

**PGY-7 (2<sup>nd</sup> Year)**  
**GOALS AND OBJECTIVES**  
**VANDERBILT UNIVERSITY MEDICAL CENTER**  
**VASCULAR SURGERY PROGRAM**  
**JULY 1, 2015**

**OVERALL GOALS & OBJECTIVES**

The overall goal of the vascular surgery fellowship at Vanderbilt University Medical Center is to produce a fully trained, competent, and independent practitioner of vascular surgery who can pursue a career in this specialty either in the private or academic setting. The educational program is 24 months in duration. The essential learning activity is interaction with patients under the guidance and supervision of faculty members. The fellow will be interacting with patients in a number of outpatient and inpatient scenarios, including outpatient clinics, hospital wards, ICUs, catheterization laboratories, and operating rooms. The clinical educational program will be supplemented by regularly scheduled didactic sessions that include a weekly multidisciplinary aortic conference, biweekly Morbidity and Mortality conferences, a monthly journal club, and a structured series of conferences covering the basic and clinical sciences fundamental to vascular surgery.

The scope of expertise gained during the second year (PGY7) will include proficiency in diagnosis and treatment of vascular disease, including recognition and management of comorbid conditions, assessment of treatment options, and global care of the patient. The second-year fellow will demonstrate knowledge and technical skills commensurate with a competent vascular surgeon capable of independent practice. At the completion of the second year of the fellowship, the trainee can expect to be eligible to sit for the Vascular Surgery Board Examinations.

*During the second year there will be two (2) overall educational goals:*

- I. The second year fellow is expected to gain competency in complex open and endovascular procedures of all types. Under faculty supervision, the vascular fellow will be able to demonstrate the ability to:
  - identify anatomic and physiologic issues underlying the complexity of the case.
  - discuss risks/benefits of the proposed procedure
  - discuss alternative treatment options
  - perform a preoperative assessment and provide treatment of comorbid conditions
  - competently perform the procedure

- provide complete postoperative care for the patient, including management of postoperative complications.

II. The second year fellow will achieve complete assimilation of the core knowledge of vascular surgery. During the course of the second year, the fellow will be exposed to at least one-half day in an outpatient clinic, attend weekly vascular conferences, and assume a chief resident role on the VUMC Vascular Surgery service. The vascular fellow is expected to:

- attend a staff member's weekly clinic.
- supervise daily ward and ICU rounds with rotating surgery residents, make plans on each patient, and ensure that the plans are clearly conveyed to all members of the care team.
- participate in Mock Orals offered at the annual meeting of the Southern Association for Vascular Surgery.
- Demonstrate and apply knowledge regarding the clinical management and pathophysiology of vascular disorders including:
  - Atherosclerosis
  - Connective tissue disorders
  - Aneurysmal disease
  - Vessel Dissection
  - Thoracic Outlet Compression Syndromes
  - Cerebrovascular Diseases
  - Inflammatory Vascular Diseases
  - Venous Diseases
  - Lymphatic Disorders
  - Renal Failure and Vascular Access
  - Mesenteric Diseases
  - Thrombosis and thrombophilia
  - Vascular Trauma
  - Acute Ischemia
  - Congenital Anomalies including Vascular Malformations
  - Vascular Imaging