



JEFFREY M. CARLTON HEART
& VASCULAR INSTITUTE PRESENTS

Hoag 12th Annual Vascular Imaging Symposium

Saturday, November 2, 2024

7:30 a.m. - 4:30 p.m. (breakfast and registration 7:30 a.m. - 8 a.m.)

The Waterfront Beach Resort, A Hilton Hotel
21100 Pacific Coast Highway
Huntington Beach, California 92648



Jeffrey M. Carlton
Heart & Vascular Institute



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.

Designed For

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.

Program Venue

**WATERFRONT HILTON BEACH RESORT,
HUNTINGTON BEACH, CALIFORNIA**

The 2024 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 11, 2024, after which the room block will be released. Room block rates for this event begin at \$325 + resort fees and taxes, per evening. Overnight guest parking is available for \$30 per vehicle and daily parking is \$15 per vehicle. To make a room reservation, call 714-845-8000 and ask for the Hoag Vascular Imaging Symposium rate. Rooms and rates subject to sell out.

Credit Designation

CME DESIGNATION



Accreditation: 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 6.5 credits.

This product [service] is not affiliated with or endorsed by Intelex™. ARDMS® and APCA™ are part of the Intelex™ family of certification councils.

Program Faculty

PROGRAM DIRECTORS AND MODERATORS

Ehab N. Mady, D.O., F.S.V.M., R.P.V.I.

Medical Director Vascular Services Program
Jeffrey M. Carlton Heart & Vascular Institute

Dianne Masri, B.S., M.A.,

R.D.M.S., R.V.T.
Supervisor, Technical Director
Hoag Vascular Lab

GUEST PRESENTERS

Julie Cardoso, R.D.C.S., R.V.T., R.P.h.S.

Diagnostic Sonographer
President, Universal Ultrasound Management

Joy Guthrie, Ph.D., A.C.S., R.D.M.S., R.D.C.S., R.V.T.

Advanced Practice Sonographer,
Program Director and Researcher
Community Regional Medical Center

Patricia (Tish) Poe, B.A., R.D.C.S., R.V.T., F.S.V.U.

President of the Society for Vascular Ultrasound

HOAG PRESENTERS

Kenia Basilio, R.V.T., B.S.

Vascular Technologist

Antonio J. Covarrubias, M.D.

Vascular Surgeon

Sayana Dy, R.D.M.S., R.M.S.K.S., R.V.T., R.D.C.S.

Vascular Technologist

Erin Enders, B.S., R.V.T.

Vascular Technologist

Ella Gaddi-Nguyen, B.S., R.V.T.

Vascular Technologist

Brian T. Lee, M.D.

Hepatologist, Hoag Liver Program
Hoag Digestive Health Institute

Alexander S. Misono, M.D., M.B.A., R.P.V.I.

Interventional Radiologist

Azin Mofazzali, R.D.M.S., R.V.T.

Vascular Technologist

Allen G. Murga, M.D.

Vascular Surgeon

Subbarao V. Myla, M.D., F.A.C.C., F.A.C.A.I., M.M.M., C.P.E.

Dr. Joel H. Manchester Endowed Chair in Interventional Cardiology

Thuy Nguyen, R.D.M.S., R.V.T.

Vascular Technologist

Robert Rowe, M.D.

Newport Critical Care Physicians

Clinical Objectives

1. Identify different types of hemodialysis access, describe normal and abnormal ultrasound findings in dialysis fistulas and grafts, and apply effective protocols and criteria to produce quality studies.
2. Describe the entity of portal hypertension and its complications concerning utility of TIPS management and complications.
3. Explain how vascular ultrasound can diagnose cardiac conditions, estimate fluid overload, and guide therapeutic interventions.
4. Review anatomy and discuss aortic pathology and discuss when to screen for AAA and when to treat.
5. Review rationale for developing standardized diagnostic criteria for internal carotid artery stenosis.
6. Define extracranial anatomy and discuss an overview of carotid artery pathology and management options.
7. Review case examples of pathology, proper imaging techniques, and treatment options for venous excess (VExUS), pseudoaneurysm by bullet, assessment of a popliteal mass, hemodialysis without GPS, ulnar artery aneurysm, left popliteal venous arterialization bypass, and assessment of retrograde flow in the PCA.
8. Explain the mechanism of antibody-mediated thrombophilia, including lab testing and interpretation, and describe the role of imaging and therapeutic approaches.
9. Describe clinical implications of deep venous thrombosis in the acute and chronic stages, including the indications for interventional treatment as well as expected outcomes.
10. Describe clinical utility of MCA Doppler from fetus to adult. Review case examples of versatility MCA Doppler and utilizing for assessment of fetal anemia, intrauterine growth restriction, pediatric assessment of sickle cell anemia, adult assessment for micro emboli in patients with cryptogenic stroke and vasospasm.
11. List reasons for the new treatment for CLI and describe steps for treatment and how follow-up works.
12. Identify the basics of venous anatomy and hemodynamics and assess duplex ultrasound findings in relation to clinical symptoms.
13. Identify current challenges faced by sonographers in imaging venous system pathologies and clinical relevance for demonstrating how accurate imaging by sonographers impacts timely diagnosis and patient outcomes.
14. Recognize the significance of interdisciplinary collaboration among healthcare professionals to optimize patient pathways.
15. Apply technical and ergonomic strategies for imaging the central and lower extremity venous system.

Agenda – Saturday, November 2, 2024

- 7:30 - 8:00 a.m. **Breakfast & Exhibits**
- 8:00 - 8:15 a.m. **Welcome and Program Objectives**
- 8:15 - 8:35 a.m. **Shedding Some Light on Post-Op Dialysis Duplex Ultrasound**
Tish Poe, B.A., R.D.C.S., R.V.T., F.S.V.U.
- 8:35 - 8:50 a.m. **Hemodialysis Ultrasounds are like Road Trips without GPS**
Azin Mofazzali, R.D.M.S., R.V.T.
- 8:50 - 9:10 a.m. **Transjugular Intrahepatic Portosystemic Shunts in the Management of Portal Hypertension**
Dr. Brian T. Lee
- 9:10 - 9:30 a.m. **VExUS-An Exam of Overload**
Dr. Robert Rowe
- 9:30 - 9:40 a.m. **VExUS: Venous Excess Ultrasound Case Study**
Erin Enders, B.S., R.V.T.
- 9:40 - 10:00 a.m. **The Silent Killer- When to Screen and When to Treat**
Dr. Allen Murga
- 10:00 - 10:20 a.m. **Break & Exhibits**
- 10:20 - 10:40 a.m. **Vascular Ultrasound Criteria for Carotid Stent Follow Up and Restenosis**
Dr. Subbarao Myla
- 10:40 - 11:00 a.m. **The TCAR Revolution in Carotid Intervention: Advancements, Benefits, and Outcomes**
Dr. Antonio Covarrubias

CASE STUDY SESSION

- 11:00 - 11:10 a.m. **Case Study: Confronting a Right Leg Popliteal Mass**
Kenia Basilio, B.S., R.V.T.
- 11:10 - 11:20 a.m. **Only Dead Fish Go with the Flow: Retrograde Flow in the Left PCA 1**
Ella Gaddi-Nguyen, B.S., R.V.T.
- 11:20 - 11:30 a.m. **The Vanishing Ulnar Artery Aneurysm**
Sayana Dy, R.D.M.S., R.M.S.K.S., R.D.C.S., R.V.T.
- 11:30 a.m. - 12:00 p.m. **Panel Discussion**
Dr. Subbarao, Myla - Moderator
- 12:00 - 1:00 p.m. **Lunch and Exhibits**

- 1:00 - 1:20 p.m.** **Updates on Antibody Mediated Thrombophilia**
Dr. Ehab Mady
- 1:20 - 1:45 p.m.** **Deep Venous Thrombosis- The Patient Experience**
Dr. Alexander Misono
- 1:45 - 2:05 p.m.** **Predictive Value of MCA Doppler: A Lifetime of Clinical Utility**
Dr. Joy Guthrie
- 2:05 - 2:25 p.m.** **Critical Limb Threatening Ischemia Treatment Options! Do's, Don't, When?**
Dr. Antonio Covarrubias
- 2:25 - 2:40 p.m.** **Case Study: Right Leg GSV Harvested for Left Popliteal Artery to PTV**
Thuy Nguyen, R.D.M.S., R.V.T.
- 2:40 - 3:00 p.m.** **Afternoon Break and Exhibits**
- 3:00 - 3:20 p.m.** **Venous Reflux Duplex Ultrasound: What We Know, Think We Know, and Don't Know**
Tish Poe, B.A., R.D.C.S., R.V.T., F.S.V.U.
- 3:20 - 3:45 p.m.** **The Strategic Role of Sonographers in Imaging the Central and Lower Extremity Venous System Pathologies**
Julie Cardozo, R.D.C.S., R.V.T., R.Ph.S.
- 3:45 - 4:10 p.m.** **Technical & Ergonomic Strategies Demo**
Implementing Technical and Ergonomic Strategies for Imaging the Central and Lower Extremity Venous System
Julie Cardozo, R.D.C.S., R.V.T., R.Ph.S.
- 4:10 - 4:30 p.m.** **Panel Discussion**
Dr. Ehab Mady

12th Hoag Vascular Imaging Symposium

SATURDAY, NOVEMBER 2, 2024

All sessions will be held at Waterfront Hilton Hotel
21100 Pacific Coast Highway, Huntington Beach, CA 92648

Registration is available at: www.hoag.org/cme

REGISTRATION FEES:

- Physicians: \$275
- Non-Hoag Technologists: \$225
- Hoag Technologists: \$75 credit card deposit, **refunded after the symposium to Hoag technologists with verified attendance**

Registration Fees includes conference tuition, continental breakfast, lunch and refreshments.

Upon receipt of registration – a confirmation email will be sent.

Cancellations

Written cancellations will be accepted until October 25, 2024. No refunds will be given for cancellations after October 25, 2024. No refunds will be given for no-shows. 3% Administration fee will apply to all canceled registrations.

Acknowledgements

This event is supported by exhibitor fees. At the time of printing, a complete list of industry supporters was not available. Appropriate acknowledgement will be given to all exhibitors at the time of the program.

