

Vascular and General Surgery - St. Thomas Health

Institution: St. Thomas Health

Duration: 5 weeks

Supervising Physician: Dr. Raymond Martin

Contact Information: rsmartin@sth.org

Year of Training: PGY-2

Educational Objectives:

Patient Care and Procedural Skills:

- ✓ Performs wire-guided breast mass excision independently
- ✓ Performs reliable two-handed square knots with both hands
- ✓ Able to expose carotid bifurcation and femoral artery
- ✓ Able to direct the completion of a sentinel lymph node biopsy
- ✓ Completes wound debridement independently
- ✓ Performs laparoscopic cholecystectomy from left side of table
- ✓ Identifies peritonitis, high-grade bowel obstruction, and other acute indications for laparotomy and performs laparotomy with attending surgeon.

Medical Knowledge:

- ✓ Demonstrates acquisition of the knowledge necessary to determine whether or not surgical intervention is appropriate.
- ✓ Demonstrates, particularly for assessment of preoperative diagnostic factors and preoperative preparation, increasing knowledge about surgical disease processes.
- ✓ Demonstrates how understanding of the concepts of continuity of care distinguishes surgical practice from care provided by technical adequacy alone.
- ✓ Demonstrates the capacity to discuss the impact of ethical, legal, economic, and/or social issues upon an individual patient's care.
- ✓ Demonstrates acquisition of the knowledge necessary to determine whether or not surgical intervention is appropriate with emphasis upon differentiating urgent, acute, and chronic states from one another, manifestations of limb, cerebra, and/or renal ischemia.
- ✓ Demonstrates, particularly for assessment of preoperative diagnostic factors and preoperative preparation, increasing knowledge about vascular surgical disease processes by distinguishing claudication, rest pain, or tissue loss one from another and understanding of the etiology and microbiology of diabetic foot conditions.
- ✓ Demonstrates basic knowledge about standard types of vascular grafts.
- ✓ Demonstrates understanding of the principals involved with specialized testing such as Doppler studies and duplex scans.

Practice-based Learning & 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:

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

Interpersonal and Communication Skills

- ✓ The resident should ensure that the attending is aware of the progress of all patients on the 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 help orient medical students and provide them support as needed for their roles and responsibilities throughout the rotation
- ✓ The resident should teach level-appropriate skills to medical students (e.g. history and physical skills, postoperative patient care, knot-tying)
- ✓ The resident should provide timely feedback and assessments to the clerkship director and medical student supervisor as requested

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 sensitivity to issues of age, race, gender, and religion with patients, family, and members of the healthcare team.
- ✓ 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 on a weekly basis.
- ✓ 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

- ✓ Increasingly incorporate acquired knowledge and assessment of data provided by collaborative interactions with appropriate consultants into all processes contributing to the total care for surgical patients.
- ✓ Implement into surgical patient care knowledge the national standards of care as these features apply to both diagnostic and therapeutic approaches.
- ✓ Demonstrate postoperative and follow-up care knowledge as a mechanism to understand the consequence of surgical therapy, be they positive or negative on the natural history of surgical disease processes.
- ✓ Demonstrate an understanding of the significance of the principles of continuity of care as they relate both to acute episodes requiring hospital therapy and to surgical care occurring in ambulatory settings.
- ✓ Demonstrate a capacity for a self-evaluation of your use of knowledge and skills as the basis for documentation of adequate performance and surgical competence.
- ✓ Uphold the use of ethical, legal, economic, and/or societal issues as these principles are incorporated into the surgical patient's hospital and follow-up care.
- ✓ The resident should be able to assess the risks and benefits of all options for treating patients with surgical illness.
- ✓ The resident should be able to summarize the financial costs, potential complications, and long-term expectations for planned procedures.
- ✓ The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.

Description of Clinical Experiences:

Specific daily responsibilities for the PGY-2 resident include:

- Rounding on assigned patients, examining them daily, and reviewing their plan of care with the senior resident and/or attending surgeon
- Responding to consults, communicating patient history and physical exam to the attending surgeon, communicating plans back to the requesting team and the patient

- Performing operations appropriate to level of training under supervision of attending surgeon
- Taking in-house night call responding to consults and floor issues

Description of Didactic Experiences:

Weekly educational conference
Monthly surgical morbidity and mortality conference

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: