

Q. A 45-year-old patient presents with hemoptysis, weight loss, and persistent cough. What is the most likely diagnosis?

- a) Tuberculosis
- b) Lung cancer
- c) Bronchitis
- d) Pneumonia

Q. A patient with a history of breast cancer underwent cobalt-60 radiotherapy and now faces respiratory distress with haziness in her left lung. What is the most likely cause?

- a) Pneumonia
- b) Radiation pneumonitis
- c) Pulmonary embolism
- d) Bronchitis

Q. What is the primary use of imaging modality in the staging of esophageal cancer?

- a) PET scan
- b) CT scan
- c) MRI
- d) X-ray

Q. A 4-year-old boy presents with complaints of melena, containing gastric mucosa, and acute intermittent pain in the right iliac region. What is the possible cause?

- a) Appendicitis
- b) Meckel's diverticulum
- c) Intussusception
- d) Peptic ulcer

Q. A female patient has burns on the chest, abdomen, part of one leg, and arm, with other parts spared. What is the total area of the burn?

- a) 10-15%
- b) 15-20%
- c) 20-30%
- d) 30-40%

Q. A 65-year-old male with a history of smoking presents with a persistent cough and weight loss. A chest X-ray reveals a mass in the right lung. What is the first imaging modality to evaluate the mass further?

- a) Chest CT scan

- b) PET scan
- c) MRI
- d) Barium swallow

Q. A patient with grade 4 hemorrhoids underwent surgery. Which instrument is used in this procedure?

- a) Hemorrhoid band kit
- b) Endoscope
- c) Colonoscope
- d) Biopsy needle

Q. A 58-year-old male with a history of alcohol abuse presents with upper abdominal pain, jaundice, and dark urine. Imaging reveals hepatomegaly and a dilated common bile duct. What is the likely diagnosis?

- a) Acute pancreatitis
- b) Cirrhosis
- c) Cholecystitis
- d) Cholangiocarcinoma

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Q. A 70-year-old patient with absolute constipation and abdominal distension is likely to have?

- a) Ileus
- b) Appendicitis
- c) Sigmoid volvulus
- d) Colorectal cancer