



Icahn
School of
Medicine at
Mount
Sinai

COURSE INFORMATION SHEET

Title of Course: GI-Liver Pathophysiology

Academic Year: 2017-2018

Duration of Course: 4 weeks

Course Director(s): Steven Itzkowitz, MD
steven.itzkowitz@mountsinai.org
Tele: 212-241-8788
Office: Annenberg 5-12

Associate Director: Noam Harpaz, MD, PhD
noam.harpaz@mountsinai.org
Tele: 212-241-6692
Office: Annenberg 15-38

Course Coordinator: Djeneba Danioko
djeneba.danioko@mssm.edu
Tele: 212-241-2815
Office: Annenberg 13-40

Mission Statement of Course:

The GI-Liver Pathophysiology Course builds upon knowledge of normal anatomy, histology, and physiology from the first year of medical school, to prepare the student to understand disease mechanisms, genetics, epidemiology, pathology, clinical presentation, differential diagnosis, diagnostic approaches, and treatment of digestive diseases.

Goals of Course:

1. To review the anatomy, histology and normal physiology of the digestive tract.
2. To teach the pathophysiology of the GI tract and liver.
3. To explain the gross and microscopic pathology of major diseases of the GI tract and liver.
4. To integrate knowledge of pathophysiology and pathology to understand the presentation, diagnosis, and treatment of digestive diseases.



Icahn
School of
Medicine at
Mount
Sinai

COURSE INFORMATION SHEET

Objectives of Course:

At the end of the course, students will be able to:

1. Apply a basic understanding of the pathophysiological processes that affect specific organs of the digestive system.
2. Identify the gross and microscopic pathological features of digestive diseases.
3. Assess the signs and symptoms of digestive diseases.
4. Evaluate the physical exam findings of diseases that affect the digestive system.
5. Develop differential diagnoses for common digestive diseases.
6. Discuss the impact of the digestive system on overall nutrition.
7. Identify medical and surgical treatment of digestive diseases.
8. Assess gender, ethnic, and cultural issues that pertain to digestive diseases.
9. Discuss the impact of digestive diseases at the local, national, and global levels.
10. Assess how genetic mechanisms discovered through basic science investigation impact the diagnosis, screening, and treatment of digestive diseases.