

GIT & LIVER MODULE

CBL

CASE:

A 56 year old male presented in Emergency Department with altered mental status. Past medical history is significant for jaundice, anorexia and weakness for past few years. He has been constipated for the last week and had two episodes of bloody vomiting in last 3 months. On examination he is afebrile, has sclera icterus with mild jaundice. There are multiple spider nevi on upper abdomen and back. Abdominal exam reveals generalized distension of the abdomen without tenderness. Extremity exam reveals flapping tremors.

Vitals:

Temperature: 98 F

Pulse: 75 bpm

BP: 150/80 mmHg

R/R: 16/min



Learning Objective:

At the end of the case, the student should be able to:

- Explain the gross and microscopic anatomy of liver
- Give the arterial supply of organ involved
- Give the hepatic causes of abdominal distension.
- Explain the mechanism of development of abdominal distension.
- Explain portal hypertension.
- Enumerate the clinical consequences of portal hypertension?

QUESTIONS

Q. 1 What is your diagnosis in this patient?

Q. 2 What is the cause of altered mental status in this patient?

Q. 3 What is the pathophysiologic basis underlying this neurological condition?

Q. 4 What is the cause of distended abdomen?

Q. 5 Explain the mechanism of development of abdominal distension?

Q. 6 Describe the circulatory system of the concerned viscera in this case.

Q.7 Describe the arterial supply of this organ.