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Jeffrey M. Carlton  
Heart & Vascular Institute

*Jeffrey M. Carlton Heart & Vascular Institute Presents*

# 13<sup>th</sup> Hoag Vascular Imaging Symposium

Saturday, October 25, 2025

The Waterfront Beach Resort  
21100 Pacific Coast Highway  
Huntington Beach, CA 92648



Register at  
[hoag.org/vis2025](https://hoag.org/vis2025)



# Symposium *Overview*

This vascular educational symposium will provide physicians and vascular technologists with up-to-date clinical knowledge on the diagnosis and treatment of vascular diseases. The program will highlight best practices in vascular disease care for vascular lab physicians and technologist. Faculty from a multidisciplinary team will explore current practices as well as provide cutting edge information such as future trends that will lead to enhanced patient care and improved diagnosis for patients with vascular disease. This course is intended for practicing vascular surgeons and vascular medicine specialists, endovascular and neurovascular physicians, cardiologists, cardiovascular specialists, primary care physicians and vascular technologists.

## Conference Venue and Accommodations

### The Waterfront Hilton Beach Resort Huntington Beach, California

The 2025 Vascular Imaging Symposium will be held at the Waterfront Hilton Beach Resort located in Huntington Beach, California. The oceanfront hotel is within a 15-minute walk of Pacific City and the Huntington Beach Pier, offering many shopping and restaurant options.

The Waterfront Hilton Beach Resort is conveniently located one hour from Los Angeles International Airport (LAX) and just minutes away from John Wayne Airport, Orange County (SNA). A room block has been secured for this meeting through October 3, 2025, after which the room block will be released. Room block rates for this event begin at \$349.00 + resort fees and taxes, per evening. Overnight guest parking is available for \$35.00 per vehicle and daily parking is \$18.00 per vehicle.



To make a room reservation, call 714-845-8000 and ask for the Hoag Vascular Imaging Symposium rate. Rooms are subject to sell out. Room block will be held until October 3, 2025, after this date, will be released into hotel general inventory. Book accommodations online at [hoag.org](http://hoag.org)/VIS2025 under Hotel tab.

### CME Designation

Hoag Memorial Hospital Presbyterian is accredited by the California Medical Association (CMA) to provide continuing medical education for physicians.



### Credit Designation

Hoag Memorial Hospital Presbyterian designate this virtual educational activity for the maximum of 7.0 *Category 1 Credit*<sup>™</sup>. Physicians should claim credit commensurate with the extent of their participation in the activity. This credit can apply to the CMA Certification of Continuing Medical Education.

### SVU

This program meets the criteria for SVU-CMEs which are accepted by the American Registry of Diagnostic Medical Sonographers<sup>®</sup> (ARDMS<sup>®</sup>), the American Registry of Radiologic Technologists (ARRT) for Category A credit, Cardiovascular Credentialing International (CCI) and the Intersocietal Accreditation Commission (IAC) for laboratory accreditation. This program is approved for a total of 7.0 credits. This product [service] is not affiliated with or endorsed by Inteleos<sup>™</sup>. ARDMS<sup>®</sup> and APCA<sup>™</sup> are part of the Inteleos<sup>™</sup> family of certification councils.

## Program Objectives

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### Dialysis

Identify types of hemodialysis access, differentiate normal and abnormal ultrasound findings, and perform quality imaging studies of fistulas and grafts.

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### Evaluation and Management of Diabetic Foot Ulcers

Describe diabetic foot ulcers, including complications and evidence-based management strategies.

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### Updates in Advanced Pedal Duplex

Identify key imaging features and waveform characteristics in advanced pedal duplex evaluations that influence clinical decision-making in limb preservation and revascularization strategies.

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### Deconstructing the Vascular Component of Thoracic Outlet Syndrome

Identify anatomical structures affected by thoracic outlet syndrome and assess physiological changes during provocative maneuvers.

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### Arterial Assessment: Leveraging B-Mode & PW Doppler to Guide Patient Pathways

Apply B-Mode and pulsed wave Doppler techniques to enhance patient care outcomes.

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### The “Little Vein” with Big Clinical Impact: Imaging the SSV

Describe small saphenous vein anatomy and analyze variants, evaluate ultrasound techniques to assess reflux and obstruction patterns, and identify strategies to improve imaging accuracy.

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### Novel Adjunctive Vascular Screening Tool for CVI: Thermal Imaging

Describe thermographic imaging applications in venous insufficiency and implement quality imaging protocols.

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### Mesenteric Vascular Disease

Describe mesenteric artery anatomy and pathology and evaluate patient outcomes following vascular reconstruction.

## Program Objectives—Case Study Session

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### Case Report

#### **A Venous Pseudoaneurysm with an Unconventional Respirophasic Spectral Doppler Waveform in the Neck of the Pseudoaneurysm**

Analyze case examples of venous pseudoaneurysm with unconventional respirophasic Doppler waveform.

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### Case Report

#### **In the Line of Fire: A Case Study of Delayed Arterial Injury After a Gunshot Wound in the Right Forearm**

Evaluate imaging techniques used in arterial pseudoaneurysm caused by gunshot injury.

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### Radiation Vasculopathy

Identify clinical signs of radiation vasculopathy and analyze diagnostic imaging roles in treatment planning.

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### Riding the Waves of Venous Hemodynamics

Explain venous hemodynamics and interpret waveform patterns to inform treatment strategies.

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### Post-thrombotic Syndrome: Understanding the Pathophysiology

Outline the progression of post-thrombotic syndrome and describe imaging's role in therapeutic planning.

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### Renovascular Disease

Describe renovascular disease complications and evaluate ultrasound's diagnostic contribution.

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### Thinking on Your Feet About the Head: Using All Your Tools for Complex Neuro Cases

Explain the functional anatomy and hemodynamic role of cerebral collateral pathways, and how their presence influences the interpretation of transcranial Doppler (TCD) findings in various cerebrovascular conditions.

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### Multi-Case Study Session

- Popliteal Entrapment Case Studies
- Extracranial Case Studies
- Abdominal Case Studies
- Thrombosis Case Studies
- Aneurysm Case Studies

Assess vascular pathologies including: popliteal entrapment, carotid, abdominal, thrombosis, and aneurysmal disease through multi-case study interpretation to enhance diagnostic accuracy and inform clinical decision-making.

## Program Directors and Moderators

**Ehab N. Mady, DO, FSVM, RPVI**  
Medical Director Vascular Services Program  
Jeffrey M. Carlton Heart & Vascular  
Institute

**Dianne Masri, BS, MA, RDMS, RVT**  
Supervisor, Technical Director  
Hoag Vascular Lab

## Guest Presenters

**Leni N. Karr, CPC, CEDC, ELI-MP, RVT, NVS**  
Leadership, Performance & Life  
Transition Coach  
Vascular Sonographer

**Julie Cardoso, RDCS, RVT, RPhS**  
Chief Executive Officer  
Universal Ultrasound Management

**Teresa Carman, MD**  
Director, Vascular Medicine  
Harrington Heart & Vascular Institute  
Assistant Professor of Medicine, Case  
Western Reserve University School of  
Medicine

**Cassey Noh, BS, RDMS, RVT**  
Vascular Technologist  
Cedars-Sinai Medical Center

**Jeannie White-Melendez, RVT, RPhS, FSVU**  
Program Director ESP Ultrasound  
President and Co-Founder of Quality  
Vascular Imaging, Inc.

## Hoag Presenters

**Kenia Basilio, RVT, BS**  
Vascular Technologist

**Sarah Baum, BS, RVT**  
Vascular Technologist

**Antonio J. Covarrubias, MD, RPVI**  
Vascular Surgeon

**Sayana Dy, RDMS, RMSKS, RVT, RDCS**  
Vascular Technologist

**Erin Enders, BS, RVT**  
Vascular Technologist

**Ella Gaddi-Nguyen, BS RVT**  
Vascular Technologist

**Allen Murga, MD, RPVI**  
Vascular Surgeon

**Thuy Nguyen, RDMS, RVT**  
Vascular Technologist

**Agustin Sibona, MD, RPVI**  
Vascular Surgeon

## Program Agenda

7:30 AM	<b>Registration, Continental Breakfast and Exhibits</b>
8 AM	<b>Welcome</b> Mr. Robert Braithwaite President and Chief Executive Officer
8:15 AM	<b>Course Objectives</b> Ehab Mady, DO, FSVM, RPVI Dianne Masri, BS, MA, RDMS, RVT
8:15 – 8:35 AM	<b>Dialysis</b> Antonio Covarrubias, MD, RPVI
8:35 – 8:55 AM	<b>Evaluation and Management of Diabetic Foot Ulcers</b> Teresa Carman, MD
8:55 – 9:15 AM	<b>Updates in Advanced Pedal Duplex</b> Leni N. Karr, CPC, CEDC, ELI-MP, RVT, NVS
9:15 – 9:35 AM	<b>Deconstructing the Vascular Component of Thoracic Outlet Syndrome</b> Jeannie White-Melendez, RVT, RPhS, FSVU
9:35 – 9:55 AM	<b>Arterial Assessment: Leveraging B-Mode &amp; PW Doppler to Guide Patient Pathways</b> Julie Cardoso, RDCS, RVT, RPhS
9:55 – 10:15 AM	<b>The “Little Vein” with Big Clinical Impact: Imaging the SSV</b> Jeannie White-Melendez, RVT, RPhS, FSVU
10:15 – 10:35 AM	<b>Break, Refreshments and Exhibits</b>
10:35 – 10:55 AM	<b>Novel Adjunctive Vascular Screening Tool for CVI: Thermal Imaging</b> Julie Cardoso, RDCS, RVT, RPhS
10:55 – 11:15 AM	<b>Mesenteric Vascular Disease</b> Allen Murga, MD, RPVI

## Case Study Session

11:15 – 11:25 AM	<b>Case Report: A Venous Pseudoaneurysm with an Unconventional Respirophasic Spectral Doppler Waveform in the Neck of the Pseudoaneurysm</b> Casey Noh, BS, RDMS, RVT
11:25 – 11:35 AM	<b>In the Line of Fire: A Case Study of Delayed Arterial Injury After a Gunshot Wound in the Right Forearm</b> Erin Enders, BS, RVT
11:35 AM – 12 PM	<b>Panel Discussion</b> Moderator, Ehab Mady, DO, FSVM, RPVI
12 – 1 PM	<b>Lunch and Exhibits</b>

1 – 1:20 PM	<b>Radiation Vasculopathy</b> Ehab Mady, DO, FSVM, RPVI
1:20 – 1:40 PM	<b>Riding the Waves of Venous Hemodynamics</b> Jeannie White-Melendez, RVT, RPhS, FSVU
1:40 – 2 PM	<b>Post-thrombotic Syndrome: Understanding the Pathophysiology</b> Teresa Carman, MD
2 – 2:20 PM	<b>Renovascular Disease</b> Agustin Sibona, MD, RPVI
2:20 – 2:40 PM	<b>Thinking on Your Feet About the Head: Using All Your Tools for Complex Neuro Cases</b> Leni N. Karr, CPC, CEDC, ELI-MP, RVT, NVS
2:40 – 3 PM	<b>Break, Refreshments and Exhibits</b>

## Multi-Case Study Session

3 – 3:20 PM	<b>A Real Pain in the Knee: Unusual Popliteal Entrapments</b> Ella Gaddi-Nguyen, BS, RVT
3:20 – 3:40 PM	<b>Not Your Typical Neck of the Woods: A Look at Extracranial Curveballs</b> Kenia Basilio, BS, RVT
3:40 – 3:55 PM	<b>The Abdomen Files: Not Your Average Belly Aches</b> Thuy Nguyen, RDMS, RVT
3:55 – 4:10 PM	<b>That's a Clot of Trouble: A Review of Unusual Suspects</b> Sayana Dy, RDMS, RMSKS, RVT, RDCS
4:10 – 4:25 PM	<b>Twists, Bulges and Blowouts: A Curious Look at Aneurysms</b> Sarah Baum, BS, RVT
4:25 – 5 PM	<b>Panel Discussion</b> Moderator, Ehab Mady, DO, FSVM, RPVI
5 PM	<b>Adjourn</b>

## Registration Information

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Saturday, October 25, 2025

The Waterfront Beach Resort  
Huntington Beach, California



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Hoag staff should use their Hoag  
credential sign-in information to register

## Registration Fees

Physicians: \$275

Non-Hoag Technologists: \$225

Non-Hoag Technologists: \$75 refundable  
credit card deposit

## Cancellations

Written cancellations will be accepted until October 17, 2025. No refunds will be given for cancellations after October 17, 2025. No refunds will be given for no-shows. 3% Administration fee will apply to all canceled registrations.

## Family/Guest Attendance Policy

All conference activities are exclusively reserved for paid conference attendees. Children and family members are not allowed to attend meal functions or permitted in the general session room.