

General Surgery: GI/Laparoscopy

Institution: Vanderbilt University Medical Center

Duration: 7 weeks

Supervising Physician: Jessica Ardila, MD

Contact Information: Jessica.ardila@vumc.org

Year of Training: PGY-4

Educational Objectives:

Introduction to Rotation

We would like to welcome you to the GI/Laparoscopy Service. During your senior level rotations, you will master disorders of the abdominal wall, biliary system, and foregut. Your PGY-4 rotation will expose you to a diverse and busy academic surgery practice.

Patient Care and Procedural Skills:

- ✓ Residents will understand the is preoperative surgical decision making, as many of these operations are performed to improve quality of life.
- ✓ They will gain an understanding on how to take an effective surgical patient history to determine if the operative intervention being considered would be helpful to the patient.
- ✓ They will gain an in-depth understanding and the tools necessary to establish a trusting relationship with patients and families.
- ✓ They will gain expertise in the preoperative workup, intraoperative decision making, and postoperative care of this patient population.
- ✓ They will also gain expertise in working effectively as a team member in the inpatient and outpatient setting to maximize efficient care for patients.
- ✓ They will get significant insight into managing pain in patients with significant preoperative narcotic exposure.
- ✓ Become proficient at cholecystectomy, inguinal and ventral hernia repair, and GI endoscopy

Medical Knowledge:

- ✓ Residents will leave the service with an understanding of the management of simple and complex benign biliary disease
- ✓ Residents will understand complex abdominal wall diseases and how reconstruction options relate to 'core abdominal wall health.'
- ✓ Obtain an in-depth understanding of the Critical View of Safety (CVS) method of anatomic structure identification during laparoscopic cholecystectomy and the steps necessary for its technical performance. In addition, the resident will be expected to understand the intraoperative decision making necessary for safe cholecystectomy in difficult situations when the CVS cannot be achieved.
- ✓ Obtain an in-depth understanding of inguinal hernia management, patient selection, and technical performance of both open and laparoscopic inguinal hernia. An emphasis will be placed on understanding patient selection of either open or laparoscopic approaches, and technical aspects of minimizing chronic pain after inguinal hernia repair.
- ✓ Obtain an in-depth understanding of the technical aspects of abdominal wall reconstruction (AWR) including retromuscular and extraperitoneal techniques to AWR. An emphasis will be placed on patient selection for various techniques and understanding of abdominal wall operative anatomy.
- ✓ Obtain an in-depth understanding of preoperative and postoperative care of the abdominal wall surgery patient. This is done in concert with our colleagues in Anesthesiology, Physical Therapy, and Center for Integrative Health.

Practice-Based Learning and Improvement

- ✓ Write an accurate, detailed, and legible preoperative assessment and counseling note on all 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 patients, families, students, residents, and other health professionals.
- ✓ Incorporate formative evaluation feedback into daily practice.
- ✓ Incorporate quality improvement principles into daily practice.

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 be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.
- ✓ Expected to establish expectations, roles, and responsibilities for junior residents, clerkship students and senior level students rotating on service.
- ✓ Expected to provide routine educational activities to junior residents and students while on service (such as teaching on rounds, chalk-talks, knot-tying, etc.)
- ✓ Expected to provide timely feedback and assessments to the program director, clerkship director and medical student supervisor as requested

Professionalism

- ✓ 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 weekly.
- ✓ Be properly and professionally attired at all times while engaged in patient care.
- ✓ Be properly and professionally groomed at all times when 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 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 the benefit of additional treatment by other services such as plastic surgery, interventional radiology, and orthopedics.
- ✓ The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.
- ✓ The resident should participate in a monthly quality improvement review of surgical complications.

Description of Clinical Experiences:

Specific daily responsibilities of the PGY-4 Resident include:

1. Daily rounds with the GI-Lap surgical team
2. Communication with Dr. Poulouse and other attending staff about patient progress and care plans.
3. Help perform operative and endoscopic cases with Dr. Poulouse and other attending staff.
4. Work and an integral part of Friday clinic with Dr. Poulouse and other attendings as instructed by the GI-Lap Chief resident.
5. Integrate junior residents, medical students, and physician assistant students into daily learning experiences.

Description of Didactic Experiences:

Complex Hernia Conference: This conference is a multidisciplinary meeting held twice per month where complex hernia cases will be discussed, and management strategies will be formed with experts of abdominal wall reconstructions. Conference is held on the 1st, 3rd and 5th Thursday of the month.

Bariatrics Didactics: This conference is held twice a month on the 2nd and 4th Thursday of the month virtually. During this conference the fellow or one of the residents will present a topic previously assigned regarding metabolic and bariatric surgery or foregut surgery. Some sessions will be used to discuss difficult cases or do journal club.

Esophageal Conference: This multidisciplinary conference discusses challenging cases with respect to esophageal and foregut pathology. This conference is a bi-weekly conference based on case load.

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: