



JEFFREY M. CARLTON HEART
& VASCULAR INSTITUTE PRESENTS

Hoag 11th Annual Vascular Imaging Symposium

Saturday, November 4, 2023
8:00 a.m. – 5:00 p.m.

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

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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 2023 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 14, 2023, after which the room block will be released. Room block rates for this event begin at \$349 + resort fees and taxes, per evening. Overnight guest parking is available for \$38 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 AMA PRA 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 6.0 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 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 SPEAKERS

Wei F. Chen, M.D., F.A.C.S.

Professor of Plastic Surgery
Head, Regional Microsurgery and
Supermicrosurgery
Co-director, Center for Lymphedema
Research and Reconstruction
Department of Plastic Surgery
Cleveland Clinic

Graham Schwarz, M.D., F.A.C.S.

Associate Professor of Surgery
Director, Microsurgery and Breast
Reconstruction Fellowship
Co-Director, Center for Lymphatic
Health and Research
Department of Plastic Surgery
Cleveland Clinic

Douglas Joseph, D.O., T.V.T., R.P.V.I.

Assistant Professor of Medicine to the
Faculty of Medicine
Case Western Reserve University
Assistant Professor in the Department
of Medicine in the Cleveland Clinic
Lerner College of Medicine of Case
Western Reserve University
Director Vein Center Clinic
Director of the Multi-Disciplinary
Lymphedema Clinic

Mehdi Shishehbor, D.O., M.P.H., Ph.D.

Professor of Medicine, Case Western
Reserve University School of Medicine
Co-Chair, Harrington Heart &
Vascular Institute
Director, Cardiovascular
Interventional Center
Co-Director, Vascular Center
University Hospitals of Cleveland

Cassey Noh, B.S., R.D.M.S., R.V.T.

Vascular Technologist
Cedars-Sinai Medical Center

HOAG PRESENTERS

Christopher B. Baker, M.D.

Interventional Neuroradiologist

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

Vascular Technologist

Ronda Cupstid, R.D.M.S., R.V.T.

Vascular Technologist

Antonio Covarrubias, M.D.

Vascular Surgeon

Brian Dickinson, M.D.

Plastic and Reconstructive Surgery,
Aesthetic Surgery

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

Vascular Technologist

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

Vascular Technologist

Brian T. Lee, M.D.

Hepatologist, Hoag Liver Program

Hoag Digestive Health Institute

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

Medical Director Vascular
Services Program

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

Vascular Technologist

**Subbarao V. Mylavarapu, M.D.,
F.A.C.C., F.S.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

Educational Objectives

- Identify and learn reconstructive and cosmetic implications of blood supply for plastic and reconstructive surgery and aesthetic surgery
- Learn lymphedema basics: Anatomy, diagnosis, causes and current treatment
- Understand portal vein thrombosis clinical presentation and imaging for a diagnosis
- List reasons for transcatheter deep vein arterialization, describe steps and how follow up works
- Identify treatment options for idiopathic intracranial hypertension and relate the importance of integrating clinical and vascular laboratory findings in the final diagnosis
- Explore the common and connecting pathophysiology behind stroke syndromes and heart attacks as well as the role of vascular ultrasonography and doppler in detection and monitoring the conditions
- Understand epidemiology, etiology and clinical presentation symptoms and treatment and the role of the vascular technologist in heparin induced thrombocytopenia
- Explain issues and limitations in the CLTI population
- Learn historical imaging options and emerging imaging and diagnostic tools, including ICG lymphography, 3D imaging, and bioimpedance
- Review the inter-disciplinary approach to lymphatic surgery and discuss the lymphatic multichannel communication system
- Review the principles, indications, and contraindications of lymphaticovenular anastomosis for extremity lymphedema
- Identify lower extremity venous reflux, symptoms and grading with duplex ultrasound.
- Discuss treatment options, ultrasound surveillance and follow up protocols

Agenda – Saturday, November 4, 2023

- 7:30 – 8:00 a.m. **Registration, Continental Breakfast & Exhibits**
- 8:00 – 8:15 a.m. **Welcome**
Tom Lonergan
Former Executive Director of Hoag Heart and Vascular Institute
Course Objectives
Ehab Mady, D.O., F.S.V.M., R.P.V.I.
Dianne Masri, B.S., M.A., R.D.M.S., R.V.T.
- 8:15 – 8:40 a.m. **The Importance of Blood Supply in Plastic & Reconstructive Surgery and Aesthetic Surgery**
Brian Dickinson, M.D.
- 8:40 – 9:00 a.m. **ICG Lymphography for Diagnosis of Lymphedema**
Douglas Joseph, D.O., T.V.T., R.P.V.I.
- 9:00 – 9:20 a.m. **Portal Vein Thrombosis: Evaluation and Management**
Brian T. Lee, M.D.
- 9:20 – 9:40 a.m. **Transcatheter Deep Vein Arterialization: Why, How and the Rest!**
Mehdi Shishehbor, D.O., M.P.H., Ph.D.
- 9:40 – 10:00 a.m. **Intracranial Imaging and Interventions**
Christopher Baker, M.D.
- 10:00 – 10:20 a.m. **Break, Refreshments and Exhibits**
- 10:20 – 10:40 a.m. **Heart Brain Connection: Through the Eyes of a Vascular Sonographer!**
Subbarao Myla, M.D., F.A.C.C., F.S.C.A.I.

CASE STUDY SESSION

- 10:40 – 10:50 a.m. **Duplex Studies of Amplatzer Vascular Plug II as a Foreign Body: Detection and Localization Following Migration From the heart to the Extremities**
Cassey Noh, R.D.M.S., R.V.T.
- 10:50 – 11:00 a.m. **Extracorporeal Membrane Oxygenation ECMO – The Heart of it All**
Kenia Basilio, B.S., R.V.T.
- 11:00 – 11:10 a.m. **Incidental Finding by Duplex Ultrasound of a Contained Ruptured Aneurysm in a Patient with a Chief Complaint of Acute Left Foot Coolness and Numbness**
Azin Mofazzali, R.D.M.S., R.V.T.
- 11:10 – 11:20 a.m. **Diagnosis of Adventitial Cystic Disease of the Right Common Femoral Vein by Ultrasound**
Ronda Cupstid, R.D.M.S., R.V.T.

- 11:20 – 11:30 a.m.** **Case Study: Duplex Evaluation of Nutcracker Syndrome in a Patient with Worsening Abdominal Pain**
Kenia Basilio, B.S., R.V.T.
- 11:30 – 12:00 p.m.** **Panel Discussion**
Moderated by Subbarao Myla, M.D., F.A.C.C., F.S.C.A.I.
- 12:00 – 1:00 p.m.** **Lunch and Exhibits**
- 1:00 – 1:20 p.m.** **Heparin Induced Thrombocytopenia**
Ehab Mady, D.O., F.S.V.M., R.P.V.I.
- 1:20 – 1:30 p.m.** **Heparin Induced Thrombocytopenia (HIT): Double Trouble**
Sayana Dy, R.D.M.S., R.M.S.K.S., R.D.C.S., R.V.T.
- 1:30 – 1:50 p.m.** **Best CLI and BASIL Trials – Where are we with CLTI revascularization?**
Mehdi Shishehbor, D.O., M.P.H., Ph.D.
- 1:50 – 2:10 p.m.** **Ultra-High Frequency Ultrasound, Applications for Lymphedema Treatment and Diagnosis Work**
Douglas Joseph, D.O., R.V.T., R.P.V.I.
- 2:10 – 2:40 p.m.** **Supermicrosurgical Lymphaticovenular Anastomosis for Extremity Lymphedema – How to Make it Easy and Effective**
Wei F. Chen, M.D., F.A.C.S.
- 2:40 – 3:00 p.m.** **Afternoon Break and Exhibits**
- 3:00 – 3:20 p.m.** **Lymphatic Imaging: Multimodal Approaches for Planning and Performing Lymphatic Surgery**
Graham Schwarz, M.D., F.A.C.S.
- 3:20 – 3:40 p.m.** **The Role of Vascular Ultrasound Post Revascularization**
Antonio Covarrubias, M.D.
- 3:40 – 4:00 p.m.** **Chronic Venous Insufficiency: Technical considerations and Treatments: When should we treat?**
Antonio Covarrubias, M.D.
- 4:00 – 4:30 p.m.** **Didactic and Live Scanning Demonstration**
Scanning Pelvic Venous Congestion
Erin Enders, B.S., R.V.T. / Thuy Nguyen, R.D.M.S., R.V.T.
- 4:30 – 5:00 p.m.** **Panel Discussion**
Moderated by Ehab Mady, D.O., F.S.V.M., R.P.V.I.
- 5:00 p.m.** **Adjourn**

11th Hoag Vascular Imaging Symposium

SATURDAY, NOVEMBER 4, 2023

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

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

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 28 2023. No refunds will be given
for cancellations after October 28, 2023. No refunds will be given for no-shows.

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.

