

Vascular Surgery (R1)

Institution: NVAMC/VUMC

Duration: 4 weeks

Supervising Physician: John Curci

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Year of Training: PGY1

Educational Objectives:

The Vascular surgery rotation at the Nashville VA and VUMC provides the PGY1 resident with an introduction to the broad scope of surgical conditions and procedures in vascular surgery. Residents are an integral part of the care team, participating in pre-operative assessment, surgical procedures, and daily post-operative care.

Practice-Based Learning and Improvement

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Residents are expected to develop skills and habits to be able to meet the following goals:

- ✓ Write an accurate, detailed, and legible preoperative assessment and counseling note on all vascular surgery patients for which he/she serves as surgeon of record.
- ✓ Utilize assigned journal articles as well as available textbook chapters and information technology (including PubMed search and literature review)
- ✓ Participate in the education of surgical patients, families, students, residents, and other health professionals.
- ✓ Incorporate formative evaluation feedback into daily practice.

Interpersonal and Communication Skills

- ✓ The resident should ensure that the attending is aware of the progress of all patients on the vascular surgery service.
- ✓ The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.
- ✓ The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.
- ✓ The resident should clearly, accurately, and respectfully communicate with patients and appropriate members with their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.
- ✓ The resident should ensure that clear, concise, accurate, and timely medical records are maintained on all patients.
- ✓ The resident should be able to clearly and accurately teach medical students about the procedures performed on this rotation when qualified to do so by hospital and program policy.

Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents must:

- ✓ Demonstrate compassion, integrity, and respect for others.
- ✓ Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation..
- ✓ Demonstrate respect for patient privacy and autonomy.
- ✓ Remain honest with all individuals at all times in conveying issues of patient care.
- ✓ Respond to the needs of the patient above one's own needs and desires.
- ✓ Maintain high standards of ethical behavior in all professional activities.
- ✓ Demonstrate a commitment to the continuity of patient care to carrying out professional responsibilities or through assuring that those responsibilities are fully and accurately conveyed others acting in his/her stead.
- ✓ Understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system within 24 hours of duty.
- ✓ Be properly and professionally attired at all times while engaged in patient care.
- ✓ At all times treat patients, families, and all members of the healthcare team with respect.

- ✓ Reliably be present in prearranged places at prearranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.
- ✓ Remain compliant with all required training designated by the institution.

Systems-based practice

- ✓ The resident should be able to assess the risks and benefits of all options for treating patients with vascular surgical illness.
- ✓ The resident should be able to summarize the financial costs, potential complications, and long-term expectations for planned procedures.
- ✓ The resident should recognize the differences between the three hospital systems in which he or she will participate: federal, university, and private.
- ✓ The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.

Medical Knowledge.

- ✓ Obtain an understanding of vascular disease and appropriate workup of the outpatient
- ✓ Perform an accurate and complete vascular history and physical. Understand cardiac risk assessment in vascular patients.
- ✓ Demonstrate basic knowledge of arterial and venous anatomy (chest, abdomen, extremities, neck)
- ✓ Be able to obtain and interpret/discuss ABIs and non-invasive lower extremity WAVE forms
- ✓ Understand pharmacology of antiplatelet, anticoagulation, and thrombolysis medications.
- ✓ Evaluate acute/chronic limb ischemia.
- ✓ Evaluate AA, carotid artery occlusive disease, DVT/PE
- ✓ Understanding of instructions for operation of vascular patients.
- ✓ Understanding possible complications from treatment.
- ✓ Be able to assist in the OR, be able to tie and suture
- ✓ Be able to place a central venous access catheter and tunneled catheter with buried port.
- ✓ Be able to perform toe and limb amputation

Description of Didactic Experiences:

Attend all scheduled education and conferences while on rotation.

Evaluation Process:

Faculty and senior residents will evaluate the performance of each resident using these goals and objectives. Each resident on the service will evaluate the rotation, the service, faculty and any senior residents also on the rotation.

Other Important Rotation Information: