

## Transplant and Hepatobiliary Surgery Fellowship Goals, Objectives and Curriculum

### Competency Based Goals and Objectives

1. Patient care: the fellow must be able to provide appropriate and effective treatment of liver, kidney and pancreas disease and organ failure in multiple settings such as outpatient, emergency room, inpatient and the operating room. Operating room settings include organ procurement as well as transplant procedures. Additional experience will be afforded the fellow in hepatobiliary surgical management of benign and malignant diseases of the liver and biliary tree.
2. Medical knowledge
  - a. Pathophysiology: the fellow will master the epidemiology, pathology and other relevant biomedical principles of organ procurement, liver, kidney and pancreas disease, organ failure and hepatobiliary surgery. The ASTS Academic Universe is an online curriculum which includes this material, which taken together with didactic sessions provide the bulk of formal instruction.
  - b. Technical: the fellow will work toward proficiency of technical aspects of these procedures among others:
    - i. Deceased donor multiorgan procurement
    - ii. Donation after cardiac death procurement
    - iii. Living donor nephrectomy, laparoscopic and open
    - iv. Kidney transplant
    - v. Simultaneous kidney-pancreas and pancreas after kidney transplant
    - vi. Liver transplant
    - vii. Liver and biliary resection and reconstruction
3. Practice based learning and improvement: the fellow must demonstrate the ability to respond to feedback on their patient care and commitment to lifelong learning. They will be expected to provide information and demonstrate knowledge of the literature through presentations at Division, Department, and Transplant Center-level clinical and research conferences. They will play an active role in Kidney and Liver Transplant Selection Committees and at Hepatobiliary Conference as well as other conferences of service-based interest (e.g. Multidisciplinary Tumor Board or Vascular Access Case Conference). They will be encouraged to prepare formal presentations for national meetings. They will be required to attend weekly General Surgery M&M, Monthly QAPI, and Quarterly MMPI meetings.

4. Interpersonal and communication skills: the fellow must demonstrate the ability to communicate effectively with patients and families the complex information associated with liver, kidney and pancreas disease, organ failure and hepatobiliary surgery. They must perform collaboratively with healthcare professionals along the whole spectrum of care in providing for the complex needs of the transplant patient, including support staff, OR technicians, scrub, floor and ICU nurses, mid-level providers, social workers, housestaff, consultants, researchers and other faculty. They will be required to supply accurate and timely documentation of clinical activities.
5. Professionalism: the fellow must demonstrate high standards of ethical behavior, compassion and respect, responsiveness to patient needs, respect for patient privacy and autonomy, accountability to patients and colleagues, sensitivity to a diverse patient and staff population including age, race, religion and sexual orientation, and a commitment to continuity of care.
6. Systems based practice: the fellow will demonstrate familiarity with the financial support via Medicare, Medicaid and third-party payors for transplant centers, organ procurement and transplant patient care.