



*Michigan Sonographers Society*

**2<sup>nd</sup> Annual Fall**

**Vascular Symposium**

**SATURDAY Nov 11, 2017**

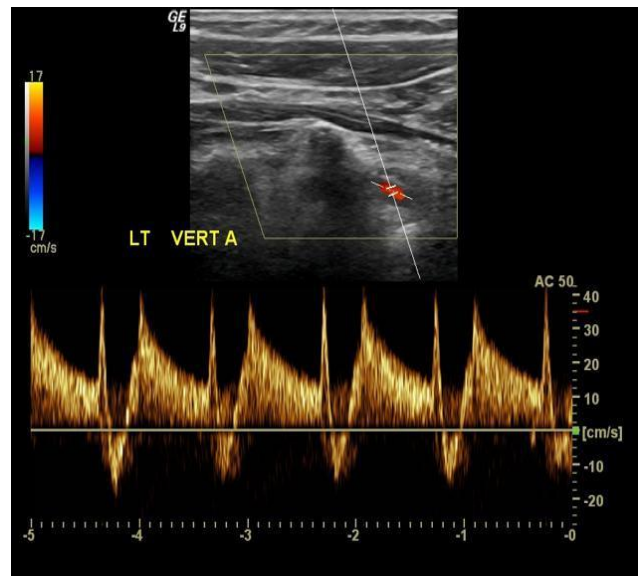
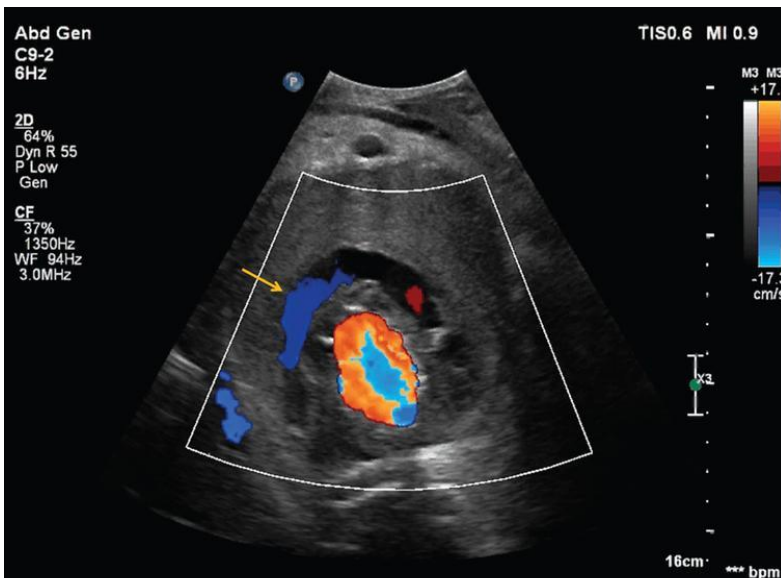
THE  
KENSINGTON  
HOTEL

ON STATE STREET

**3500 S. State Street**

**Ann Arbor, MI 48108**

**Phone: 734 761 7800**



**SDMS Approved 7 CME Credits**

**Sonographers \$140/ Students \$70 Deadline October 31<sup>st</sup>**

*To Register for this event:*

*Visit our website-*

[www.michigansonographersociety.org](http://www.michigansonographersociety.org)

**Sponsored by:**

*American Medical Systems*

*General Electric*

*Samsung/RPS Imaging*

*Philips Medical*

*Siemens Medical*

*Nanosonoics*

*Lumason / Bracco Diagnostics*

# FACULTY

## **Larry Raber, RDMS, RVT**

Mr. Raber is the Director of the Neurovascular Laboratory Imaging at the Cleveland Clinic. He is very active in Sonographer Education and lectures at national and state conferences.

## **O. W. Brown, M.D.**

Dr. Brown is the chief, Division of Vascular Surgery at William Beaumont Hospital. He is also Professor of Surgery at Oakland University – William Beaumont School of Medicine.

## **Robert Cuff, M.D. RPVI**

Dr. Cuff is the Program Director for Integrated Vascular Surgery Residency at Spectrum Health – MSU. He is also Assistant Professor of Surgery, MSU-CHM. As Medical Program Director at GVSU, he is very involved in Sonography education

## **Karen Zimmerman, BS, ACS, RDCS, RVT, FASE**

Ms. Zimmerman is the advance Imaging Specialist for Munson Healthcare of Grand Traverse Region of Michigan. She has co-authored several book chapters and is Editor-in-Chief of the new American Society of Echocardiography Journal – CASE.

## **Robert Ross, PA-C**

Mr. Ross is president of Triade Diagnostic Solutions, a company providing outpatient testing in physician offices across the state of Michigan. He is on the technical panel of the JACC and ACC article titled: Appropriate Use Criteria for Peripheral Vascular Ultrasound and Physiological Testing. His knowledge of Physiological testing for vascular disease is extensive.



# Educational Program

## 7 CME credits approved by SDMS

- 7:00 am **REGISTRATION / Continental Breakfast – View Exhibits**
- 7:40 am **Welcome – Meeting Announcements**
- 7:45 am **Larry Raber, RDMS, RVT**  
The Carotid/TCD examination – How one effects the other
- 8:45 am **O.W. Brown, M.D.**  
Ultrasound evaluation following aortic stent grafting: Endoleaks, Velocity Peaks, and Sac Size Tweaks
- 9:45 am **BREAK – Visit Vendors**
- 10:15 am **Robert Cuff, M.D. RPVI**  
Management of Chronic Lower Extremity Peripheral Arterial Disease
- 11:15 am **Larry Raber, RDMS, RVT**  
Imaging the Posterior Circulation:  
from the Subclavian Artery to the tip of the Basilar Artery
- 12:15 pm **LUNCH – View Exhibits**
- 1:30 pm **Karen Zimmerman, BS, ACS, RDCS, RVT, FASE**  
The effect of cardiac pathology on vascular flow
- 2:30pm **Larry Raber, RDMS, RVT**  
Current Treatment of Cerebral Aneurysms – Vasospasm/TCD
- 3:30pm **Robert Ross, PA-C**  
Non-imaging vascular diagnosis: utilizing physiologic parameters and Continuous Wave Doppler
- 4:30 pm **Meeting Adjourns**