

AGENDA | Saturday, December 2, 2023

Time	Topic/Activity	Speaker
7:30 AM	Registration and breakfast	
8:00 AM	Vascular Ultrasound for Vascular Surgeons	Alan Lumsden, MD, RVT
8:30 AM	How to make my images better - knobology	Steven To, RVT, RDMS, RT(R)
9:00 AM	My favorite cases	Joseph Naoum, MD, RPVI
9:30 AM	Tips & trick for interpretations	Zsolt Garami, MD, RPVI
10:00 AM	Cases	Q&A
10:30 AM	Coffee break	
11:00 AM	Aorta & More	Christi Moore, Vascular Sonographer
11:30 AM	Hips, knees & toes	Tam Huynh, MD
12:00 PM	Arms and AVF	Eric Peden, MD, RVT
12:30 PM	TCD	Zsolt Garami
1:00 PM	TCAR	Charudatta Bavare, MD, MPH, FACS
1:30 PM	Lunch	
2:00 PM	Hands - on Lab at MITIE	

FACULTY

COURSE DIRECTOR

Zsolt Garami, MD, RPVI

Assistant Professor of Cardiovascular Surgery
Houston Methodist

HOUSTON METHODIST FACULTY

Charudatta Bavare, MD, MPH, FACS

Vascular Surgeon
Houston Methodist Cardiovascular Surgery Associates
Houston Methodist Hospital

Tam Huynh, MD

Cardiovascular Surgery Associates
Houston Methodist

Alan Lumsden, MD, RVT

The Walter W Fondren III Distinguished Endowed Chair
Medical Director
Houston Methodist DeBakey Heart & Vascular Center
Houston Methodist

Christi Moore

Vascular sonographer
Houston Methodist

Joseph Naoum, MD, RPVI

Endovascular Surgery, Vascular Surgery
Houston Methodist Cardiovascular Surgery Associates

Eric Peden, MD, RVT

J.C. "Rusty" Walter III Centennial Chair
Associate Professor of Cardiovascular Surgery
Houston Methodist

Steven To, RVT, RDMS, RT(R)

Vascular Ultrasound Technologist
Houston Methodist

PROGRAM OVERVIEW

This inaugural master class will provide lectures and “real” hands-on training for attendees seeking the basics of Transcranial Doppler techniques of examinations, their clinical applications, and interpretations. You will learn from world- renowned experts teaching you the most important concepts and skills for transcranial doppler topics. This conference is dedicated to TCD. Specifically, we will cover vascular anatomy and physiology, protocols and interpretations for ultrasound applications, blood flow patterns, and more. In addition, you will get hands-on practice performing ultrasound studies on volunteers.

TARGET AUDIENCE

This course is designed for physicians, physician assistants, sonographers, nurse practitioners, nurses, residents, fellows, students, and engineers.

EDUCATIONAL OBJECTIVES

At the conclusion of this activity, the participant should be able to:

- Identify extracranial and intracranial flow signals
- Perform complete transcranial ultrasound examinations
- Identify extracranial and intracranial stenosis, collateral flow, flow reversal, PFO and vasospasm
- Interpret cervical and transcranial ultrasound studies, including monitoring procedure.
- Discuss different types of ultrasound equipment and ultrasound impact on stroke management

EDUCATIONAL METHODS

Didactic Lectures, Hands-on Workshops

ACCREDITATION AND CREDIT DESIGNATION STATEMENTS

Physicians

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Houston Methodist designates this live activity for a maximum of 8.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Society for Vascular Ultrasound (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. Credit Hours: 8.25

HOW TO RECEIVE YOUR CERTIFICATE

An email will be sent from Houston Methodist CME with the necessary link to evaluate the activity. You will be prompted to print/download your certificate in PDF format once you have submitted your evaluation.

DISCLAIMER

This CE activity is designed for use by healthcare professionals for educational purposes only. Information and opinions offered by the contributors represent their viewpoints. Conclusions drawn by the participant should be derived from careful consideration of all available scientific information. Prescription information and use of medical devices should be undertaken only after confirmation of information by consulting the FDA-approved uses and information. Houston Methodist makes every effort to have accurate information presented; no warranty, expressed or implied, is offered. The participant should use his/her clinical judgment, knowledge, experience, and diagnostic decision-making before applying any information, whether provided here or by others, for any professional use.

DISCLOSURES

Houston Methodist makes every effort to develop continuing education activities that are scientifically based, accurate, current, and objectively presented. In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education and American Nurse Credentialing Center (ANCC) and Accreditation Council for Pharmacy Education (ACPE) guidelines, Houston Methodist has implemented a mechanism requiring everyone in a position to control content of an educational activity (e.g., directors, planning committee members, contributors, peer reviewers, etc.) to disclose all financial relationships with ineligible companies (companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients) and mitigate any relevant financial relationships prior to the activity. Individuals must disclose to participants the existence of financial relationships at the time of the activity and 24 months prior.

Houston Methodist does not view the existence of interests or relationships with ineligible companies as implying bias or decreasing the value of a presentation. It is up to the participants to determine whether the interests or relationships influence the presenter with regard to exposition or conclusions.

In addition, if contributors will be discussing products (drugs/devices) they have been instructed to use generic names and to include various products within and across classes. If at any time during this activity you feel that there has been commercial or promotional bias, please notify the CE coordinator for the activity and note your comments by using the commercial bias comments box in the evaluation form. Please answer the question about balance in the CE activity evaluation candidly.

Some drugs/devices identified during this activity may have United States Food and Drug Administration (FDA) clearance for specific purposes only or for use in restricted research settings. The FDA has stated that it is the responsibility of the individual physician to determine the FDA status of each drug or device that he/she wishes to use in clinical practice and to use the products in compliance with applicable law.

Faculty members are also asked to disclose any unlabeled use or investigational use (not yet approved for any purpose) or pharmaceutical and medical device products and provide adequate scientific and clinical justification for such use. Physicians are urged to fully review all the available data on products or procedures before using them to treat patients.

FACULTY DISCLOSURES

All the relevant financial relationships listed for these individuals have been mitigated.

Name	Role	Relevant Financial Relationship(s)
Zsolt Garami	Course Director	Consultant – NeuraSignal, Siemens, Longevity, OrvosAI
Alan Lumsden	Speaker	Grants/Research Support/Participating/Investigator - W.L. Gore, Corematrix, Silk Road, Cook Consultant - BSCI, WL Gore, Siemens, Medical Metrics, Neural Analytics, Intact, Karl Storz, Avail Speakers Bureau/Honorarium - BSCI, WL Gore, Siemens Advisory Boards - BSCI, AneuMed, Intact, Silk Road, Hemostemix, KOL
Eric Peden	Speaker	Advisor – Humacyte Consultant - Venostent Inc., Voyager

All others who were in control of the content of this activity have disclosed that they have no relevant financial relationships.

EXHIBITORS

We gratefully acknowledge the following companies for participating as exhibitors
for this activity:

Image Monitoring

Mindray

Silk Road Medical

COMMERCIAL SUPPORT

We gratefully acknowledge the following companies for providing in kind support for this activity:

GE Healthcare

(Durable equipment, disposable supplies, labor/setup)

Mindray

(Durable equipment, labor/setup)

Fujifilm

(Durable equipment)

Philips

(Durable equipment, labor/setup)

Image Monitoring

(Durable equipment labor/setup)