



**ASTS Hepato-Pancreato-Biliary (HPB) Accreditation  
Requirements and Guidelines**

**Objective:**

The objective of the Hepato-Pancreato-Biliary Surgery Accreditation Training Program is to develop proficiency in HPB surgery to Liver Transplant Surgeons. The HPB surgery training is a structured, multidisciplinary training program in the management of patients with surgical diseases of the liver, gallbladder, biliary tract and pancreas. The HPB surgery training will be in conjunction with the liver transplant surgery fellowship. The duration of the HPB surgery training should represent a structured training experience incorporated into the ASTS abdominal transplant surgery fellowship program.

Programs wishing to obtain ASTS accreditation in hepato-pancreato-biliary surgery must meet all the general criteria for ASTS Fellowship Training Accreditation in liver transplantation. The institution must meet the following criteria for HPB Accreditation and can apply for either a hepato-biliary (HB) or hepato-pancreato-biliary (HPB) surgery track:

HB	HPB
<b>Operative Volume Requirements</b>	
50 or more major HB cases per year, consecutively for no less than 2 years	Program must meet all the criteria for the HB program, in addition to:
35 or more major hepatic and gallbladder procedures per year, consecutively for no less than 2 years: <ul style="list-style-type: none"> <li>i. 20 or more major anatomic hepatectomy procedures which involve the resection of 2 or more segments of the liver and include living donor hepatectomy and deceased donor split liver procurement; At least 50% of these major procedures must be non-transplant (non-donor) related cases.</li> <li>ii. Major non-anatomic resection or enucleation (e.g. for symptomatic cystic disease, hemangioma, gallbladder CA and metastatic liver tumors).</li> </ul>	25 or more major non-transplant related pancreatic procedures per year, consecutively for no less than 2 years. These procedures are defined as: <ul style="list-style-type: none"> <li>i. Pancreaticoduodenectomy</li> <li>ii. Total or partial pancreatectomy</li> <li>iii. Pancreatic drainage procedure (puestow, cyst-jejunostomy, etc)</li> </ul>
15 or more complex biliary procedures per year (excluding CBD-CBD anastomosis during liver transplantation), consecutively for no less than 2 years: <ul style="list-style-type: none"> <li>i. Bile duct resection and reconstruction</li> <li>ii. Bile duct reconstruction without resection,</li> </ul>	

<p>i.e. Roux-en-y hepatico-jejunostomy (no more than 5 cases of same-setting OLT and Roux-en-y hepatico-jejunostomy can be credited)</p>	
<p><b>Non- Volumetric Requirements</b></p>	
<p>A. The program must have a multidisciplinary committee that consists of at least the following members (i.e. Multidisciplinary Tumor Board): HPB surgeon (ASTS or AHPBA/IHPBA member), endoscopist, medical oncologist, interventional radiologist, and diagnostic radiologist which meets on a regular basis to assist in management of complicated HPB patients.</p>	
<p>B. The program must provide evidence of a structured educational and training experience in comprehensive, state-of-the-art medical and surgical management of patients with surgical diseases of the liver, gallbladder, biliary tract and pancreas.</p> <ul style="list-style-type: none"> <li data-bbox="316 695 1349 800">i. The program must provide clinical experience in multidisciplinary approach in the investigation, diagnosis, operative and non-operative treatments as well as peri-operative care of HPB patients in both the in-patient and out-patient settings.</li> <li data-bbox="316 837 1349 942">ii. Didactics on HPB surgical diseases that include surgical and non-surgical adjuvant therapies such as chemotherapy, radiation therapy, or ablation (i.e. HPB path conference, seminars, lecture series, journal club, roundtable discussions)</li> </ul>	

In addition, each fellow must meet the following criteria in order to be eligible for an ASTS Certificate of Completion in HPB surgery training:

HB	HPB
<p>Fellow must complete training in an ASTS accredited liver transplant program and meet all the requirements for training certification in liver transplantation.</p>	<p>Fellow must complete training in an ASTS accredited liver transplant program and meet all the requirements for training certification in liver transplantation.</p>
<p>Fellow must regularly participate in multidisciplinary operative and non-operative decision-making process and treatment approaches (i.e. radiofrequency ablation, neoadjuvant/adjuvant therapies) as well as in the perioperative management of patients with diseases of the liver, biliary system, and pancreas preferably in the context of a multidisciplinary conference.</p>	<p>Fellow must regularly participate in multidisciplinary operative and non-operative decision-making process and treatment approaches (i.e. radiofrequency ablation, neoadjuvant/adjuvant therapies) as well as in the perioperative management of patients with diseases of the liver, biliary system, and pancreas preferably in the context of a multidisciplinary conference.</p>
<p>35 major hepatic resections over 24 month fellowship:</p> <ul style="list-style-type: none"> <li data-bbox="219 1738 760 1843">i. 15 hemihepatectomies (no more than 6 liver transplant related hepatectomy procedures can be credited)</li> <li data-bbox="219 1845 737 1869">ii. 15 biliary procedures (no more than 5</li> </ul>	<p>All HB criteria, in addition to:</p> <ul style="list-style-type: none"> <li data-bbox="855 1738 1349 1843">i. 15 non-transplant major pancreatic procedures (defined in the program criteria section)</li> </ul>

same-setting OLT and Roux-en-y hepaticojejunostomy can be credited)	
---	--

**Application Process:**

In order to apply for HB/HPB Accreditation, programs must submit an application and include all the necessary materials which highlight and document the program structure and educational training. Upon application for HPB surgery fellowship accreditation, the institution must indicate whether the HPB surgery/training is structured within a twenty-four month Liver Transplant and/or Multi-organ fellowship, OR an additional twelve month HPB specific fellowship program. Applications are to be submitted as follows:

- For current ASTS-accredited liver transplant fellowship programs, a reaccreditation application must be submitted. The application process will include application review and reaccreditation application fee. All recommendations will be submitted to the ASTS Council for final approval.
- For programs that are not currently accredited by the ASTS, a new program application for both liver transplant and HPB surgery fellowship must be submitted. The application process will include a site visit, application review and new program application fee. All recommendations will be submitted to the ASTS Council for final approval.