical Presentation and Management
Robert Schainfeld, DO
- 9:26 - 9:35 AM Panel Discussion: **Haraldur Bjarnason, MD; Steven M. Dean, DO; Thom Rooke, MD**

REFRESHMENT BREAK & EXHIBITS

MEDICAL MANAGEMENT OF VENOUS DISEASE 1

Moderator: **Joshua Beckman, MD**

- 10:00 - 10:08 AM Medical Management of Proximal DVT and Stable PE **Thom Rooke, MD**
- 10:08 - 10:16 AM All you Need to Know About DOAC's in the Management of Venous Thrombosis **Joshua Beckman, MD**
- 10:16 - 10:24 AM Reversal and Monitoring of DOAC's - When and How
John R. Bartholomew, MD
- 10:24 - 10:32 AM Calf Vein DVT - The Treatment Controversy **Gregory Piazza, MD**
- 10:32 - 10:40 AM Venous Thrombosis in Uncommon Sites **Esther S.H. Kim, MD**
- 10:40 - 10:48 AM Superficial Venous Thrombosis Management - Do You Ever Need Anticoagulants? **James Froehlich, MD**
- 10:48 - 10:56 AM Panel Discussion: **John R. Bartholomew, MD; Samuel Z. Goldhaber, MD; Gregory Piazza, MD; Thom Rooke, MD**

MEDICAL MANAGEMENT OF VENOUS DISEASE 2

Moderator: **Raghu Kolluri, MD**

- 10:56 - 11:04 AM Venous Thrombosis Management and Interventions in Pregnancy
Mitchell Silver, DO
- 11:04 - 11:12 AM Duration of Anticoagulation - Practical Tips to Assess Recurrence
Thom Rooke, MD
- 11:12 - 11:20 AM Hypercoagulable Testing and Relevance **Gregory Piazza, MD**
- 11:20 - 11:28 AM Anticoagulation and Antiplatelet Therapy in Venous Stent Trials and my Recommendations **Suresh Vedantham, MD**
- 11:28 - 11:36 AM Lymphedema vs. Lipedema and Management Update **Steven M. Dean, DO**

11:36 - 11:44 AM	Graduated Compression, Layered Compression Wraps for Severe Venous Disease Desmond Bell, DPM
11:44 - 11:52 AM	Playing Safe with IVC Filters - When to Place, When to Remove and When to Leave it in John Kaufman, MD
11:52 AM - 12:00 PM	Panel Discussion: Desmond Bell, DPM; Steven M. Dean, DO; Thom Rooke, MD; Suresh Vedanatham, MD
12:00 - 1:15 PM	LUNCH & EXHIBITS / SATELLITE SYMPOSIA
1:15 - 2:05 PM	LIVE PATIENT SCAN Moderator: Lowell Kabnick, MD Live Patient Scan and Duplex Imaging to Treat Venous Disease 1 Panel: Brian Fowler, RVT; Raghu Kolluri, MD; Kathleen Ozsvath, MD; Ronald Winokur, MD
	DUPLEX IMAGING TO TREAT VENOUS DISEASE 2 Moderator: Haraldur Bjarnason, MD
2:05 - 2:13 PM	How I Treated Atypical/Complex Superficial Venous Anatomy - Taped Case 1 Haraldur Bjarnason, MD
2:13 - 2:21 PM	How I Treated Atypical/Complex Superficial Venous Anatomy - Taped Case 2 TBD
2:21 - 2:29 PM	Right Heart Failure and Sleep Apnea in Venous Disease Raghu Kolluri, MD
2:29 - 2:37 PM	Superior Vena Cava Syndrome - Clinical Presentation and Management John Rundback, MD
2:37 - 2:45 PM	Panel Discussion: Haraldur Bjarnason, MD; Raghu Kolluri, MD; TBD; Mahmood Razavi, MD
2:45 - 3:05 PM	REFRESHMENT BREAK & EXHIBITS
	SUPERFICIAL VENOUS DISEASE Moderator: TBD
3:05 - 3:13 PM	Year in Review - Superficial Venous Interventions Lowell Kabnick, MD
3:13 - 3:21 PM	Clinical Severity Scores in Chronic Venous Disease - Importance Stephen Black, MD
3:21 - 3:29 PM	Debate - Thermal Ablation Will be Obsolete in a Couple of Years J. Fritz Angle, MD
3:29 - 3:37 PM	Debate - Thermal Ablation Will not be Obsolete Ronald Winokur, MD
3:37 - 3:45 PM	How to Curb Inappropriate Superficial Venous Interventions? TBD
3:45 - 3:53 PM	Cyanoacrylate Treatment - Procedure Steps and Taped Case Kathleen J. Ozsvath, MD
3:53 - 4:01 PM	Mechanico-Chemical Ablation - Procedure Steps and Taped Case Mikel Sadek, MD
4:01 - 4:09 PM	Microfoam Treatment - Procedure Steps and Taped Case Kathleen Gibson, MD
4:09 - 4:20 PM	Panel Discussion: Kathleen Gibson, MD; Lowell Kabnick, MD; Kathleen Ozsvath, MD; Mikel Sadek, MD
4:20 - 4:28 PM	Phlebectomy - Steps and Taped Case Stephen Black, MD
4:28 - 4:36 PM	Liquid Sclerotherapy - Contemporary Sclerosants. When to use What, Tips and Pearls to Avoid Complications Kathleen Ozsvath, MD
4:36 - 4:44 PM	Foam Sclerotherapy - When and Why? Kathleen Ozsvath, MD
4:44 - 4:52 PM	Perforator Vein Treatment - Any Thing New? Lowell Kabnick, MD
4:52 - 5:00 PM	Vulvar Varices Kathleen Gibson, MD
5:00 - 5:08 PM	Recurrent Varicose Veins - Patterns and Management Ronald Winokur, MD
5:08 - 5:15 PM	Panel Discussion: Kathleen Gibson, MD; Lowell Kabnick, MD; Kathleen Ozsvath, MD; Mikel Sadek, MD

AGENDA

MONDAY, SEPTEMBER 11, 2017

7:45 - 7:50 AM	Welcome and Introduction Raghu Kolluri, MD
7:50 - 8:38 AM	LIVE PATIENT SCAN Moderator: Raghu Kolluri, MD Panel: Brian Fowler, RVT; Kathleen Gibson, MD; Lowell Kabnick, MD; Mikel Sadek, MD
	DEEP VENOUS INTERVENTION 1 Moderator: Raghu Kolluri, MD
8:38 - 8:46 AM	Venous Stent Trials - an Update Stephen Black, MD
8:46 - 8:54 AM	ATTRACT Trial Results are Clear. There is no Need to Perform CDT in Most Iliofemoral DVTs Suresh Vedantham, MD
8:54 - 9:02 AM	No, CDT Must be Considered in the Vast Majority of Patients With Iliofemoral DVTs Mitchell Silver, DO
9:02 - 9:10 AM	New Technology Applications in Thrombus Management Mahmood Razavi, MD
9:10 - 9:18 AM	Pharmaco-Mechanical Thrombolysis in Acute Iliofemoral DVT - Tips and Pearls Mitchell Silver, DO
9:18 - 9:24 AM	Ultrasound Accelerated Lysis in Acute Iliofemoral DVT John Rundback, MD
9:24 - 9:35 AM	Panel Discussion: Mahmood Razavi, MD; Mitchell Silver, DO; Suresh Vedantham, MD
9:35 - 10:00 AM	REFRESHMENT BREAK & EXHIBITS
	DEEP VENOUS INTERVENTION 2 Moderator: TBD
10:00 - 10:08 AM	Thrombotic vs. Non-Thrombotic Iliac Vein Obstruction - Differences in Management TBD
10:08 - 10:16 AM	Rationale for C-TRACT Trial Suresh Vedantham, MD
10:16 - 10:24 AM	Stent Sizing in Iliac Vein Obstruction Mahmood Razavi, MD
10:24 - 10:32 AM	The Most Challenging Iliofemoral Vein Occlusion - Taped Case Haraldur Bjarnason, MD
10:32 - 10:40 AM	The Most Challenging Iliofemoral Vein Occlusion - Taped Case Stephen Black, MD
10:40 - 10:48 AM	ACCESS PTS Trial - Update John Kaufman, MD
10:48 - 10:56 AM	Panel Discussion: J. Fritz Angle, MD; Haraldur Bjarnason, MD; Stephen Black, MD; Suresh Vedantham, MD
	VENOUS POTPOURRI Moderator: J. Fritz Angle, MD
10:56 - 11:04 AM	Denovo IVC Thrombosis/ Atresia - Etiology, Management, Anatomic Considerations John Kaufman, MD
11:04 - 11:12 AM	IVC Filter Thrombosis Kenneth Rosenfield, MD
11:12 - 11:20 AM	Advanced Techniques for Retrieval of IVC Filters - Case-Based John Rundback, MD
11:20 - 11:28 AM	IVC Retrieval Program - How to Achieve Best Results John R. Bartholomew, MD
11:28 - 11:36 AM	Nutcracker Syndrome - Management Ronald Winokur, MD
11:36 - 11:44 AM	Pelvic Congestion Syndrome - Update on Management Mahmood Razavi, MD
11:44 - 11:52 AM	Venous Malformations - Management John Kaufman, MD
11:52 AM - 12:00 PM	Panel Discussion: John R. Bartholomew, MD; Mahmood Razavi, MD; Ronald Winokur, MD
12:00 - 1:15 PM	LUNCH & EXHIBITS / SATELLITE SYMPOSIA

REGISTRATION

SUNDAY, SEPTEMBER 10 - MONDAY, SEPTEMBER 11, 2017

WYNN LAS VEGAS

3131 LAS VEGAS BLVD. SOUTH
LAS VEGAS, NEVADA 89109



TUITION

Prime (until August 8th):	\$595
Standard (beginning August 9th):	\$745

ACCOMMODATIONS

A block of rooms has been reserved at Wynn Las Vegas for guests attending The VEINS. After completing registration, a link will be included in your **confirmation email** where you will be able to book a room. The current room rate is **\$229/night** + tax (currently 13%) and is available until the room block fills. 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 August 16, 2017 at 5pm PDT, **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 August 16th, 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 August 16, 2017. A non-refundable deposit of the first night's room and tax will be required to confirm all reservations. For companies providing educational grants to support VIVA 17 or The VEINS, a block of rooms may be secured at the negotiated rate of \$229/night+tax by contacting hotel@vivaphysicians.org.



REGISTER ONLINE TODAY!
WWW.VIVAPHYSICIANS.ORG/THEVEINS

REFUNDS/CANCELLATION POLICY

Cancellations through your online account by **Thursday, July 20, 2017** will be accepted less a 15% administrative fee. Refunds are not available within 48 hours of registration to allow for credit card settlement. Once registration is canceled in your online account, refunds will be settled within 7 days. **NO refunds** will be given after **Thursday, July 20, 2017**. Refunds or credits will not be given for failure to attend, late arrival, unattended events, or early departure.

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