



**The Ohio State University Medical Center, Division of Cardiovascular Medicine**

**Vascular Medicine:**

**Fellowship Training Guidelines and Clinical Responsibilities**

**General Information**

Duration of rotation: Two months  
Location to report: Stoneridge Internal Medicine

**Available Resources:**

**Textbooks:**

1. Manual of Vascular Diseases (Rajagopalan S, Mukherjee D and Mohler, ER III).

**Web-based:**

1. Society for Vascular Medicine – [www.svmb.org](http://www.svmb.org).
2. The American College of Cardiology – [www.acc.org](http://www.acc.org)

**Teaching Methods:**

1. Monday Interventional/Vascular Conference.
  - a. Didactic topics in vascular medicine/peripheral interventions.
2. Clinical teaching.
3. Individual performance, interpretation of vascular studies.
4. Faculty mentorship.
5. Fellow-directed supplemental reading.

**Overall Curriculum Goals During First Year/Level 1 Training:**

1. Instruction in basic principles of vascular ultrasound.
2. Instruction in basic vascular anatomy, physiology, and pathophysiology.
3. Evaluation and management of venous, arterial and lymphatic diseases, atherosclerotic risk factors, and thrombophilic states.
4. Understanding of vascular ultrasonography within a clinical context.
5. Competency to interpret vascular ultrasounds in the following areas:
  - a. Carotid artery duplex ultrasonography
  - b. Upper and lower extremity arterial continuous wave Doppler/pulsed volume recording [PVR's] and segmental pressure studies
  - c. Upper and lower extremity arterial and venous duplex ultrasonography
  - d. Abdominal aortic duplex ultrasonography
6. Understanding indications and principles of CTA and MRA for peripheral vascular diagnosis.
7. Recognize the indications for both catheter-based and surgical interventions
8. Participation in peripheral angiography.

**Mandatory Reading:**

Introductory chapters in textbook listed above.

**Clinical Responsibilities:**

Evaluation and management of outpatients with vascular medicine disorders including utilization of the non invasive peripheral vascular laboratory

**\* For each month/location:** the fellow is expected to assist with vascular ultrasonography, MRA/CTA, and peripheral catheterization lab administrators and affiliated staff with specific tasks (i.e., helping to decipher unexpected findings to determine whether it is safe to discharge an outpatient after their study; calling services when orders for the vascular study are ambiguous or inappropriate, etc.).

**Didactic Responsibilities:**

1. Each rotating fellow at Stoneridge Medical Center is required to present a didactic focusing on the evaluation a vascular topic.
2. The fellow will attend the monthly Vascular Medicine Conference at the OSU Medical Center and assist in preparation of the case[s] to be presented.

**Evaluation:**

Fellows will be assessed and evaluated by the faculty, based on the 6 core competencies and associated Milestones. Examples are listed below:

Competencies	Milestones
Patient Care	<ul style="list-style-type: none"> <li>▪ Gathers and synthesizes essential and accurate information to define each patient's clinical problem(s)</li> <li>▪ Develops and achieves comprehensive management plan for each patient</li> <li>▪ Demonstrates skill in performing and interpreting non-invasive procedures and/or testing</li> <li>▪ Requests and provides consultative care</li> </ul>
Medical Knowledge	<ul style="list-style-type: none"> <li>▪ Possesses clinical knowledge</li> <li>▪ Knowledge of diagnostic testing and procedures</li> </ul>
Systems-Based Practice	<ul style="list-style-type: none"> <li>▪ Identifies forces that impact the cost of health care, and advocates for, and practices cost-effective care</li> </ul>
Practice-Based Learning and Improvement	<ul style="list-style-type: none"> <li>▪ Learns and improves via feedback</li> </ul>
Professionalism	<ul style="list-style-type: none"> <li>▪ Has professional and respectful interactions with patients, caregivers and members of the interprofessional team</li> <li>▪ Responds to each patient's unique characteristics and needs</li> </ul>