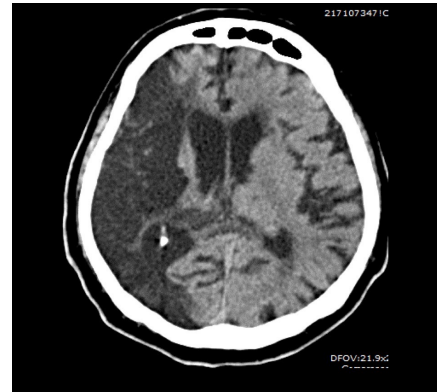


RADIOLOGY MINI-OSCE/ Second Group

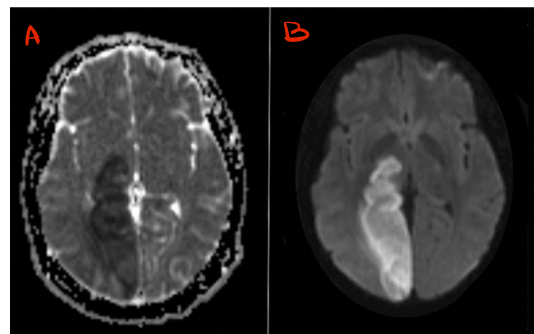
Brain CT

1. Describe the main radiological finding(s) in this image.
Hypodense lesion in the Rt hemisphere (MCA territory)
2. What is the most likely diagnosis?
Rt sided MCA territory infarction (MCA occlusion)



Brain MRI

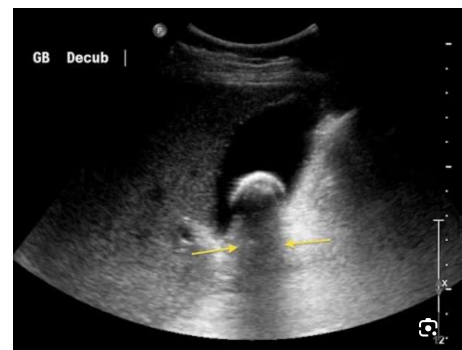
1. Identify the MRI sequences shown in images (A) and (B).
*A: ADC
B: DWI*
2. What is the most likely diagnosis?
Restricted diffusion = Rt ACA



Note : The infarction was centrally located and seen at a slightly lower axial level, without posterior extension.

Ultrasound (US)

1. What is the name of this characteristic sign.
Posterior Acoustic shadowing
2. What is the most likely diagnosis?
Gallstone



GI Radiology

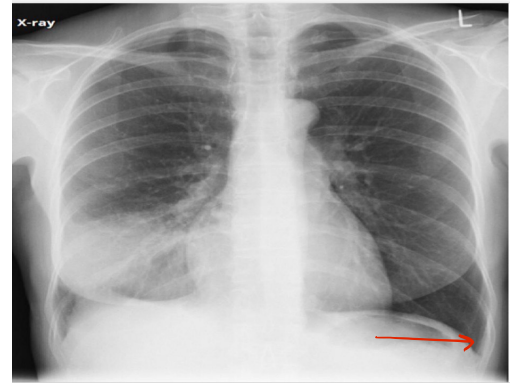
1. Identify the anatomical structure labeled (A).
Urinary bladder
2. What is the most likely diagnosis based on this image?
Diverticulosis



Note: The exam image demonstrates a full non-contrast urinary bladder with contrast-enhanced colonic diverticulosis.

Chest X-Ray

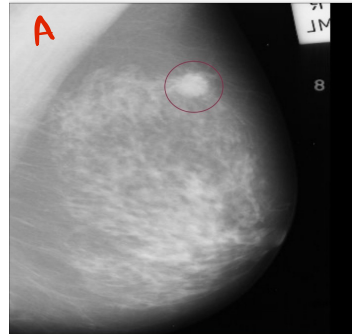
1. What is the structure indicated by the arrow?
[Lt Costophrenic angle](#)
2. What is the most likely diagnosis? (Be specific)
[Rt lower lobe pneumonia](#)



Mammography

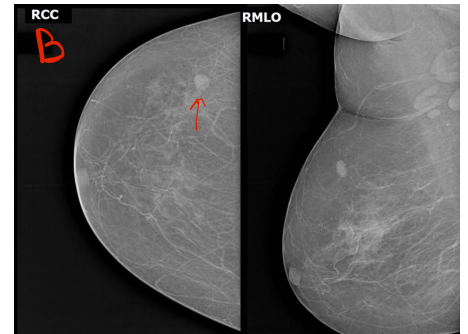
A :

1. What is the next best step ?
[Core-Needle biopsy](#)



B :

2. Describe the radiological feature/structure indicated by the arrow.
[Lymph Nodes?](#)



Interventional Radiology

1. What is the modality?
[Axial chest ct with IV contrast](#)
2. Describe the image in details.
[Aneurysmal Aorta complicated by dissection](#)



Musculoskeletal Radiology (MSK)

1. Identify the imaging modality shown above.
[X-Ray of Rt knee AP view](#)
2. Describe the main radiological abnormalities indicated by the arrow.
 1. [Joint space narrowing medially](#)
 2. [Subchondral cyst](#)
 3. [Bone sclerosis](#)
 4. [Osteophytes](#)
3. What is the most likely diagnosis?
[Right knee OsteoArthritis](#)



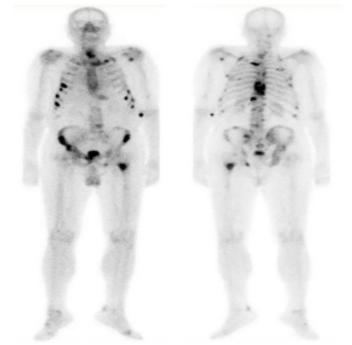
Nuclear Medicine

1. Describe the main findings in this radionuclide bone scan.

Multiple asymmetrical bilateral increased uptake

2. Mention 3 malignancies for which a bone scan has low sensitivity in detecting bone metastases.

1. Multiple myeloma
2. Renal cell carcinoma
3. Thyroid cancer



Paediatric Radiology

1. What is the name of this sign?

Double bubble sign

2. What is the most likely diagnosis?

Duodenal atresia

