

Q. A patient was referred by a doctor to a radiologist for a CT scan and the doctor was given money for the referral. What is this unethical act called?

1. Dichotomy
2. Medical maloccurrence
3. Criminal negligence
4. Commission

Correct Answer: Dichotomy

Q. After 72 hours of Cessation of alcohol, which of the following withdrawal symptoms can be seen in alcoholic patients?

1. Seizures
2. Delirium tremens
3. Tremors
4. Hallucinations

Correct Answer: Delirium tremens

Q. Which of the following statements is incorrect regarding vasectomy?

1. The procedure is done under local anesthesia
2. Sterility is achieved 3 weeks after the procedure
3. A no-scalpel technique is being widely used now
4. The vas deferens is the structure that is divided in the procedure

Correct Answer: Sterility is achieved 3 weeks after the procedure

Q. A 27-year-old woman presented with a malodorous discharge in the vagina which started a week earlier. On examination, Whiff's test is positive and the gram stain shows the presence of clue cells. This infection is commonly treated with which of the following?

1. Metronidazole
2. Nystatin pessary
3. Tetracycline
4. Azithromycin

Correct Answer: Metronidazole

Q. The number of maternal deaths per 100,000 live births is called—

1. Maternal mortality rate
2. Maternal mortality ratio

3. Infant mortality rate
4. Perinatal mortality rate

Correct Answer: Perinatal mortality rate

Q. A patient from a North-Eastern state was diagnosed to have an infection with *P. Falciparum* malaria. What is the most appropriate treatment for this patient?

1. Artemether plus lumefantrine
2. Sulfadoxine plus pyrimethamine
3. Chloroquine
4. Mefloquine

Correct Answer: Artemether plus lumefantrine

Q. Vitamin K supplementation is given to neonates to prevent__.

1. Breast milk jaundice
2. Hemorrhagic disease of the newborn
3. Keratomalacia
4. Scurvy

Correct Answer: Hemorrhagic disease of the newborn

Q. Which is correct about ABO and Rh incompatibility leading to Erythroblastosis fetalis?

1. Cytotoxic
2. Cell mediated hypersensitivity
3. Antigen-antibody reaction
4. Immune complex

Correct Answer: Cytotoxic

Q. A patient presents with severe pain and swelling in his knee joint for 10 days. He also complains of pain and discomfort during urination. He says that he had diarrhea one month ago and he has been unwell since then. What is the most likely diagnosis?

1. Reactive arthritis
2. Enteropathic arthritis
3. Rheumatoid arthritis
4. Psoriasis arthritis

Correct Answer: Reactive arthritis

Q. A resident is evaluating a patient, who presented with acute onset of chest pain and dyspnea, for pulmonary embolism. Which of the following imaging tests should be performed to confirm this diagnosis?

1. Doppler echocardiography
2. CT pulmonary angiography
3. Ventilation-perfusion scan of lungs
4. MR pulmonary angiography

Correct Answer: CT pulmonary angiography

Q. Which of the following conditions will shift the oxygen-Hb dissociation curve to the left?

1. Hypoxia
2. Hypocarbica
3. Alkalosis
4. Increase in 2,3-DPG

Correct Answer: Alkalosis

Q. Following complete ileal and partial jejunal resection, the patient is most likely to have—

1. Folic acid deficiency
2. Vitamin B12 Deficiency
3. Gastric ulcer
4. Constipation

Correct Answer: Vitamin B12 Deficiency

Q. 43-year-old presents to the emergency department accompanied by police. He came to the police station accusing his daughter of wanting to kill him. The police investigating the family and the neighbors understood that it was a false accusation. His physical examination is not remarkable. What is the most likely diagnosis here?

1. Delusional disorder
2. Illusions
3. Cotard syndrome
4. Hallucinations

Correct Answer: Delusional disorder

Q. A patient stopped alcohol consumption for 3 days and presented with irritability, disorientation, paranoid delusions, agitation, visual hallucinations, and altered sensorium. What is the likely diagnosis in this case?

1. Delirium tremens
2. Wernicke's encephalopathy
3. Korsakoff psychosis
4. Alcohol-induced psychosis

Correct Answer: Delirium tremens

Q. A 9-year-old boy is brought to the hospital with complaints of pain and limping. The symptoms started 6 months back and gradually worsened. The child appears to be healthy with normal height and weight. On examination, there is mild wasting on the right side, abduction (especially in flexion), and internal rotation is limited due to pain. Which of the following is the most likely diagnosis?



1. DDH (developmental dysplasia of hip)
2. Slipped capital femoral epiphysis
3. Perthes disease
4. Congenital coxa vara

Correct Answer: Perthes disease

Q. A young male who had a road traffic accident is brought to the emergency department. His left leg is shortened, internally rotated, and adducted. On examination, femoral artery pulsation is not felt. A plain radiograph of his was taken which is shown below. What is your diagnosis?



1. Intertrochanteric fracture of the femur
2. Fracture neck of femur with injury to femoral vessels
3. Anterior dislocation of hip with femoral artery injury
4. Posterior dislocation of hip

Correct Answer: Anterior dislocation of hip with femoral artery injury

Q. Which of the following medications is safe for pregnancy-induced hypertension?

1. Lisinopril
2. Propranolol
3. Alpha methyldopa
4. Losartan

Correct Answer: Alpha methyldopa

Q. A 45-year-old obese lady with diabetes was managed with oral hypoglycemic agents. She now presents to the casualty with a hypoglycemic episode. Which of the following drugs is most likely responsible for her hypoglycemic episode?

1. Metformin
2. Pioglitazone
3. Sitagliptin
4. Glimepiride

Correct Answer: Glimepiride

Q. A young lady presented to the ENT OPD with a history of sudden onset unilateral hearing loss, tinnitus, and dizziness following an episode of acute otitis media two weeks back. Rinne test and fistula test were positive. She had refused treatment then and currently came with complaints of worsened hearing loss in the affected ear. On examination, the fistula test was negative. What would be the most likely finding on the Rinne test in this scenario?

1. True positive
2. True negative
3. False positive
4. False negative

Correct Answer: False negative

Q. A worried mother brought her 6-year-old unimmunized child to the ER with complaints of fever, cough and shortness of breath. On examination, a pseudo membrane was noted over the tonsils which bleed on trying to remove and a bull-neck appearance of the neck. Which of the following is the most likely diagnosis?

1. Infectious mononucleosis
2. Tonsillitis
3. Diphtheria
4. Candidiasis

Correct Answer: Diphtheria

Q. While doing a subclavian venous catheterization, the patient suddenly desaturated, and on examination of the chest, there was hyper resonance in the apical area of the right lung. What is the most likely diagnosis here?

1. Arterial puncture
2. Pneumothorax
3. Cardiac tamponade
4. Chylothorax

Correct Answer: Arterial puncture

Q. The mask given below works on which of the following principles?



1. Bohr effect
2. Boyle's principle
3. Bernoulli principle
4. Mapleson's circuit

Correct Answer: Bernoulli's principle

Q. A 7-year-old intellectually disabled boy was brought with large warty crusts on the trunk, hands, and feet as shown below. Severe fissuring and scaling of the skin are present over the soles. What is the possible diagnosis?



1. Scabies incognito
2. Animal scabies
3. Nodular scabies

4. Norwegian scabies

Correct Answer: Norwegian scabies

Q. Which of the following features are not associated with the condition shown in the image below?

1. Wickham's striae
2. Epidermal acanthosis
3. Munro microabscess
4. Colloid bodies

Correct Answer: Munro microabscess

Q. A 23-year-old woman presents to the surgery out-patient with a left-sided breast lump which she noticed on a self-breast examination 3 weeks ago. She has no other complaints. On palpation, the lump seems to be mobile and firm. Mammogram revealed a benign lesion. What is the best next step in management?

1. Biopsy
2. Reassurance and follow-up
3. Surgical excision
4. Start Tamoxifen

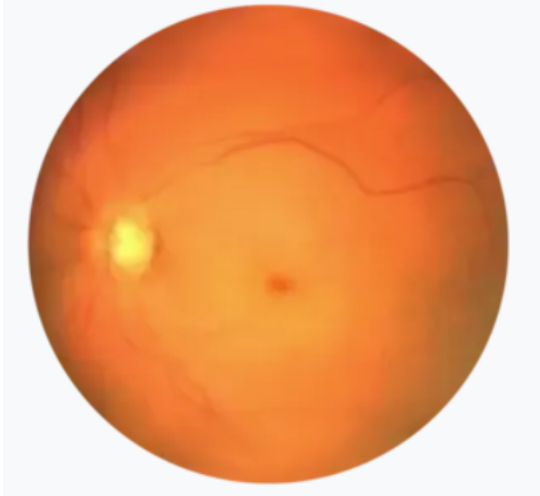
Correct Answer: Reassurance and follow-up

Q. An 80-year-old man developed right-sided calf muscle pain and swelling. He was bedridden following a right intertrochanteric fracture. What is the most likely diagnosis?

1. Chronic osteomyelitis
2. Deep vein thrombosis
3. Compartment Syndrome
4. Arterial claudication

Correct Answer: Deep vein thrombosis

Q. A 58-year-old man after his retirement party came with the complaint of sudden painless loss of vision in his left eye for the past 2 hours. Fundoscopic examination shows a similar picture given below. What is the most probable cause of this condition?



1. BRAO
2. BRVO
3. CRAO
4. CRVO

Correct Answer: CRAO

Q. A 55-year-old woman presents with chronic mucopurulent discharge from her left eye and swelling near the medial canthus. Which of the following is the treatment of choice in this patient?

1. Dacryocystorhinostomy
2. Dacryocystectomy
3. Conjunctivo-cysto rhinostomy
4. Balloon catheter dilation

Correct Answer: Dacryocystorhinostomy

Q. Identify the arrow marked chamber.

1. Right atrium
2. Left atrium
3. Right Ventricle
4. Left Ventricle

Correct Answer: Left atrium

Q. In knee flexion, lateral dislocation of patella is prevented by

1. Vastus medialis
2. Patellar ligament
3. Gracilis
4. Rectus femoris

Correct Answer: Vastus medialis

Q. Identify the investigation shown below which is the investigation of choice in distal bowel tumors.



1. Enteroclysis
2. Barium meal
3. Barium meal follow-through
4. Barium enema

Correct Answer: Enteroclysis

Q. The characteristic appearance of the esophagus on barium swallow, as shown in the image below, is seen in which of the following conditions?

1. Diffuse oesophageal spasm
2. Esophageal carcinoma
3. Esophageal ulcer
4. Achalasia cardia

Correct Answer: Diffuse oesophageal spasm

Q. Cholesterol is synthesized from?

1. Acetyl coA
2. Malonyl coA
3. Phenylalanine
4. Oxaloacetate

Correct Answer: Acetyl coA

Q. The subcellular organelle which is associated with killing of viruses and bacteria is?

1. Peroxisome
2. Mitochondria
3. Lysosome
4. Golgi Apparatus

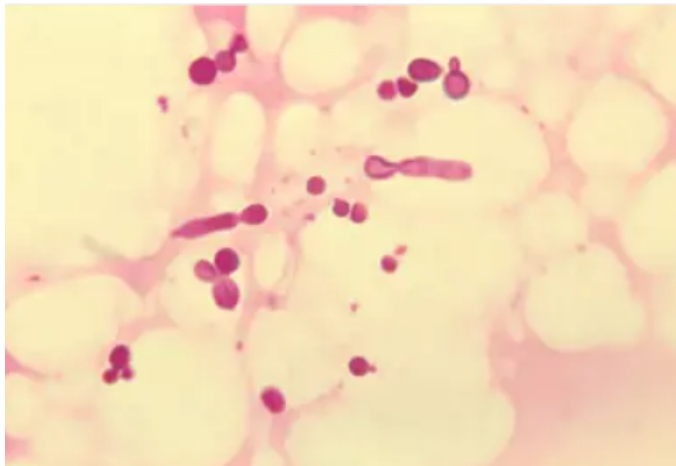
Correct Answer: Lysosome

Q. A patient presented with a black, foul-smelling discharge from the nose. On examination, blackish necrotic mass filling the nasal cavity and eroding the septum and hard palate were seen. What is the most important risk factor for this disease?

1. Hypothyroidism
2. Diabetes
3. Hypertension
4. Foreign Body

Correct Answer: Diabetes

Q. A 24-year-old woman presents with pruritic hypopigmented macules and confluent patches over the chest. Skin scraping and KOH preparation show an abundance of yeast-like cells and short branch filaments like a 'Spaghetti and meatball appearance' as shown in the image below. What is the most likely organism?



1. Malassezia
2. Trichophyton
3. Chlamydo spores
4. Candida

Correct Answer: Malassezia

