

UTHSC - General Surgery Clinical Rotation G&O

Sponsoring Institution: Regional One Health

Site: ROH

Rotations: Vascular Surgery

PGY 1

Rotation Objectives

By the end of the Vascular Surgery rotation at ROH, PGY 1 residents are expected to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year. Since competencies learned or mastered in the previous years of residency are competencies required for a successful surgeon, the first year resident will demonstrate achieved objectives in previous years with expanded knowledge, more efficiency in performance of procedures, and additional knowledge in pathophysiology encompassing more complex disorders.

| Competency | Required Skill(s) | Teaching Method(s) | Formative Evaluation Method(s) | Frequency of Evaluation |
|--------------|---|--|--|------------------------------|
| Patient Care | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | Under supervision, perform the following open vascular procedures: <ul style="list-style-type: none"> • venous reconstruction and stripping • extremity amputation • dialysis access – fistula and graft Describe/Participate as an Assistant in the following open vascular procedures: <ul style="list-style-type: none"> • carotid endarterectomy • upper extremity bypass • aortofemoral bypass • lower extremity bypass (all variations) • repair infrarenal aneurysm • repair peripheral artery aneurysm • resection of vascular tumors and malformations • thromboembolectomy | Clinical Teaching Conferences/Didactics Self Directed Learning | Focused Observation Global Rating Mock Oral Exam | Daily Monthly Annually |
| | Under Supervision, perform the following endovascular interventions: <ul style="list-style-type: none"> • diagnostic arteriography • venography • insertion of vena cava filters Describe/Participate as an Assistant in the following open vascular procedures: <ul style="list-style-type: none"> • arterial and venous balloon angioplasty and stenting • repair of abdominal and thoracic aortic aneurysm • placement of dialysis and other venous access catheters | Clinical Teaching Conferences/Didactics Self Directed Learning | Focused Observation Global Rating Mock Oral Exam | Daily Monthly Annually |

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| Medical Knowledge | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | <p>Perform comprehensive vascular history and physical exam, including measurement of ankle-brachial indices</p> <p>Perform appropriate evaluation for establishment of hemodialysis access</p> <p>Describe appropriate use of noninvasive vascular diagnostic testing</p> <ul style="list-style-type: none"> • duplex scanning – arterial and venous • exercise treadmill testing • segmental arterial pressure determination | <p>Clinical Teaching</p> <p>Conferences/Didactics</p> <p>Self Directed Learning</p> <p>Simulators</p> <p>Journal Club</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Mock Oral Exam</p> <p>ABSITE</p> | <p>Daily</p> <p>Monthly</p> <p>Annually</p> <p>Annually</p> |
| | <p>Demonstrate an understanding of the recognition and management of the following vascular diseases:</p> <ul style="list-style-type: none"> • cerebrovascular disease and transient ischemic attack • AAA - ruptured and nonruptured • aortoiliac occlusive disease • acute and chronic extremity ischemia • renovascular hypertension • superficial thrombophelbitis and DVT • pulmonary embolization • chronic venous disease and ulceration • thoracic outlet syndrome • lymphedema | <p>Clinical Teaching</p> <p>Conferences/Didactics</p> <p>Self Directed Learning</p> <p>Simulators</p> <p>Journal Club</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Mock Oral Exam</p> <p>ABSITE</p> | <p>Daily</p> <p>Monthly</p> <p>Annually</p> <p>Annually</p> |
| Practice Based Learning and Improvement | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | See General Surgery Objectives for a comprehensive list. | | | |
| | Develop a personal program of self-study and professional growth with guidance from the teaching staff and faculty advisor. | <p>Journal Club</p> <p>Research Project</p> <p>M & M Conference</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Procedure Log</p> | <p>Daily</p> <p>Monthly</p> <p>Quarterly</p> |
| | Participate in teaching and organization of the educational conferences and activities of the Department of Surgery and assume responsibility for teaching and supervision of subordinate surgical housestaff and medical students. | <p>Journal Club</p> <p>Research Project</p> <p>M & M Conference</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Procedure Log</p> | <p>Daily</p> <p>Monthly</p> <p>Quarterly</p> |
| Interpersonal and Communication Skills | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | See General Surgery Objectives for a comprehensive list. | | | |
| | Create and sustain a therapeutic and ethically sound relationship with patients. | <p>Clinical Teaching</p> <p>Role Modeling</p> <p>Didactics/Presentations</p> <p>Grand Rounds</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Record Review</p> | <p>Daily</p> <p>Monthly</p> <p>Quarterly</p> |
| | Work effectively with other members of the medical team including fellow residents and medical students. | <p>Clinical Teaching</p> <p>Role Modeling</p> <p>Didactics/Presentations</p> <p>Grand Rounds</p> | <p>Focused Observation</p> <p>Global Rating</p> <p>Record Review</p> | <p>Daily</p> <p>Monthly</p> <p>Quarterly</p> |

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| | Maintain professional interactions with other health care providers and hospital staff. | Clinical Teaching Role Modeling Didactics/Presentations Grand Rounds | Focused Observation Global Rating Record Review | Daily Monthly Quarterly |
| Professionalism | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | See General Surgery Objectives for a comprehensive list. | | | |
| | Participate in compassionate patient care maintaining the highest moral and ethical values with a professional attitude. | Clinical Teaching Role Modeling Ethics Lectures Grand Rounds | Focused Observation Global Rating Record Review | Daily Monthly Quarterly |
| | The resident should be sensitive to the needs and feelings of others, including the patient's family members, allied health care personnel, fellow residents, and medical students. | Clinical Teaching Role Modeling Ethics Lectures Grand Rounds | Focused Observation Global Rating 360 Degree Record Review | Daily Monthly Monthly Quarterly |
| | Demonstrate respect, compassion, integrity in the care of patients on a daily basis and sensitivity to patients' culture, age, and gender. | Clinical Teaching Role Modeling Ethics Lectures Grand Rounds | Focused Observation Global Rating Record Review | Daily Monthly Quarterly |
| Systems-Based Practice | SPECIALTY SPECIFIC OBJECTIVES | | | |
| | See General Surgery Objectives for a comprehensive list. | | | |
| | Understand how the health care organization affects surgical practice. | M & M Conference Multidisciplinary Conf Clinical Teaching | Focused Observation Global Rating | Daily Monthly |
| | Demonstrates cost effective health care. | M & M Conference Multidisciplinary Conf Clinical Teaching | Focused Observation Global Rating | Daily Monthly |
| | Partner with health care managers and allied health personnel to improve health care | M & M Conference Multidisciplinary Conf Clinical Teaching | Focused Observation Global Rating | Daily Monthly |