

Name of Fellow:

Date:

**5. EPA Title:** Manage complications of cirrhosis

**Detailed Description:** Gastroenterologists diagnose and manage the broad spectrum of liver problems encountered in a typical gastroenterology practice. This includes an understanding and management of the complications of cirrhosis, including portal hypertension and hepatic encephalopathy. Gastroenterologists must be able to recognize when to request consultative services and refer patients for liver transplant evaluation. Separate EPAs cover the management of nutritional aspects of decompensated liver disease and endoscopic management of variceal bleeding.

<b>Knowledge</b>	<ul style="list-style-type: none"> <li>Recognize the complications of cirrhosis, including portal hypertension (ascites, spontaneous bacterial peritonitis, varices), hepatic encephalopathy and hepatorenal syndrome</li> <li>List the indications, contraindications, limitations and complications of diagnostic and therapeutic paracentesis and interpret the results of ascitic fluid analysis</li> <li>Describe appropriate screening and diagnostic strategies for hepatocellular carcinoma</li> <li>Recognize and apply prognostic models (e.g., MELD, CPT)</li> <li>Identify appropriate timing to request specialty consultation on patients with cirrhosis</li> <li>Recognize patients in need of referral for liver transplantation</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>Obtain a relevant history and perform a focused physical examination in patients with decompensated liver disease</li> <li>Order appropriate labs and studies to assess patients with decompensated liver disease</li> <li>Counsel patients about lifestyle modifications and dietary restrictions/recommendations relevant to decompensated liver disease</li> <li>Diagnose and manage patients with cirrhosis, including complications of portal hypertension (ascites, spontaneous bacterial peritonitis, varices), hepatic encephalopathy and hepatorenal syndrome</li> <li>Apply the results of ascitic fluid analysis</li> <li>Screen patients for hepatocellular carcinoma and refer for management</li> <li>Recognize when to refer patients for liver transplant evaluation</li> <li>Assess preoperative risk in patients with cirrhosis</li> <li>Communicate transitions of care effectively with other providers</li> </ul>
<b>Attitudes</b>	<ul style="list-style-type: none"> <li>Work and communicate effectively within an interprofessional team in the management of patients with decompensated liver disease</li> <li>Provide compassionate care and end-of-life counseling to liver patients and their families</li> </ul>

**Check ACGME competencies applicable to EPA**

Patient Care (PC)		<input checked="" type="checkbox"/>
Medical Knowledge (MK)		<input checked="" type="checkbox"/>

Systems-Based Practice (SBP)	<input checked="" type="checkbox"/>
Practice-Based Learning & Improvement (PBLI)	<input type="checkbox"/>
Professionalism (PROF)	<input type="checkbox"/>
Interpersonal & Communication Skills (ICS)	<input checked="" type="checkbox"/>
<b>What subcompetencies are needed to achieve mastery?</b>	
	<b>Approximate Time Frame Trainee Should Achieve Stage</b>
<b>Patient Care (PC):</b> <ul style="list-style-type: none"> <li>• Demonstrates skill in performing and interpreting invasive procedures. (PC4a)</li> <li>• Demonstrates skill in performing and interpreting non-invasive procedures and/or testing (PC4b)</li> <li>• Requests and provides consultative care (PC5)</li> </ul>	
<b>Medical Knowledge (MK):</b> <ul style="list-style-type: none"> <li>• Possesses Clinical knowledge (MK1)</li> <li>• Knowledge of diagnostic testing and procedures (MK2)</li> </ul>	
<b>Systems-Based Practice (SBP):</b> <ul style="list-style-type: none"> <li>• Works effectively within an interprofessional team (e.g., with peers, consultants, nursing, ancillary professionals, and other support personnel) (SBP1).</li> <li>• Transitions patients effectively within and across health delivery systems (SBP4)</li> </ul>	
<b>Practice-Based Learning &amp; Improvement (PBLI):</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	
<b>Professionalism (PROF):</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	
<b>Interpersonal &amp; Communication Skills (ICS):</b> <ul style="list-style-type: none"> <li>• Communicates effectively with patients and caregivers (ICS1)</li> <li>• Communicates effectively in interprofessional teams (e.g., with peers, consultants, nursing, ancillary professionals, and other support personnel) (ICS2).</li> </ul>	
<b>Stage of training at which supervision level 4 is expected to be reached:</b>	

**Potential information sources/assessments to gauge progress**

- Chart stimulated recall.....
- Chart audits.....
- Direct observations.....
- Standardized patient.....
- In-training examination.....
- 360 Global Rating.....
- Patient Survey.....
- Simulation.....
- Portfolios.....
- Other.....

**Basis for formal entrustment decision by the Clinical Competency Committee:**

- Program director.....
- Faculty.....
- Other.....

**Implications of entrustment for the trainee:** Entrustment allows the fellow to independently perform consultation for patients with cirrhosis and its complications in the inpatient and outpatient setting.