

White General Surgery – Hepatobiliary/Liver Tx

Institution: Vanderbilt University Medical Center

Duration: 6 weeks

Supervising Physician: Dr. Sunil Geevarghese

Contact Information:
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Year of Training: PGY-3

Educational Objectives:

We would like to welcome you to the Hepatobiliary/Liver Transplant Service and hope you will have a rewarding and educational experience. Our goal is to help you gain experience and expertise in the treatment of a variety of hepatobiliary disorders and liver transplant. Listed below are the objectives for the Hepatobiliary/Liver Transplant service.

Medical Knowledge:

- ✓ Evaluation, pre-, intra-, and postoperative management patients with pancreatic and hepatobiliary disease including liver transplantation.
- ✓ Understand hepatobiliary, pancreatic and gastrointestinal anatomy and physiology.
- ✓ Understanding of basic principles of transplant immunology, chronic immunosuppression, and diagnosis and treatment of allograft rejection.
- ✓ Understand management of coagulopathy, hepatic failure, encephalopathy and ascites.

Patient Care and Procedural Skills:

- ✓ Participate in immunosuppression management.
- ✓ Carry out patient management decisions in consultation with PGY-5 and attending transplant surgeon on White service.
- ✓ Able to interpret all laboratory and radiological studies.
- ✓ Perform common intermediate level hepatobiliary procedures and general surgical operations including donor organ procurement procedures.
- ✓ Have basic knowledge of donor harvest concepts
- ✓ Demonstrate ability to assemble Thompson retractor for left upper quadrant procedures.
- ✓ Demonstrate ability to mobilize small bowel mesentery, divide small bowel mesentery, and create a small bowel anastomosis.
- ✓ Demonstrate ability to properly construct a Roux-en-Y anastomosis.
- ✓ Demonstrate ability to close instrument while palming needle holder.

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.

Interpersonal and Communication Skills

- ✓ Participate in student teaching.
- ✓ Demonstrate reliable, honest, good communication skills, and appropriate judgment.
- ✓ 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.

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 within 1 week 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.

Description of Clinical Experiences:

Specific daily responsibilities of the PGY-3 Resident include:

- ✓ Participate in daily rounds.
- ✓ Attend outpatient clinics as assigned (minimum 2 half days per week)
- ✓ Participate in Multidisciplinary Team Rounds (Friday 11am)
- ✓ Participate in student teaching.

Description of Didactic Experiences:

Attend hepatobiliary/liver transplant clinic as assigned, including the equivalent of at least one full day a week, as well as the conferences listed below:

- Hepatobiliary radiology conference (Tuesday afternoon)
- Department of Surgery Morbidity and Mortality Conference, Wednesday @ 6:30am
- Resident Bonus Conference, Wednesday @ 7:30am
- Liver transplant selection conference (Wednesday afternoon)
- Grand Rounds, Friday @ 7:00am
- Resident Teaching Conference, Friday @ 8:00am

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: