



Jeffrey M. Carlton
Heart & Vascular Institute

Jeffrey M. Carlton Heart & Vascular Institute Presents

13th 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



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/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™*. 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® (ARDMS®), 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™. ARDMS® and APCA™ are part of the Inteleos™ family of certification councils.

Program Objectives

Dialysis	Identify types of hemodialysis access, differentiate normal and abnormal ultrasound findings, and perform quality imaging studies of fistulas and grafts.
Evaluation and Management of Diabetic Foot Ulcers	Describe diabetic foot ulcers, including complications and evidence-based management strategies.
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.
Deconstructing the Vascular Component of Thoracic Outlet Syndrome	Identify anatomical structures affected by thoracic outlet syndrome and assess physiological changes during provocative maneuvers.
Arterial Assessment: Leveraging B-Mode & PW Doppler to Guide Patient Pathways	Apply B-Mode and pulsed wave Doppler techniques to enhance patient care outcomes.
The Role of Ultrasound in Hepatobiliary Surgery	Explain portal hypertension pathophysiology and evaluate TIPS utility and related complications.
Novel Adjunctive Vascular Screening Tool for CVI: Thermal Imaging	Describe thermographic imaging applications in venous insufficiency and implement quality imaging protocols.
Mesenteric Vascular Disease	Describe mesenteric artery anatomy and pathology and evaluate patient outcomes following vascular reconstruction.

Program Objectives—Case Study Session

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.

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.

Radiation Vasculopathy

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

Riding the Waves of Venous Hemodynamics

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

Post-thrombotic Syndrome: Understanding the Pathophysiology

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

Renovascular Disease

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

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.

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

Jared Forrester, MD
Hepatobiliary & Pancreas Surgeon

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

Case Study Session

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

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

Multi-Case Study Session

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