

Rotation: Vascular Medicine

The vascular medicine rotation will provide the trainee with experience in diagnosing and managing a broad spectrum of vascular diseases, including the arterial, venous, and lymphatic disease. The rotations will provide exposure to the common vascular diseases such as peripheral artery disease, chronic venous insufficiency, venous thromboembolic disease, but also provide opportunities for the trainee to evaluate patients with aneurysmal disease, arterial dissections, vasculitis, and hypercoagulable states. Trainees will also participate on the inpatient vascular medicine consult service, vascular surgery clinics, and learn the basics of vascular imaging via reading sessions in the vascular laboratory and radiology.

Goals of the Rotation

- To understand how to evaluate the patient with common vascular complaints including leg edema, claudication, and aneurysmal disease
- To understand which imaging test to order in patients with common vascular diseases
- To be able to calculate an ankle brachial index, interpret a carotid duplex ultrasound, and interpret a venous duplex for deep venous thrombosis
- To be able to determine the appropriate duration of anticoagulation in a patient with venous thromboembolic disease

Learning Objectives

Medical Knowledge	
Objective	Teaching Methods
Understand anatomy and physiology contributing to vascular findings on physical exam	- Clinical teaching - Didactics - Self directed learning activities
Utilize the appropriate ancillary (diagnostic) studies in patients with vascular disease	
Synthesize data to formulate an effective management/treatment plan	
Create a hierarchical plan to triage and prioritize the treatment plan	
Describe relevant cardiovascular anatomy/physiology/natural history as they pertain to long-term management of patients with specific types of vascular disease	

Patient Care	
Objective	Teaching Methods
Perform a focused history and directed physical examination for patients with cardiac, arterial, and venous disease	- Clinical Teaching - Performance feedback - Didactics and case conferences - Role modeling

Synthesize and prioritize a differential diagnosis for common cardiovascular conditions based on the history and physical exam, laboratory data, and imaging studies	
Devise an appropriate plan for therapeutic management for common cardiovascular conditions on the basis of the working diagnosis	
Incorporate the patient's preferences and social and religious mores into communication and treatment planning	
Identify appropriate community resources to address patient needs	
Confirm laboratory and non-invasive study results in a timely fashion	
Ensure continuity of care	
Learn when to obtain more specialized consultation	

Practice Based Learning and Improvement	
Objective	Teaching Methods
Critically evaluate the current scientific literature using principles of evidence-based medicine to incorporate into outpatient diagnosis and management of cardiovascular disease	<ul style="list-style-type: none"> - Didactics - Role modeling - Clinical teaching
Solicit and actively receive feedback, and incorporate that feedback in areas identified for improvement	
Acquire knowledge through utilization of appropriate resources (e.g. texts/literature, attending, electronic sources, conferences)	

Interpersonal and Communication Skills	
Objective	Teaching Method
Provide effective communication with patients and families	<ul style="list-style-type: none"> - Performance feedback - Clinical teaching - Role modeling
Maintain accurate, timely, and complete medical records	
Work effectively with other members of the health care team, including nurses and social workers in the care of patients	
Communicate consultation and follow-up information to colleagues and Primary Care Providers in a clear, concise, and helpful way	

Professionalism	
Objective	Teaching Method
Demonstrate compassion and respect for others	- Clinical teaching - Role modeling
Exhibit sensitivity and responsiveness to patients' culture, ethnicity, age, gender, and disabilities	
Practice medicine with honesty and integrity	
Adhere to ethical medical practices	
Demonstrate productive work habits including punctuality, effective time management, initiative and organization	
Accept personal responsibility for patient care	

Systems Based Practice	
Objective	Teaching Methods
Understand and practice cost-effective health care and resource allocation that does not compromise quality of care	- Role modeling - Didactics - Clinical teaching
Effectively utilize of clinical guidelines/care paths when appropriate	