

General Surgery (Renal Transplant)

Institution: VCH, VUMC, VAMC

Duration: 6-7 weeks

Supervising Physician: Rachel Forbes

Contact Information:
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Year of Training: PGY 3

Educational Objectives:

The goal is to gain knowledge and experience in the evaluation and management of surgical problems in patients with end stage renal disease.

Practice-Based Learning and 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:

- ✓ 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.

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 in this position will function as a chief resident and have responsibilities on the transplant floor for preoperative evaluation, postoperative management, and inpatient consults. In this role he will supervise the PGYII surgical resident and work collaboratively with the Nephrology Fellow (either general nephrology or transplant nephrology), transplant nurse practitioner, and transplant pharmacist assigned to the service, and to make daily rounds with the on call attending Transplant Surgeon.
- ✓ 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.

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 within 24 hours of duty.

- ✓ 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.

Medical Knowledge and Technical Skills

- ✓ The resident will acquire operative skills necessary to establish access for peritoneal dialysis and vascular access and learn the technical aspects necessary to perform a renal or pancreas transplant; i.e. operative exposure, the vascular anastomoses and ureteroneocystostomy for kidney and enteroenterostomy for enteric drainage of pancreas transplants. The resident will learn the evaluation for and location of dialysis access; recognition and treatment of post-operative complications of dialysis access; and evaluation of potential transplant recipients, with exposure to histocompatibility testing.
- ✓ After transplantation, the resident will acquire knowledge relative to histocompatibility testing, immunologic monitoring, immunosuppressive medication, and learn to recognize, diagnose and treat rejection, as well as diagnose and manage postoperative complications specific to kidney or kidney/pancreas transplantation or living donor nephrectomy.

Description of Clinical Experiences:

The residents are required to spend a 1/2 day in the clinic on Monday at the VA clinic. This clinic gives the residents long-term follow-up on the renal transplant patient. It also establishes follow-up care for the veterans who have had dialysis access. In addition, they see all the pre-operative patients in the clinic and evaluate them for their operation, dialysis access, kidney transplant, or donor nephrectomy. The residents are also required to be in the Vanderbilt Clinic on Tuesday afternoon if they are not in the OR. During this clinic, they also evaluate CKD patients for kidney transplant or dialysis access and healthy patients for donor nephrectomy and follow them post-operatively. Long term follow-up for the patients is provided in the following way: Residents may see long-term access or transplant patients in clinic or in consultation on the medical service. The attendings may inform the individual residents who've scrubbed on the cases if there are any long-term complications, or if there is a particularly difficult patient that does well, the residents are informed on an individual basis.

Description of Didactic Experiences:

The PGY3 will prepare one transplant conference during his/her six week rotation focusing on an interesting case or complication or clinical surgical problem in kidney or pancreas transplantation.

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: