NEET PG 2022

Question Paper

Radiology

(Based on Memory Recall)

Q1. A 30 year old with motor vehicle accident presented to the causality with pelvic fracture. His vitals are stable but he is unable to pass urine. He has blood at the urethral meatus. An RGU was performed as shown below. What is the most likely site of urethral injury?



a. Penile urethra
b. Membranous urethra
c. Spongy urethra
d. Bulbar urethra

Q2. A delayed intravenous urogram of the patient is shown. Whatis the most likely diagnosis?

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a. Staghorn calculus
b. Putty Kidney
c. Pelviuretric junction obstruction
d. Renal Cyst

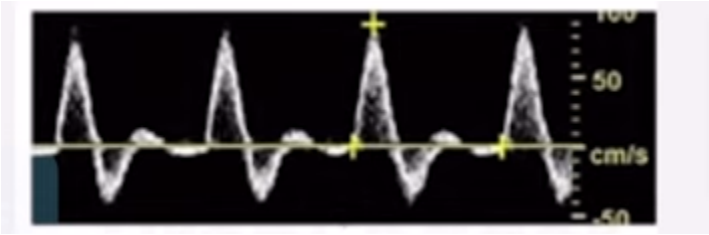
Q3. A 22 year old female with primary infertility underwent HSG examination and shown below. What is the diagnosis?



a. Unicornuate uterus
b. Bicornuate uterus
c. Septate uterus
d. Uterus diadelphys

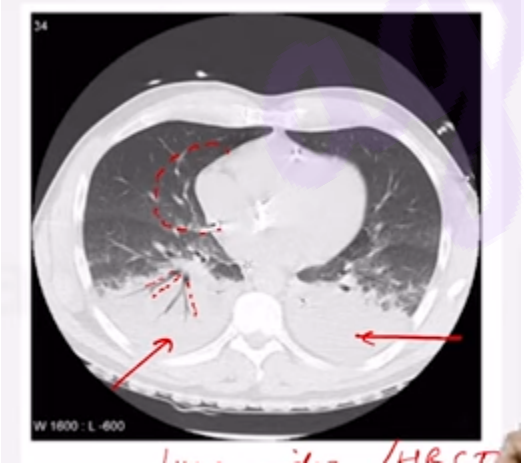
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Q4. Amiddle aged male patient presented with acute onset pain in right limb. An investigation was performed. What is the name of the investigation ?



a. Digital subtraction angiography
b. Ultrasound doppler
c. Plethysmography
d. MR Angiography

Q5. A35 year old female presented with fever, expectoration and difficulty breathing. HRCT of chest was performed and shown. Whatis the likely diagnosis?



a. Mediastinal mass
b. Pleural effusion
c. Diaphragmatic hernia
d. Consolidation with air bronchogram

Q6. Name the investigation shown

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a. PET-CT
b. Technetium scan
c. Cerebral flow study
d. Tc sestamibi scan

Q7. Which of the following is most likely to be seen due to rupture of saccular aneurysm in brain?
a. Subdural Haemorrhage
b. Subarachnoid Haemorrhage
c. Hydrocephalous
d. Intracerebral Haemorrhage

Q8. A 45-year-old patient complaints of recurrent swelling in one side of the neck. She is afraid of eating food as it worsens the swelling. Imaging was performed and shown below. What is the most likely diagnosis?

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a. Penetrating irregular foreign body
b. Sialolithiasis
c. Isolated osteoma of floor of mouth
d. Cervical lymphadenitis

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Q9. A30-year-old patient presented to the causality after a motor vehicle accident. He has bruises on the chest. His pulse is 100 bpm. BP is 125/85 and RRis 28. A chest Xray was performed and show below. What is the next most appropriate step in the management of this patient?

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a. Immediate thoracotomy
b. Pleurodesis
c. Pericardiocentesis
d. Chest tube placement and drainage

Q10. A 35 year old patient presented with severe abdominal pain and vomiting? vitals are stable. What is the most effective way to treat this patient?



a. Gastric lavage with cold saline
b. Tracheostomy
c. Resuscitation and exploratory Laparotomy
d. Chest tube insertion

Q11. 425 year old patient presented with fever dry cough, breathlessness and night sweats. On chest X-Ray, bilateral hilar lymphadenopathy was seen. What is the most likely cause?

a. Hypersensitive pneumonitis
b. Sarcoidosis

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c. lymphoma
d. Tuberculosis

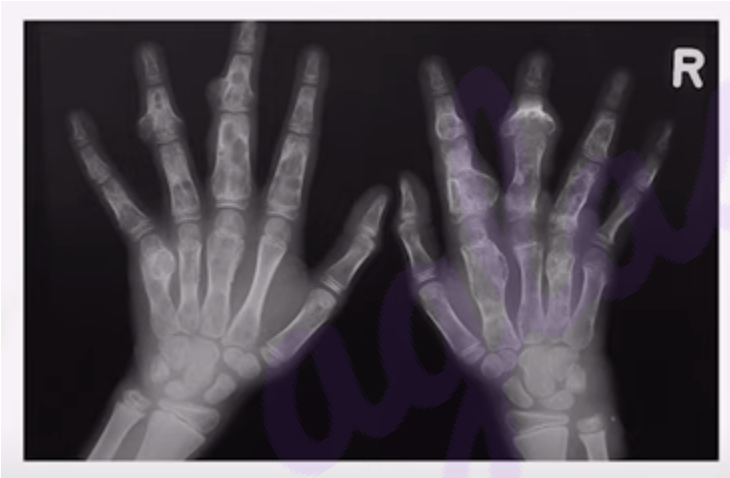
Q12. A 25-year-old male presented with a pulsatile supraclavicular neck mass. Whats the most appropriate next investigation?

A) Doppler USG
B) CT angio + Percutaneous intervention
C) Oral Antibiotics x 7days
D) Needle biopsy

Q13. Prenatal USG in a 35 year old female showed a fetus with multiple fractures. What is the likely diagnosis?

A) Osteogenesis imperfecta
B) Achondroplasia
C) Marfans syndrome
D) Cretinism

Q14. Identify the diagnosis



a. Multiple enchondromas
b. Multiple exostosis
c. Brown tumors
d. Polyostotic fibrous dysplasia

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