

Gastrointestinal Pathophysiology 2006

Gastro. Pathophysiology

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4. Chapter: Gastrointestinal Pathophysiology 2006

1. Gastrointestinal Pathophysiology 2006 Questions

4.1.1. Three days into the hospitalization for an acute illness a CT scan ...

Author: Tamsin Knox

Three days into the hospitalization for an acute illness a CT scan is performed on a 32 year old woman. She initially presented to the emergency room with severe periumbilical

pain, nausea, and vomiting. She denied any alcohol use and was on no medications. She had previously been feeling well. She was treated with intravenous fluids and kept nothing by mouth. An initial ultrasound exam of the abdomen revealed gallstones within

the gallbladder and a mildly dilated common bile duct. Because her symptoms persisted and she developed a fever the CT scan was obtained.

Which of following statements best describes the pathophysiology of this condition?

Please choose only one answer:

- Obstruction of the cystic duct due to gallstones
- Activation of pancreatic enzymes within the pancreas
- Obstruction of the pancreatic duct due to proteinaceous plugs
- Reduction in pancreatic enzyme synthesis and secretion
- Reduction in stimulation of intracellular calcium signaling pathways

Check the answer of this question online at QuizOver.com:

Question: [Three days into the hospitalization for by Dr. Tamsin Knox @Tufts](#)

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Interactive Question:

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4.1.2. A 52 year old man has had heartburn for over 20 years. He reports n...

Author: Tamsin Knox

A 52 year old man has had heartburn for over 20 years. He reports no dysphagia or odynophagia. An upper endoscopy shows no significant hiatal hernia.

Which of the following esophageal motility test findings would you most likely expect to see in this patient?

Please choose only one answer:

- Frequent transient lower esophageal sphincter relaxations
- Elevated resting lower esophageal sphincter pressure
- Reduced resting lower esophageal sphincter pressure
- Infrequent transient lower esophageal sphincter relaxations
- High amplitude peristaltic contractions in the esophageal body

Check the answer of this question online at QuizOver.com:

Question: [A 52 year old man has had heartburn for by Dr. Tamsin Knox @Tufts](#)

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4.1.3. A 46 year old patient is referred for evaluation of abnormal liver ...

Author: Tamsin Knox

A 46 year old patient is referred for evaluation of abnormal liver function tests. The ALT is elevated at 115 U/l. His prior physician informed him that he has chronic hepatitis B

and C. The physician also said that the hepatitis B is inactive (not actively replicating) and therefore medical therapy is not indicated.

Which of the follow sets of viral hepatitis serologies is most likely in this patient?

[table]

;Hepatitis B ;Hepatitis B ;Hepatitis B core ;Hepatitis B e ;Hepatitis B e ;Hepatitis C

;surface antigen; surface antibody; IgM antibody ;antigen ;antibody;antibody

A; Negative; Positive; Positive; Positive; Negative; Positive;

B; Positive; Negative; Positive; Positive; Negative; Positive;

C; Positive; Negative; Negative; Negative; Positive; Positive;

D; Positive; Negative; Negative; Positive; Negative; Positive;

E; Negative; Positive; Negative; Negative; Positive; Negative;

[/table]

Please choose only one answer:

- Negative Positive Positive Positive Negative Positive
- Positive Negative Positive Positive Negative Positive
- Positive Negative Negative Negative Positive Positive
- Positive Negative Negative Positive Negative Positive
- Negative Positive Negative Negative Positive Negative

Check the answer of this question online at QuizOver.com:

Question: [A 46 year old patient is referred for evaluation by Dr. Tamsin Knox](#)

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4.1.4. A barium swallow x-ray on a 55 year old woman is shown below.
Which...

Author: Tamsin Knox

A barium swallow x-ray on a 55 year old woman is shown below.

Which of the following would you most likely expect this patient to have?

Please choose only one answer:

- Dysphagia to solids and liquids
- Dysphagia to liquids
- A hiatal hernia
- A duodenal ulcer
- Esophageal cancer

Check the answer of this question online at QuizOver.com:

Question: [A barium swallow x-ray on a 55 year old by Dr. Tamsin Knox @Tufts](#)

Flashcards:

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4.1.5. A 65 year old woman has primary biliary cirrhosis and is awaiting l...

Author: Tamsin Knox

A 65 year old woman has primary biliary cirrhosis and is awaiting liver transplantation.

She has ascites and spider angiomas on physical examination and large esophageal varices on upper endoscopy.

Which of the following would most likely be decreased?

Please choose only one answer:

- Resistance to blood flow through the liver
- Rate of blood flow through the splanchnic circulation
- Level of vasodilators in the blood
- Hepatic vein pressure gradient
- Peripheral vascular resistance

Check the answer of this question online at QuizOver.com:

Question: [A 65 year old woman has primary biliary by Dr. Tamsin Knox @Tufts](#)

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4.1.6. A 66 year old woman has new symptoms of profuse watery non-bloody d...

Author: Tamsin Knox

A 66 year old woman has new symptoms of profuse watery non-bloody diarrhea. The diarrhea does not improve when oral intake is limited. She has had a 5 pound weight loss.

All stool cultures are negative. Fecal leukocytes are negative. A Sudan stain performed on a stool specimen is negative. Stool electrolytes are checked: stool sodium

concentration is 85mmol/l and stool potassium concentration is 50mmol/l.

Which of the following is the most likely diagnosis?

Please choose only one answer:

- Irritable bowel syndrome
- Chronic pancreatitis
- Carcinoid syndrome
- Ulcerative colitis
- Abuse of lactulose

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [A 66 year old woman has new symptoms of by Dr. Tamsin Knox @Tufts](#)

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4.1.7. A 75 year old man is admitted to the intensive care unit with upper...

Author: Tamsin Knox

A 75 year old man is admitted to the intensive care unit with upper gastrointestinal bleeding. An upper endoscopy is performed urgently after the patient is resuscitated with

intravenous fluids and packed red blood cells. There is a large ulcer in the duodenal bulb with a visible vessel. Endoscopic therapy is applied and the bleeding stops. He is put on intravenous pantoprazole. A rapid urease test on a mucosal biopsy from the gastric antrum is positive.

Which of the following findings would one most likely find in this patient?

Please choose only one answer:

- Reduced gastric acid production
- Parietal cell antibodies
- Normal gastric acid production
- Normal gastric antral mucosa
- Markedly elevated gastrin level after a meal

Check the answer of this question online at QuizOver.com:

Question: [A 75 year old man is admitted to the intensive by Dr. Tamsin Knox](#)

Flashcards:

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Interactive Question:

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4.1.8. A 68 year old woman complains of bright red blood per rectum with e...

Author: Tamsin Knox

A 68 year old woman complains of bright red blood per rectum with extreme pain with defecation. She reports no prior trauma. She had two caesarean sections at the time of the

births of her children over 40 years ago. She has intermittent problems with constipation. She has no other medical history.

Which of the following findings would you most likely see on physical examination?

Please choose only one answer:

- External skin tags
- Scarring from perianal fistulae
- Anal fissure
- Internal hemorrhoids
- Pilonidal cyst

Check the answer of this question online at QuizOver.com:

Question: [A 68 year old woman complains of bright by Dr. Tamsin Knox @Tufts](#)

Flashcards:

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4.1.9. A 65 year old man, on TPN (total parenteral nutrition) for several ...

Author: Tamsin Knox

A 65 year old man, on TPN (total parenteral nutrition) for several months due to an obstructing esophageal cancer, complains of intermittent episodes of severe right upper

quadrant abdominal pain radiating to the right shoulder. These episodes are associated with nausea and vomiting. A right upper quadrant ultrasound shows a few small

gallstones and sludge in the gallbladder. His serum cholesterol level is 290 mg/dl (normal < 200mg/dl).

The most likely predisposing factor for this patient's sludge and gallstones is which of the following?

Please choose only one answer:

- TPN
- Gender
- Dehydration
- Serum cholesterol level
- Esophageal cancer

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [A 65 year old man on TPN total parenteral by Dr. Tamsin Knox @Tufts](#)

Flashcards:

<http://www.quizover.com/flashcards/a-65-year-old-man-on-tpn-total-parenteral-by-dr-tamsin-knox-tufts?pdf=1505>

Interactive Question:

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4.1.10. A 25 year old man has had intermittent diarrhea for the past year. ...

Author: Tamsin Knox

A 25 year old man has had intermittent diarrhea for the past year. Over the past 3 months

his diarrhea has increased in frequency and he is waking at night to move his bowels.

Lately he has noted blood in the stool with some mucus. He has quite a bit of urgency to

move his bowels and notes that the volume of stool output is quite small. He denies

significant abdominal pain except for some mild left lower quadrant discomfort

associated with a bowel movement. His physical examination is normal. He has no fever.

His serum ASCA (anti-saccharomyces cereversiae antibody) level is undetectable and

pANCA (peri-nuclear antineutrophil cytoplasmic antibody) level is elevated.

Which of the following is the most likely colonoscopic finding?

Please choose only one answer:

- Normal rectum
- Deep ulcers in the colon
- Normal vascular markings
- Diffuse and circumferential pinpoint ulcers in the colon
- Pinpoint ulcers in ileum

Check the answer of this question online at QuizOver.com:

Question: [A 25 year old man has had intermittent diarrhea by Dr. Tamsin Knox](#)

Flashcards:

<http://www.quizover.com/flashcards/a-25-year-old-man-has-had-intermittent-diarrhea-by-dr-tamsin-knox?pdf=1505>

Interactive Question:

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4.1.11. You are evaluating a 29 year old physician for constipation. Her ph...

Author: Tamsin Knox

You are evaluating a 29 year old physician for constipation. Her physical examination including ano-rectal exam is normal. Thyroid testing and serum calcium levels are normal. A colonoscopy is normal. You make a diagnosis of constipation-predominant irritable bowel syndrome. The patient has minimal response to bulk forming agents and osmotic laxatives. You recommend beginning tegaserod. The patient asks how this drug works.

Which of the following is the best description of the mechanism of action of tegaserod?

Please choose only one answer:

- It stimulates 5-HT₃ receptors
- It stimulates nitric oxide containing neurons
- It inhibits acetylcholine containing neurons
- It inhibits water absorption in the colon
- It stimulates 5-HT₄ receptors

Check the answer of this question online at QuizOver.com:

Question: [You are evaluating a 29 year old physician by Dr. Tamsin Knox @Tufts](#)

Flashcards:

<http://www.quizover.com/flashcards/you-are-evaluating-a-29-year-old-physician-by-dr-tamsin-knox-tufts?pdf=1505>

Interactive Question:

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4.1.12. A 44 year old man is awaiting liver transplantation for chronic hep...

Author: Tamsin Knox

A 44 year old man is awaiting liver transplantation for chronic hepatitis C induced

cirrhosis. He has ascites, esophageal varices, and intermittent problems with hepatic

encephalopathy. His recent blood tests are as follows:

ALT 76 U/l

AST 35 U/l

Alkaline phosphatase 105 U/l

Total bilirubin 4.5 mg/dl

Direct bilirubin 3.8 mg/dl

Prothrombin time 20 seconds (INR 1.8)

Platelet count 55,000

Albumin 3.2

Which of the following sets of blood tests provides the best assessment of this

patients liver synthetic function?

Please choose only one answer:

- Platelet count and total bilirubin
- Prothrombin time and albumin
- Prothrombin time and alkaline phosphatase
- Prothrombin time and total bilirubin
- Albumin and AST
- Albumin and ALT

Check the answer of this question online at QuizOver.com:

Question: [A 44 year old man is awaiting liver transplantation by Dr. Tamsin](#)

Flashcards:

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4.1.13. A 65 year old man presents with periumbilical abdominal pain which ...

Author: Tamsin Knox

A 65 year old man presents with periumbilical abdominal pain which often radiates to the back. The pain has been present intermittently for over 3 years. Approximately 5 years ago he stopped drinking alcohol heavily. He used to drink two six-packs of beer daily, more on weekends. His physical exam is unremarkable. An abdominal CT scan reveals occasional small pancreatic calcifications. An endoscopic retrograde cholangiopancreatography shows a dilated, irregular pancreatic duct with dilated side branches.

Which of the following tests will most likely be abnormal in this patient?

Please choose only one answer:

- Lactulose hydrogen breath test
- Helicobacter pylori serology
- Fecal elastase
- Fecal leukocytes
- Vitamin C level

Check the answer of this question online at QuizOver.com:

Question: [A 65 year old man presents with periumbilical by Dr. Tamsin Knox](#)

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4.1.14. You are counseling a 14 year old boy, recently diagnosed with ulcer...

Author: Tamsin Knox

You are counseling a 14 year old boy, recently diagnosed with ulcerative colitis, and his parents about long-term complications of the disease. A colonoscopy revealed inflammation throughout the entire colon.

Which of the following complications is this patient most at risk for?

Please choose only one answer:

- Adenocarcinoma of the colon
- Peri-anal fistulae
- Colonic stricture
- Bile acid induced diarrhea
- Gallstones

Check the answer of this question online at QuizOver.com:

Question: [You are counseling a 14 year old boy recently by Dr. Tamsin Knox](#)

Flashcards:

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4.1.15. Which of the following tests will most accurately confirm your clin...

Author: Tamsin Knox

The following case presentation is for questions 15 and 16:

A 55 year old woman with scleroderma has, in addition to complaints of dysphagia to solids and liquids, a one year history of non-bloody diarrhea. She has additional symptoms of abdominal gas and bloating. She has lost approximately 10 lbs. In evaluating her dysphagia an upper gastrointestinal series with barium is performed and the radiologist gives more barium to allow examination of the small intestine. The small intestinal portion of the test is remarkable for several small bowel diverticula. You suspect her diarrheal symptoms are due to small intestinal bacterial overgrowth syndrome.

Which of the following tests will most accurately confirm your clinical suspicions?

Please choose only one answer:

- Aspiration of gastric contents at the time of upper endoscopy
- Aspiration of terminal ileal contents at the time of colonoscopy
- Sudan stain on a stool specimen
- Lactulose breath test
- Fecal osmotic gap
- Fecal chymotrypsin level

Check the answer of this question online at QuizOver.com:

Question: [Which of the following tests will most accurately case presentation](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-tests-will-most-accurately-case-presentation?pdf=1505>

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4.1.16. This patient has an abnormal bone density study. A vitamin D level ...

Author: Tamsin Knox

The following case presentation is for questions 15 and 16:

A 55 year old woman with scleroderma has, in addition to complaints of dysphagia to solids and liquids, a one year history of non-bloody diarrhea. She has additional symptoms of abdominal gas and bloating. She has lost approximately 10 lbs. In evaluating her dysphagia an upper gastrointestinal series with barium is performed and the radiologist gives more barium to allow examination of the small intestine. The small intestinal portion of the test is remarkable for several small bowel diverticula. You suspect her diarrheal symptoms are due to small intestinal bacterial overgrowth syndrome.

What is the most likely pathophysiologic mechanism that explains why vitamin D is malabsorbed in this patient?

This patient has an abnormal bone density study. A vitamin D level is checked and it is low.

Please choose only one answer:

- Excess bacteria cause rapid intestinal motility
- Bile acids are not appropriately reabsorbed
- Excess bacteria cause mucosal damage
- Pancreatic enzymes are inactive in the presence of excess bacteria
- Bile acids are deconjugated in the intestinal lumen

Check the answer of this question online at QuizOver.com:

Question: [This patient has an abnormal bone density The following case presentation](#)

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4.1.17. A 32 year old woman presents to the emergency room with severe epig...

Author: Tamsin Knox

A 32 year old woman presents to the emergency room with severe epigastric and right upper quadrant pain 3 hours after eating a large cheeseburger. The pain occasionally radiates to her right flank and right back. She has a low grade temperature and is tender to palpation in the right upper quadrant of the abdomen. Her lab tests are as follows:

ALT: 44 U/l

AST: 25 U/l

Total bilirubin: 1.3 mg/dl

Alkaline phosphatase: 100 U/l

White blood cell count: 14, 500

Amylase: 67 U/l

Lipase: 55 U/l

The most likely explanation for this patient's symptoms is:

Please choose only one answer:

- Acute cholecystitis
- Acute peptic ulcer disease
- Acute pancreatitis
- Acute alcoholic hepatitis
- Acute hepatitis B

Check the answer of this question online at QuizOver.com:

Question: [A 32 year old woman presents to the emergency by Dr. Tamsin Knox](#)

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Interactive Question:

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4.1.18. A 48 year old man is seen by his primary care physician because of ...

Author: Tamsin Knox

A 48 year old man is seen by his primary care physician because of persistent epigastric pain and nausea for the past month. He has had no vomiting or signs of gastrointestinal bleeding. He denies heartburn. He takes 8 ibuprofen daily for arthritic complaints. A urea breath test is negative. An upper endoscopy reveals multiple small ulcers in the gastric antrum. Biopsies are negative for malignancy. The patient is placed on omeprazole and his symptoms resolve. A repeat upper endoscopy 6 weeks later shows healing of the ulcers.

Which of the following best explains the pathophysiologic mechanism behind the development of ulcers in this patient?

Please choose only one answer:

- H.pylori colonization of the gastric antrum
- Reduced blood supply to the stomach
- Inhibition of prostaglandin synthesis
- Absent gastric acid secretion
- Markedly elevated gastrin levels

Check the answer of this question online at QuizOver.com:

Question: [A 48 year old man is seen by his primary Dr. Tamsin Knox @Tufts University](#)

Flashcards:

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4.1.19. A 45 year old woman comes to your office distressed over a letter s...

Author: Tamsin Knox

A 45 year old woman comes to your office distressed over a letter she received from the Red Cross. She went to donate blood but was informed that her liver function tests were elevated and a hepatitis C antibody was positive. She asks several questions about hepatitis C.

Which of the following statements best describes hepatitis C infection?

Please choose only one answer:

- A self-limited infection that resolves spontaneously
- The hepatitis C antibody is protective providing immunity
- Most patients will not develop chronic infection
- The most common mode of transmission is through injection drug use
- It may be transmitted by contaminated food or water
- Approximately 60% of patients will develop cirrhosis

Check the answer of this question online at QuizOver.com:

Question: [A 45 year old woman comes to your office by Dr. Tamsin Knox @Tufts](#)

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4.1.20. A 67 year old woman is admitted to the hospital due to progressive ...

Author: Tamsin Knox

A 67 year old woman is admitted to the hospital due to progressive abdominal distension

and peripheral edema. Physical examination reveals bulging flanks and shifting dullness.

An abdominal ultrasound confirms the presence of ascites. A paracentesis is performed.

The serum-ascites albumin gradient (serum albumin-ascitic fluid albumin) is calculated to be 0.8.

Which of the following is the most likely explanation for the ascites in this patient?

Please choose only one answer:

- Alcohol induced cirrhosis
- Cancer of the peritoneum (peritoneal carcinomatosis)
- Congestive heart failure
- Budd-Chiari syndrome
- Hepatitis B cirrhosis

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [A 67 year old woman is admitted to the hospital by Dr. Tamsin Knox](http://www.quizover.com/question/a-67-year-old-woman-is-admitted-to-the-hospital-by-dr-tamsin-knox)

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Interactive Question:

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4.1.21. A 22 year old man admitted to the intensive care unit with fulminan...

Author: Tamsin Knox

For each patient with jaundice, select the most likely diagnosis:

A 22 year old man admitted to the intensive care unit with fulminant hepatic failure. He has a history of depression and intravenous drug use. His ALT is 1200 and his AST is 2500. His hepatitis C RNA is undetectable, hepatitis A IgM is negative, and hepatitis B core IgM is negative.

Please choose only one answer:

- Drug induced hepatitis
- Gilbert's syndrome
- Pancreatic cancer with obstruction of the common bile duct
- Acute hepatitis B
- Acute alcoholic hepatitis
- Autoimmune hemolytic anemia
- Autoimmune hepatitis
- Advanced cirrhosis due to hepatitis C
- Ischemic hepatitis
- Cholelithiasis

Check the answer of this question online at QuizOver.com:

Question: [A 22 year old man admitted to the intensive For each patient with](#)

Flashcards:

<http://www.quizover.com/flashcards/a-22-year-old-man-admitted-to-the-intensive-for-each-patient-with?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-22-year-old-man-admitted-to-the-intensive-for-each-patient-with?pdf=1505>

4.1.22. A 48 year old woman complains of fatigue due to a recent viral upper...

Author: Tamsin Knox

For each patient with jaundice, select the most likely diagnosis:

A 48 year old woman complains of fatigue due to a recent viral upper respiratory infection. Her total bilirubin is 6.2 mg/dl and the direct bilirubin is 1.9mg/dl. Her hemoglobin level is normal.

Please choose only one answer:

- Drug induced hepatitis
- Gilbert's syndrome
- Pancreatic cancer with obstruction of the common bile duct
- Acute hepatitis B
- Acute alcoholic hepatitis
- Autoimmune hemolytic anemia
- Autoimmune hepatitis
- Advanced cirrhosis due to hepatitis C
- Ischemic hepatitis
- Choledocholithiasis

Check the answer of this question online at QuizOver.com:

Question: [A 48 year old woman complains of fatigue For each patient with jaundice](#)

Flashcards:

<http://www.quizover.com/flashcards/a-48-year-old-woman-complains-of-fatigue-for-each-patient-with-jaundic?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-48-year-old-woman-complains-of-fatigue-for-each-patient-with-jaundic?pdf=1505>

4.1.23. A 58 year old comes to the emergency room because his wife noted th...

Author: Tamsin Knox

For each patient with jaundice, select the most likely diagnosis:

A 58 year old comes to the emergency room because his wife noted that he looked yellow. His Alkaline phosphatase is 88 U/l, ALT is 75 U/l, AST is 170 U/l, prothrombin time is slightly prolonged, albumin is 4.2 g/dl.

Please choose only one answer:

- Drug induced hepatitis
- Gilbert's syndrome
- Pancreatic cancer with obstruction of the common bile duct
- Acute hepatitis B
- Acute alcoholic hepatitis
- Autoimmune hemolytic anemia
- Autoimmune hepatitis
- Advanced cirrhosis due to hepatitis C
- Ischemic hepatitis
- Choledocholithiasis

Check the answer of this question online at QuizOver.com:

Question: [A 58 year old comes to the emergency room For each patient with jaundice](#)

Flashcards:

<http://www.quizover.com/flashcards/a-58-year-old-comes-to-the-emergency-room-for-each-patient-with-jaundi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-58-year-old-comes-to-the-emergency-room-for-each-patient-with-jaundi?pdf=1505>

4.1.24. An 82 year old woman comes to the emergency room because her daught...

Author: Tamsin Knox

For each patient with jaundice, select the most likely diagnosis:

An 82 year old woman comes to the emergency room because her daughter noted that she was yellow. The patient has no complaints including no abdominal pain or fever. Her ALT is 78 U/l, AST is 80 U/l, Alkaline phosphatase is 750 U/l.

Please choose only one answer:

- Drug induced hepatitis
- Gilbert's syndrome
- Pancreatic cancer with obstruction of the common bile duct
- Acute hepatitis B
- Acute alcoholic hepatitis
- Autoimmune hemolytic anemia
- Autoimmune hepatitis
- Advanced cirrhosis due to hepatitis C
- Ischemic hepatitis
- Cholelithiasis

Check the answer of this question online at QuizOver.com:

Question: [An 82 year old woman comes to the emergency For each patient with](#)

Flashcards:

<http://www.quizover.com/flashcards/an-82-year-old-woman-comes-to-the-emergency-for-each-patient-with?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/an-82-year-old-woman-comes-to-the-emergency-for-each-patient-with?pdf=1505>

4.1.25. A 21 year old man with fever, right lower quadrant abdominal pain, ...

Author: Tamsin Knox

A 21 year old man with fever, right lower quadrant abdominal pain, and a palpable fullness in the right lower quadrant.

Please choose only one answer:

- Ulcerative colitis
- Crohn's disease
- Small intestinal bacterial overgrowth syndrome
- Irritable bowel syndrome
- Chronic pancreatitis
- Celiac sprue
- Carcinoid syndrome
- Lactose intolerance
- Clostridium difficile colitis
- Zollinger-Ellison syndrome

For each patient with non-bloody diarrhea, select the most likely diagnosis:

Check the answer of this question online at QuizOver.com:

Question: [A 21 year old man with fever right lower by Dr. Tamsin Knox @Tufts](#)

Flashcards:

<http://www.quizover.com/flashcards/a-21-year-old-man-with-fever-right-lower-by-dr-tamsin-knox-tufts?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-21-year-old-man-with-fever-right-lower-by-dr-tamsin-knox-tufts?pdf=1505>

4.1.26. A 28 year old woman with weight loss, bloating, iron deficiency, an...

Author: Tamsin Knox

A 28 year old woman with weight loss, bloating, iron deficiency, and osteopenia. A lactulose breath test is negative and tissue transglutaminase antibodies are elevated.

Please choose only one answer:

- Ulcerative colitis
- Crohn's disease
- Small intestinal bacterial overgrowth syndrome
- Irritable bowel syndrome
- Chronic pancreatitis
- Celiac sprue
- Carcinoid syndrome
- Lactose intolerance
- Clostridium difficile colitis
- Zollinger-Ellison syndrome

For each patient with non-bloody diarrhea, select the most likely diagnosis:

Check the answer of this question online at QuizOver.com:

Question: [A 28 year old woman with weight loss bloating by Dr. Tamsin Knox](#)

Flashcards:

<http://www.quizover.com/flashcards/a-28-year-old-woman-with-weight-loss-bloating-by-dr-tamsin-knox?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-28-year-old-woman-with-weight-loss-bloating-by-dr-tamsin-knox?pdf=1505>

4.1.27. A 40 year old man with ulcers in the distal duodenum and severe hea...

Author: Tamsin Knox

A 40 year old man with ulcers in the distal duodenum and severe heartburn.

Please choose only one answer:

- Ulcerative colitis
- Crohn's disease
- Small intestinal bacterial overgrowth syndrome
- Irritable bowel syndrome
- Chronic pancreatitis
- Celiac sprue
- Carcinoid syndrome
- Lactose intolerance
- Clostridium difficile colitis
- Zollinger-Ellison syndrome

For each patient with non-bloody diarrhea, select the most likely diagnosis:

Check the answer of this question online at QuizOver.com:

Question: [A 40 year old man with ulcers in the distal by Dr. Tamsin Knox @Tufts](#)

Flashcards:

<http://www.quizover.com/flashcards/a-40-year-old-man-with-ulcers-in-the-distal-by-dr-tamsin-knox-tufts?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-40-year-old-man-with-ulcers-in-the-distal-by-dr-tamsin-knox-tufts?pdf=1505>

4.1.28. A 55 year old with a long history of alcohol abuse and prior surger...

Author: Tamsin Knox

A 55 year old with a long history of alcohol abuse and prior surgery for ischemic small bowel with an anastomosis between proximal ileum and ascending colon. Fecal fat concentration measured on a specimen collected over 72 hours is elevated. A d-xylose test and glucose breath test are normal.

Please choose only one answer:

- Ulcerative colitis
- Crohn's disease
- Small intestinal bacterial overgrowth syndrome
- Irritable bowel syndrome
- Chronic pancreatitis
- Celiac sprue
- Carcinoid syndrome
- Lactose intolerance
- Clostridium difficile colitis
- Zollinger-Ellison syndrome

For each patient with non-bloody diarrhea, select the most likely diagnosis:

Check the answer of this question online at QuizOver.com:

Question: [A 55 year old with a long history of alcohol by Dr. Tamsin Knox](#)

Flashcards:

<http://www.quizover.com/flashcards/a-55-year-old-with-a-long-history-of-alcohol-by-dr-tamsin-knox?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/a-55-year-old-with-a-long-history-of-alcohol-by-dr-tamsin-knox?pdf=1505>

4.1.29. 69 year old man with progressive dysphagia to solids and liquids. A...

Author: Tamsin Knox

For each patient with dysphagia, select the most likely esophageal motility findings:

69 year old man with progressive dysphagia to solids and liquids. A barium study reveals a dilated esophagus with a “bird’s beak” appearance to the very distal esophagus.

Please choose only one answer:

- Low baseline lower esophageal sphincter (LES) pressure
- Normal peristalsis in the esophageal body
- Simultaneous high amplitude contractions of the esophageal body
- Frequent transient LES relaxations
- Low upper esophageal sphincter pressure
- Elevated upper esophageal sphincter pressure
- Lack of LES relaxation with swallowing
- Normal LES relaxation with swallowing

Check the answer of this question online at QuizOver.com:

Question: [69 year old man with progressive dysphagia For each patient select](#)

Flashcards:

<http://www.quizover.com/flashcards/69-year-old-man-with-progressive-dysphagia-for-each-patient-select?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/69-year-old-man-with-progressive-dysphagia-for-each-patient-select?pdf=1505>

4.1.30. 75 year old woman with severe chest pain which has prompted two eme...

Author: Tamsin Knox

For each patient with dysphagia, select the most likely esophageal motility findings:

75 year old woman with severe chest pain which has prompted two emergency room visits. Cardiac testing is unrevealing.

Please choose only one answer:

- Low baseline lower esophageal sphincter (LES) pressure
- Normal peristalsis in the esophageal body
- Simultaneous high amplitude contractions of the esophageal body
- Frequent transient LES relaxations
- Low upper esophageal sphincter pressure
- Elevated upper esophageal sphincter pressure
- Lack of LES relaxation with swallowing
- Normal LES relaxation with swallowing

Check the answer of this question online at QuizOver.com:

Question: [75 year old woman with severe chest pain For each patient dysphagia](#)

Flashcards:

<http://www.quizover.com/flashcards/75-year-old-woman-with-severe-chest-pain-for-each-patient-dysphagia?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/75-year-old-woman-with-severe-chest-pain-for-each-patient-dysphagia?pdf=1505>