MED 891J: Hepatology

Course Director: Heather Simpson, MD
Email: simpsoh@musc.edu

Course Coordinator: Mary Ann Snell
Telephone #: 843-792-7282
Email: snellma@musc.edu

BLOCK	#	BLOCK	#	BLOCK	#	BLOCK	#
Block 1A	1	Block 3A	0	Block 5A	0	Block 7A	0
Block 1B	0	Block 3B	0	Block 5B	0	Block 7B	0
Block 1C	0	Block 3C	0	Block 5C	0	Block 7C	2
Block 2A	0	Block 4A	0	Block 6A	0	Block 8A	2
Block 2B	0	Block 4B	0	Block 6B	0	Block 8B	2
Block 2C	0	Block 4C	0	Block 6C	0	Block 8C	2

COURSE DESCRIPTION:
The course is designed to expose third-year medical students to the diagnosis and management of inpatients and outpatients with liver diseases.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Demonstrate proficiency in assessing patients with liver disease and understanding the components of the history and physical exam that are essential for managing these patients. (MK2, MK3, MK4, PC1, PC2, PC3)
2. Describe the pathophysiology, differential diagnoses, and management of complications that result from cirrhosis and portal hypertension. (MK3, MK4, PC2, PC3)
3. Demonstrate understanding of the timing of referral for liver transplant evaluation by assessing severity of liver disease and short-term prognosis in patients with cirrhosis. (MK4, MK5, PC3, PC4)
4. Demonstrate knowledge of the comprehensive evaluation required of patients undergoing consideration for liver transplantation. (MK5, PC3, SL1, IP1)
5. Identify and describe the indications for and complications of immunosuppressive agents post-transplant. (MK4, PC2, PC3)

INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. Participate in the General Hepatology Clinics. In each clinic, students will be specifically responsible for assessing and formulating a management plan for the patients seen as an Initial Clinic Visit (ICV) in the respective clinics.
2. Round with the Liver Attending on the inpatient service & evaluate patients on the consult service.
3. Observe outpatient endoscopy, to learn the management of patients with esophageal varices.
4. Attend the following Hepatology (and Gastroenterology) didactic conferences: GI Fellows Conference, Liver Biopsy Conference, Liver Imaging and Tumor Board, and Liver Transplant Selection Committee.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. Complications of cirrhosis/portal hypertension: ascites, encephalopathy, variceal bleeding, and spontaneous bacterial peritonitis
2. Complications that occur after liver transplantation: biliary stricture, rejection, opportunistic infections, and complications of immune suppressing meds
3. Complications of alcoholic liver disease, including alcoholic hepatitis
4. Chronic hepatitis C
5. Chronic hepatitis of unclear etiology – namely the evaluation of these patients, including the role of liver biopsy

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods:
1. E*Value Clinical Performance Evaluation.
2. Direct observation of patient care skills by the attending physician, fellows, and residents on service.
3. Attending physicians and fellows will provide students with a verbal evaluation at the end of the rotation.

Will students be expected to participate in call? ☐ YES ☒ NO
No overnight call but some short call. Students will stay until 9:00PM three times during the rotation in order to understand and participate in the afterhours activities that happen on the service.