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NEET PG 2023

QUESTION PAPER



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Question Paper

Radiology

(Based on Memory Recall)

Q1. A 31-year-old female delivered a 1 kg baby at 31 week of gestation. The child has hepatosplenomegaly and jaundice. On CT Periventricular Calcification is seen. What is the most likely diagnosis?

A) Toxoplasmosis
B) Herpes Simplex
C) CMV
D) Parvo B19

Correct answer : C

Q2. A 32 year old presented with altered sensorium. CT reveals bitemporal hemorrhage. What is the diagnosis?

A) TB
B) Herpes Simplex
C) Brain cancer
D) Stroke

Correct answer : B

Q3. A 35 year old female with dull aching pain for the last 1 year. On examination, she has sterile pyuria. Radiograph is given below, what is the diagnosis ?

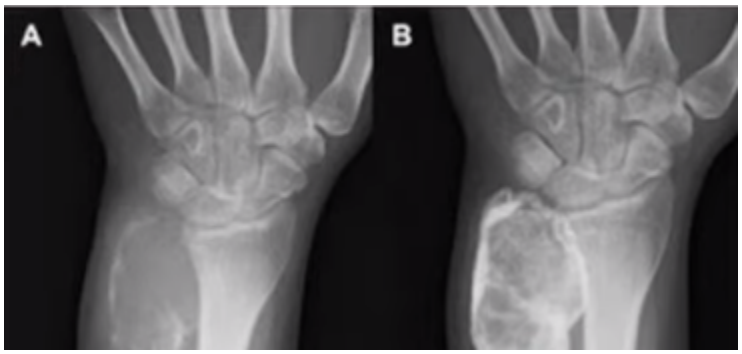


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A) Calcified Psoas Abscess
B) Putty kidney
C) Nephrocalcinosis
D) Staghorn Calculus

Correct answer : B

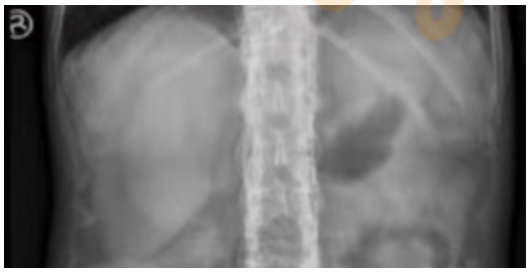
Q4. A 22 year old female presented with swelling in forearm. Radiograph is given below. What is the diagnosis?



A) Giant cell tumor
B) Chondroblastoma
C) Osteochondroma
D) Aneurysmal Bone Cyst

Correct answer : A

Q5. A 35-year-old patient with morning stiffness and reduced chest expansion. Also, the patient had a complaint of red eyes. What is the diagnosis on the basis of history and radiograph?



A) Healed TB
B) Ankylosing Spondylitis
C) Paget's disease
D) Osteopetrosis

Correct answer : B

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Q6. A 45-year-old female who has to undergo radiotherapy for treatment of Ca Cervix stage 2b. Which of the following statement is true regarding ionizing radiation?

A) The normal cell and cancer cells will be equally sensitive
B) GI mucosa is more resistant part
C) The radiation at a point is inversely proportional to the square of the distance from the source
D) Small blood vessels are resistant to the effect of radiation

Correct answer : C

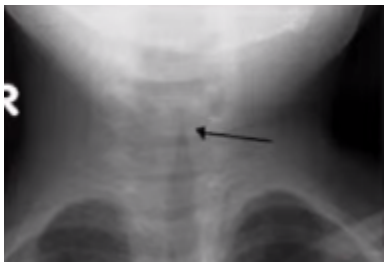
Q7. A 51 year old man with a history of smoking presented with pain in the right arm. There is also evidence of ptosis and horner's syndrome. Chest X ray is given below, diagnosis?



A) Upper lobe pneumonia
B) Lung Aspergillosis
C) Pancoast Tumour
D) SVC Obstruction

Correct answer : C

Q8. A 3-year-old child presented with fever and biphasic stridor. There is history of prior URI. There is no dysphagia. What is the diagnosis on the basis of the radiograph given below?



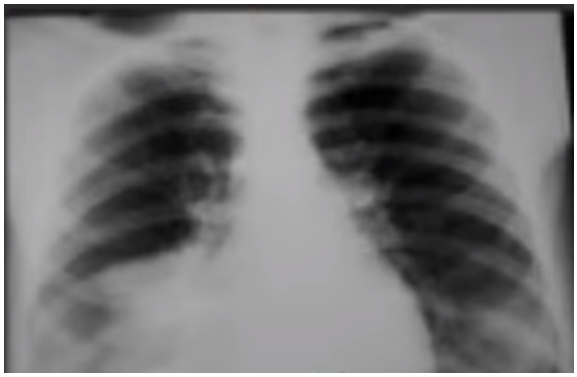
A) Acute Laryngotracheobronchitis

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B) Acute Epiglottitis
C) Laryngomalacia
D) Foreign Body Glottis

Correct answer : A

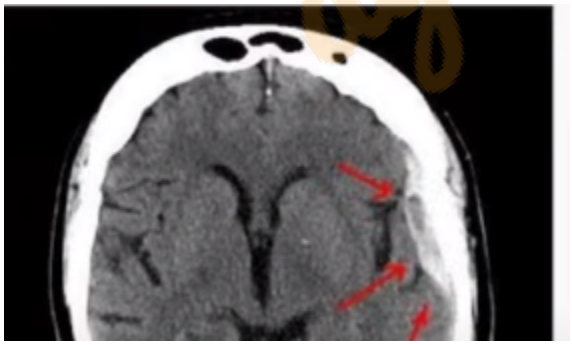
Q9.A 36 year old patient with cough and fever for the last 12 days, there are crepts on the right side, X Ray is done. What is the diagnosis?



A) Apical segment of lower lobe consolidation
B) Posterior segment of lower lobe consolidation
C) Middle lobe consolidation
D) Loculated pleural effusion

Correct answer : C

Q10. A 50-year-old patient with a history of trauma one week back presents with confusion and ataxia. He is on treatment for alcohol dependence and his last intake was 2 weeks back. CT scan reveals the following finding. Diagnosis?

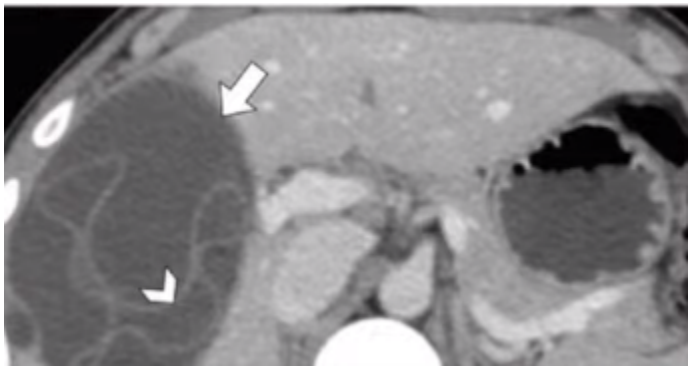


A) Intraparenchymal Haemorrhage.
B) Subarachnoid Haemorrhage
C) EDH
D) SDH

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Correct answer : D

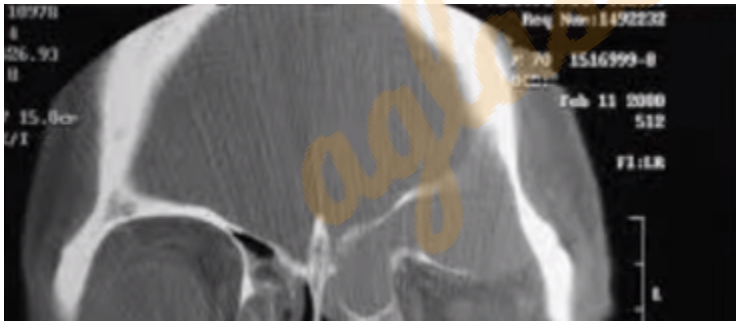
Q11. A CT scan of a 50 year old patient is given who is presented with abdominal pain. Which of the following statements is correct ?



A) Surgery is mandatory
B) Etiology is Echinococcus Spp.
C) Angioembolization is indicated
D) FNAC is Diagnostic

Correct answer : B

Q12. A 30 year old female presented with non axial proptosis left eye for the last 3 years. There is a history of trauma to the eye 10 years back, the imaging reveals homogeneous lesions in left frontal sinus as even below. What is the diagnosis?



A) Frontal Mucocoele
B) Frontal meningioma
C) Orbital pseudotumor
D) Juvenile Nasopharyngeal angiofibroma

Correct answer : A

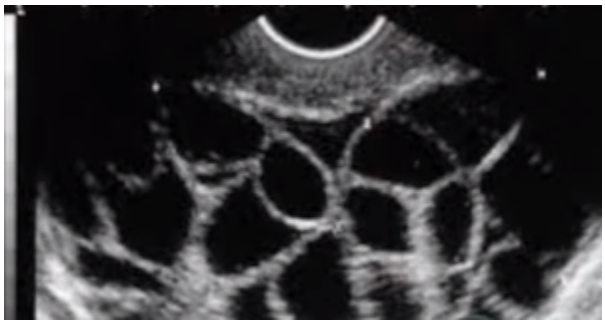
Q13. A 60 year old patient presented with acute onset chest pain radiating to the neck and interscapular region. His blood pressure in right arm is 100/60 and in left arm is 170/90. Chest X ray shows mediastinal widening. What is the diagnosis?

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A) Acute Pulmonary embolism
B) Acute Coronary syndrome
C) Acute Aortic dissection
D) Esophageal rupture

Correct answer : C

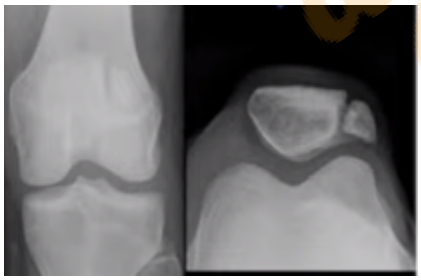
Q14. A 23 old female on treatment for infertility develops severe abdominal pain, nausea and vomiting. USG reveals the following appearance: what is the most likely cause ?



A) Polycystic Ovarian syndrome
B) Granulosa cell tumor
C) Ovarian Hyperstimulation syndrome
D) Theca lutein cyst

Correct answer : C

Q15. A radiograph of a patient is given below who has had knee pain for the last 3 months. There is no definitive history of trauma. What is the correct statement regarding diagnosis and Management?



A) Fracture of upper pole of patella caste placement
B) Avulsion fracture of patella tension band wiring
C) Bipartite patella- Do radiograph of another knee
D) Avulsion fracture of patella - interfragmentary screw fixation

Correct answer : C

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Q16. A Construction worker developed persistent cough along with shortness of breath also he developed mesothelioma, what is the diagnosis ?

A) Asbestosis
B) Lung cancer
C) COPD
D) Chronic Bronchitis

Correct answer : A

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