

Iowa Methodist Medical Center
Department of Surgery Education
Resident Rotation Description

Rotation: Vascular Surgery, PGY-1

General Information:

1. Postgraduate year: PGY-1
2. Rotation Length: One month
3. Service Director: Eric Scott, M.D.
4. Attending Staff: Eric Scott, M.D.
Dennis Fry, M.D.
Douglas Massop, M.D.
John Matsuura, M.D.
Anson Yeager, M.D.
John Stern, M.D.

Orientation:

The PGY-1 level resident beginning on the vascular service should meet with his/her counterpart on the day prior to the change of residents. The incoming resident should meet with the service director, Eric Scott, M.D., prior to the rotation to review goals and objectives for the PGY-1 level resident.

Recommended Reading List:

1. Rutherford Vascular Surgery (current edition)
2. Moore Vascular Surgery (current edition)
3. SCORE (Surgical Council on Resident Education) Curriculum Portal
4. Selected vascular surgery chapters from the major general surgery textbooks:
 - a. Sabiston "Textbook of Surgery" (current edition)
 - b. Schwartz "Principles of Surgery" (current edition)
 - c. Cameron "Current Surgical Therapy" (current edition)

Call Schedule:

Surgery Call Schedule

Conference Schedule:

Surgery conferences, plus the monthly Endovascular Committee Conferences on the 1st Monday of every month at 7am in the Radiology Department.

General Objectives and Description:

The PGY-1 level resident on the vascular service is expected to work with senior resident on the service in providing appropriate preoperative, intraoperative, postoperative, and non-operative care to all patients on the service. He/she will be provided progressive operative experience over the course of the rotation, and is expected to help in the teaching of the medical students on the service.

Cognitive Objectives:

The PGY-1 resident should develop a BROAD understanding (able to care for all aspects of disease and provide comprehensive management) of the following diseases and conditions:

1. Diabetic foot infections
2. Thrombophlebitis, including suppurative

Technical Skills Objectives:

The PGY-1 resident should achieve a progressive level of skill in assisting and performing the following procedures necessary for the care of the patient with vascular disease:

1. Percutaneous vascular access
2. Amputations
 - a. Toe
 - b. Transmetatarsal

Outpatient Experience:

The PGY-1 resident is expected to attend office preoperative and postoperative clinics as assigned by the service director and senior resident. At a minimum, one half day per week will be spent in the outpatient setting, with documentation of attendance and patient contact.

Contact Persons within the Heart & Vascular Care Vascular Surgery Office:

Vascular Surgery Clinic	875-9090
Eric Scott, M.D.	326-2714 (mobile)
Dennis Fry, M.D.	681-3579 (mobile)
Douglas Massop, M.D.	681-3572 (mobile)
John Matsuura, M.D.	333-1141 (mobile)
Anson Yeager, M.D.	681-1472 (mobile)
John Stern, M.D.	288-8001 (mobile)

Evaluation:

At the end of the rotation, the resident will be evaluated by supervising faculty. Personal feedback will be provided and a written or computer generated evaluation form will be completed and returned to the residency office. The faculty will evaluate the resident in each of the required six general competency domains. A written evaluation will be reviewed and signed by the resident and will be kept in the residents confidential file. Additional evaluation tools will include senior resident, nursing, and patient evaluations.

COMPETENCY SPECIFIC GOALS AND OBJECTIVES:

Patient Care

Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents are expected to:

- Meet the technical skills objectives for the rotation, as detailed above
- communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- gather essential and accurate information about their patients pertinent to vascular disease
- make informed decisions about vascular diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- develop and carry out patient management plans for the management of vascular disease
- counsel and educate patients and their families in regard to vascular disorders
- use information technology to support patient care decisions and patient education
- perform competently medical and basic interventions considered essential for the management of vascular disease
- provide health care services aimed at preventing vascular disease
- work with health care professionals, including those from other disciplines, to provide patient-focused care

Medical Knowledge

Residents must demonstrate knowledge about established and evolving biomedical, clinical, and epidemiological sciences and the application of this knowledge to patient care. Residents are expected to:

- Meet the cognitive skills objectives for the rotation, as detailed above
- demonstrate an investigatory and analytic thinking approach to clinical situations in patients with vascular disease
- know and apply the basic and clinically supportive sciences appropriate to the management of vascular disease

Practice-Based Learning and Improvement

Residents must be able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices. Residents are expected to:

- analyze practice experience and perform practice-based improvement activities using a systematic methodology
- locate, appraise, and assimilate evidence from scientific studies related to vascular disease
- obtain and use information about patients with vascular disease
- apply knowledge of study designs and statistical methods to the appraisal of clinical studies of vascular diseases
- use information technology to manage information, access on-line medical information, and support their own education
- facilitate the learning of students and other health care professionals related to vascular disease

Interpersonal and Communication Skills

Residents must be able to demonstrate interpersonal and communication skills that result in effective information exchange with patients, their patients families, and professional associates. Residents are expected to:

- create and sustain a therapeutic and ethically sound relationship with patients
- use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills in assessing vascular surgery patients
- work effectively with others as a member of the vascular surgery team

Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population. Residents are expected to:

- demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society that supersedes self-interest; accountability to patients, society, and the profession; and a commitment to excellence and on-going professional development
- demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices
- demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities

Systems-Based Practice

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide optimal care of patients with vascular disease. Residents are expected to:

- understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice
- practice cost-effective health care and resource allocation that does not compromise quality of care
- advocate for quality patient care and assist patients in dealing with system complexities
- know how to partner with health care managers and health care providers to assess, coordinate, and improve vascular health care and know how these activities can affect system performance