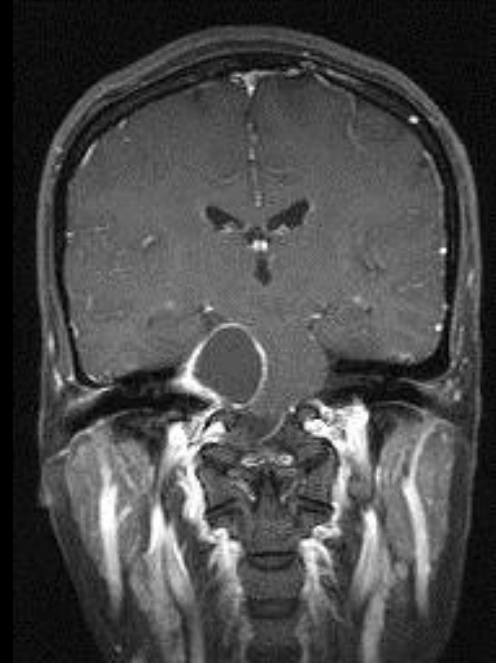
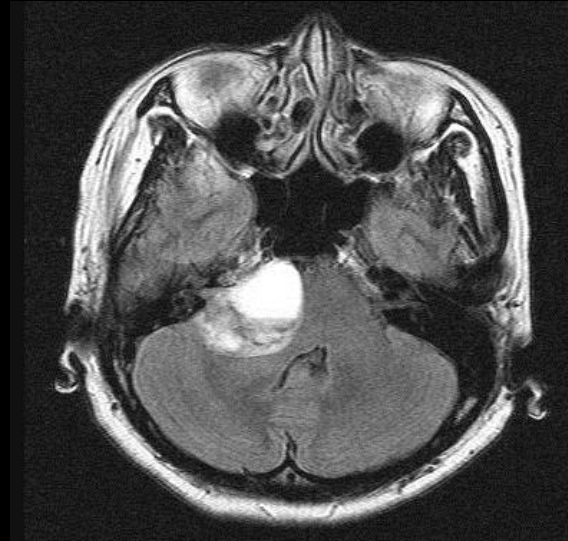


2012年11月23日
中華民國放射線醫學會
住院醫師閱片測驗-答案

出題醫院
新光醫院放射診斷科

Q1

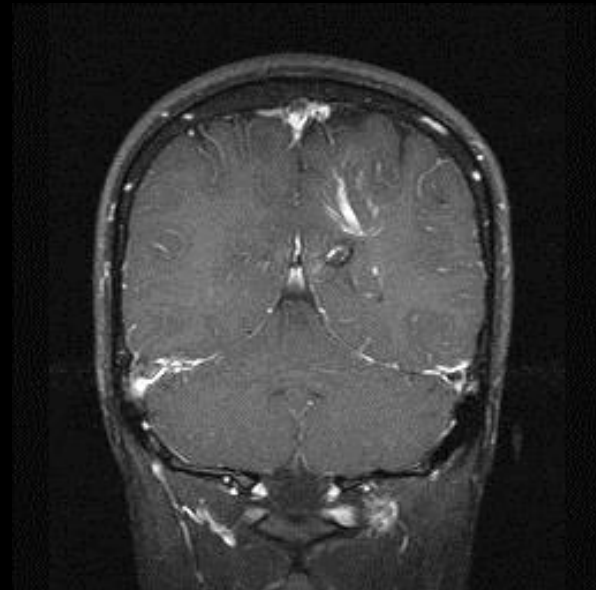
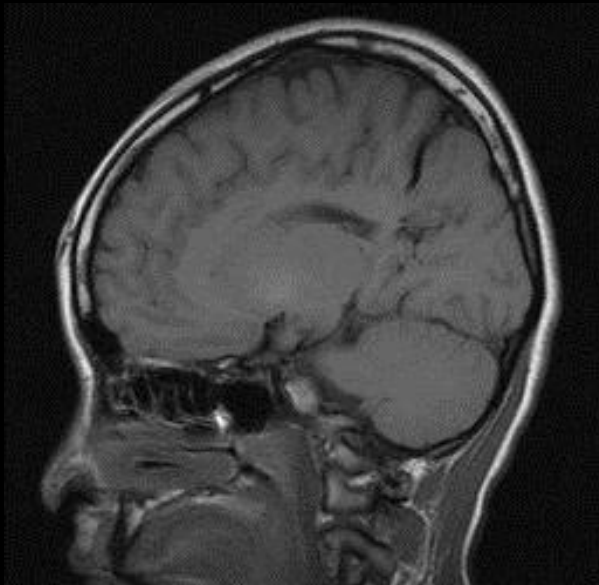
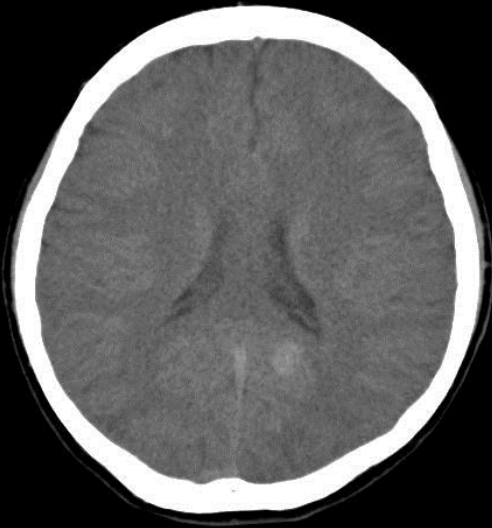
47 y/o Female,
Right ataxia, tinnitus for 2 years



Ans : Acoustic neuroma, right CP angle

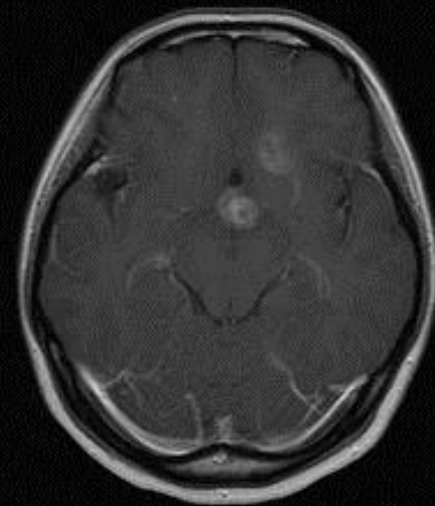
Q2

14 y/o F syncope with right leg weakness



Ans : Cavernoma with medullary venous malformation

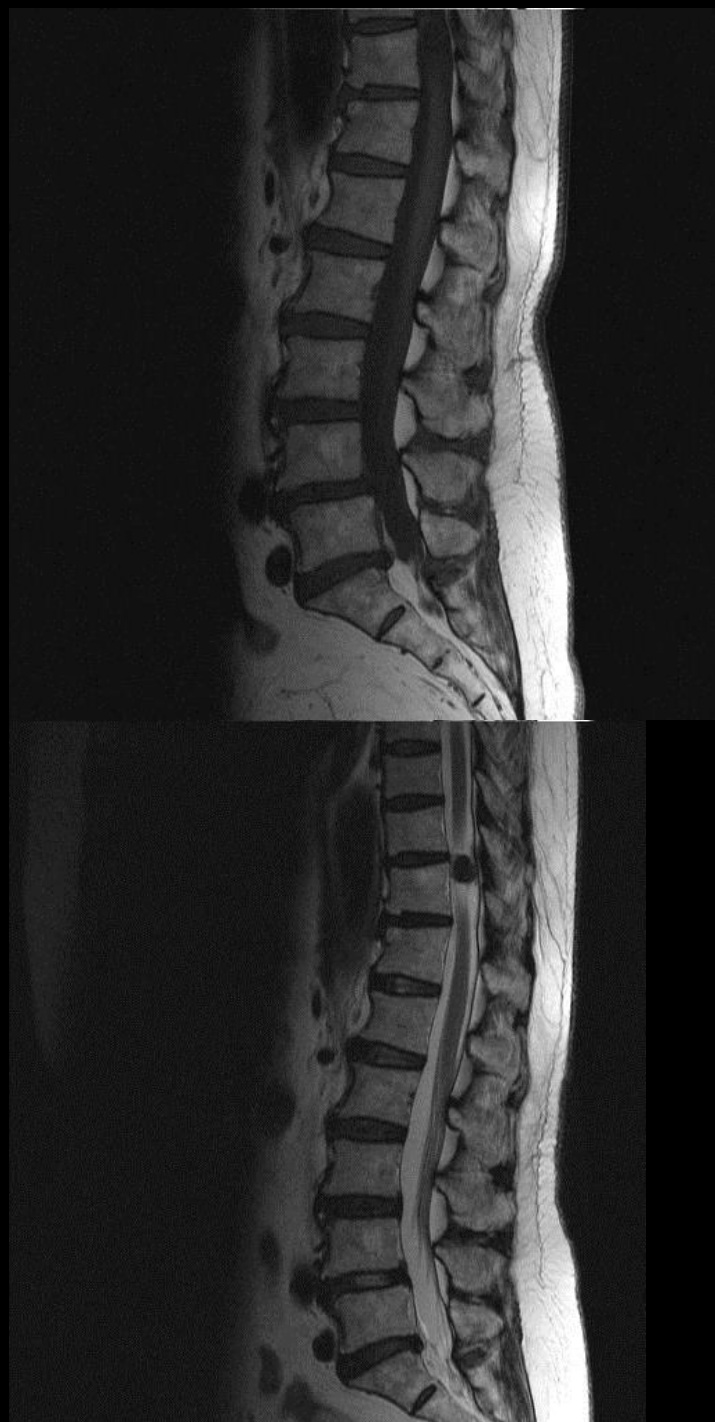
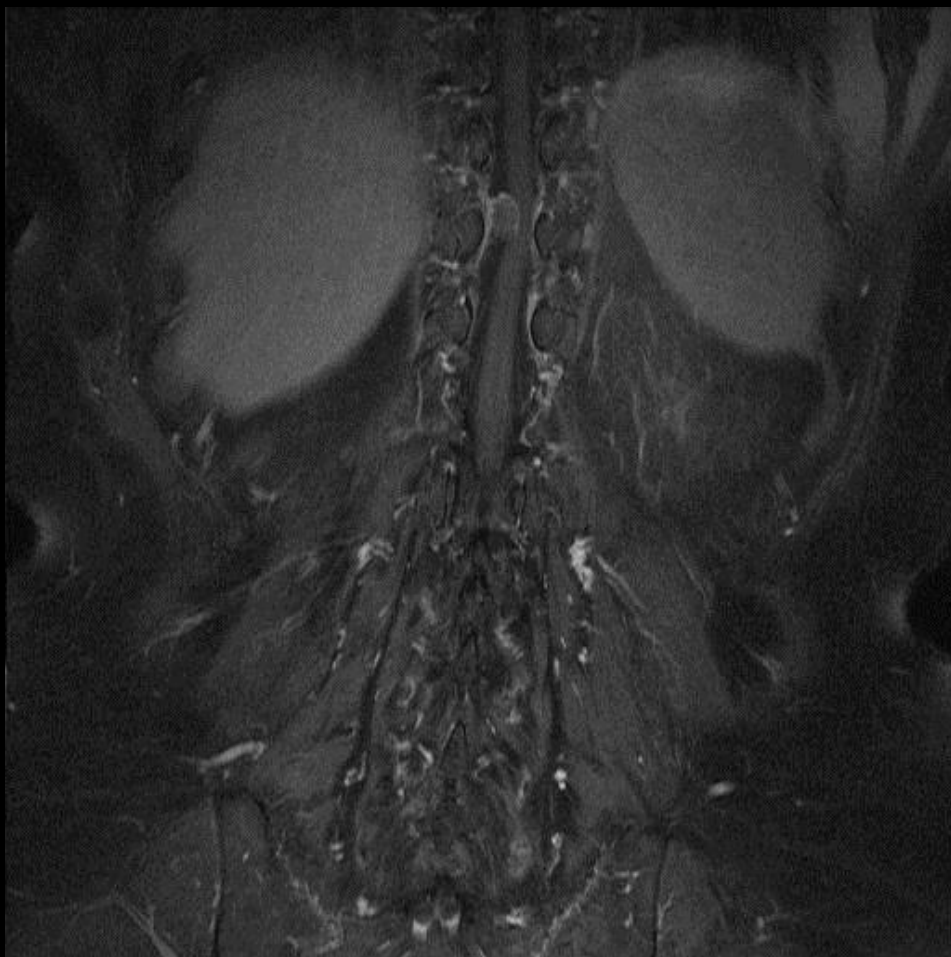
26 y/o F temporal hemianopsia OD



Ans : Germinoma

Q4

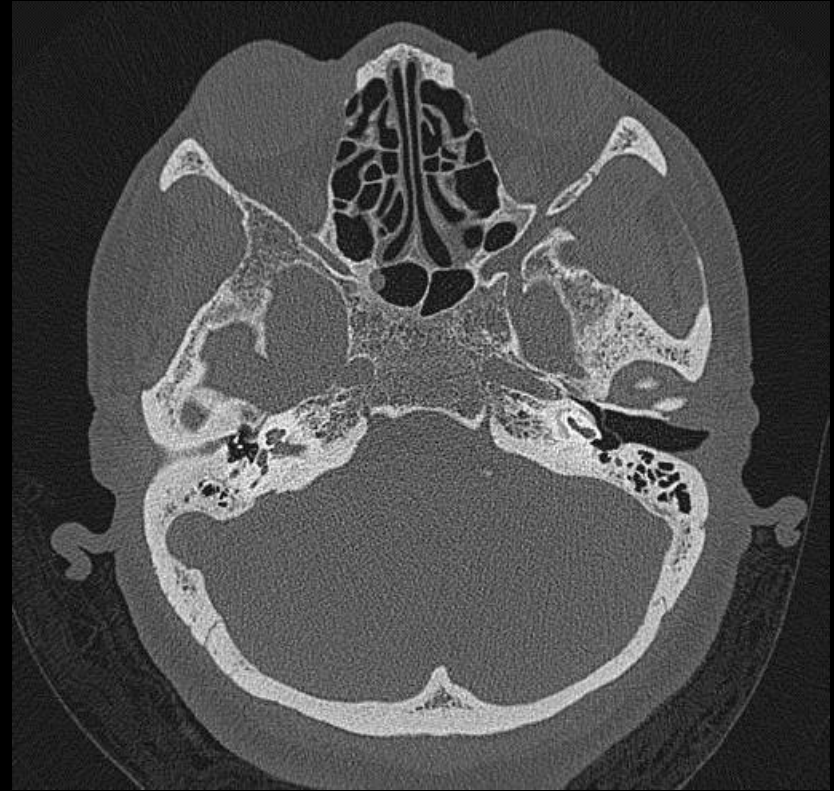
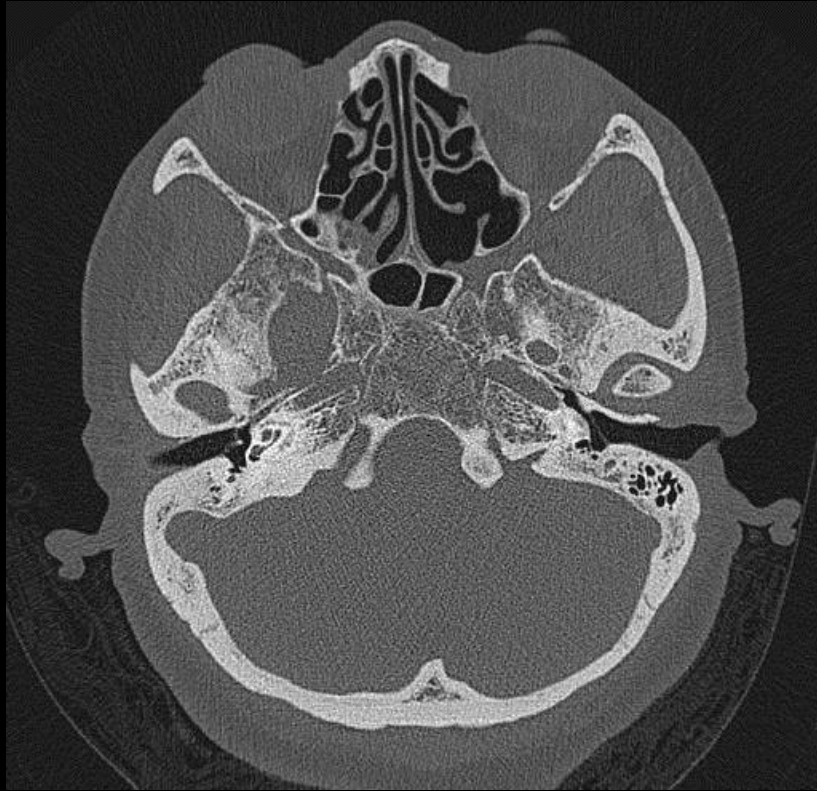
69 y/o F back pain, leg weakness



Ans : T-spine meningioma

Q5

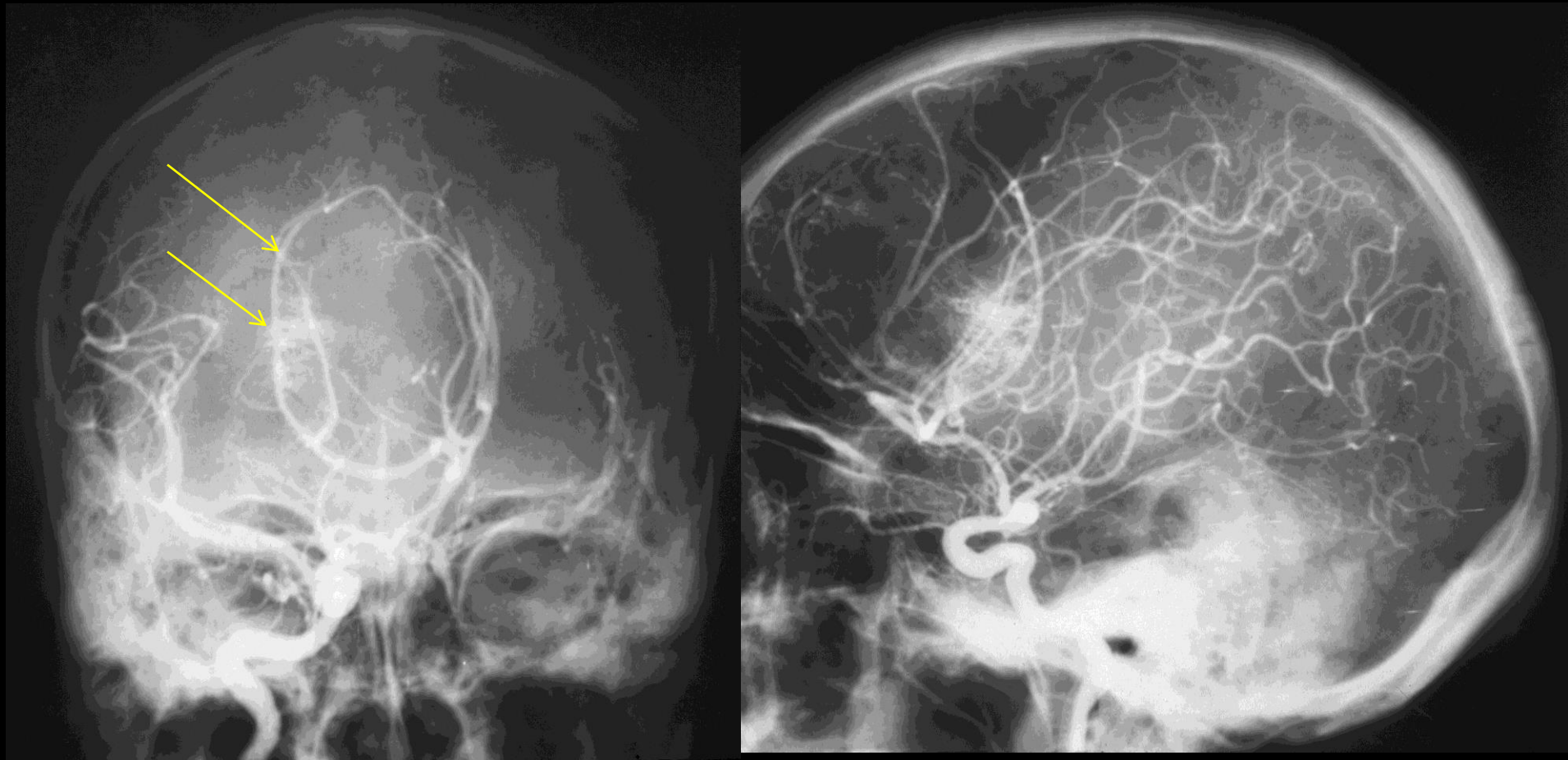
56 Female bil. hearing loss



Ans : Retrofenestral otosclerosis, bilateral

Q6

1. Name the sign of abnormal angiogram finding
2. Name the artery of the red arrows

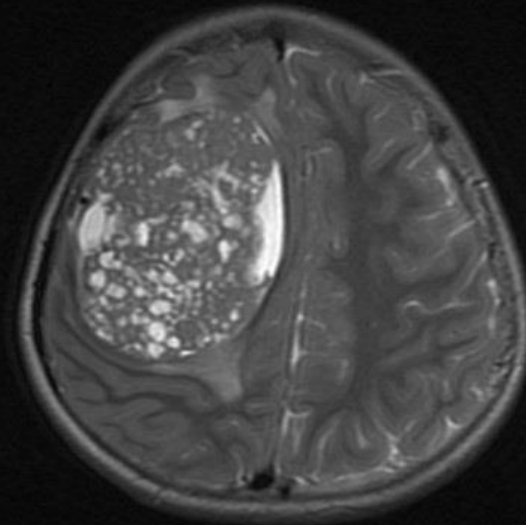
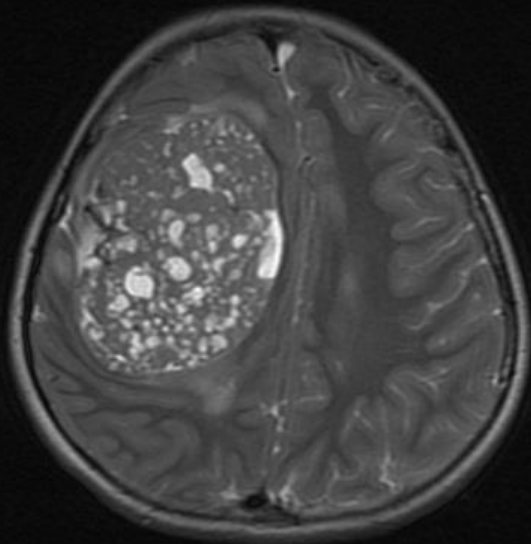
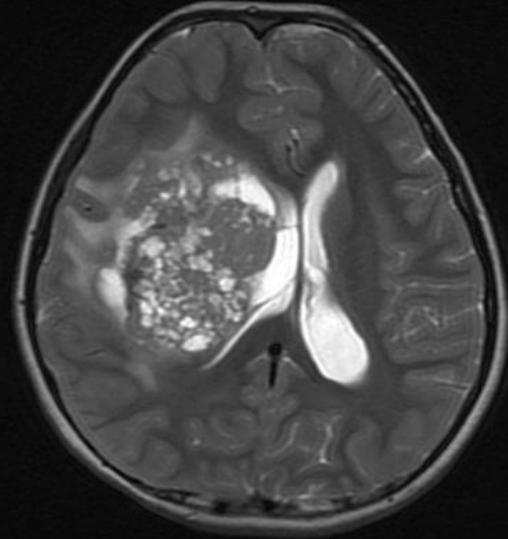
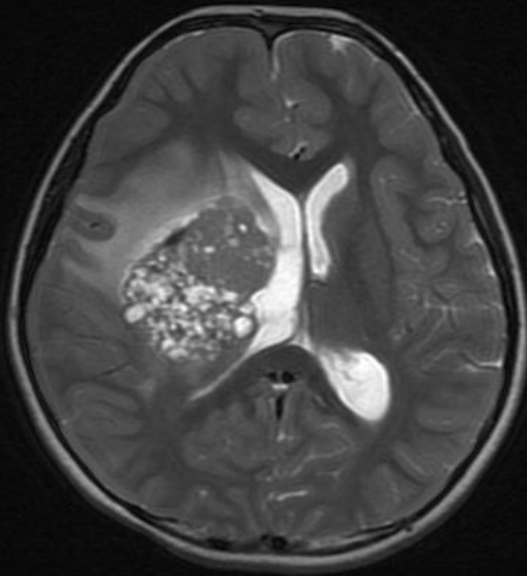


Ans: 1. Fork sign
2. Callosomarginal artery

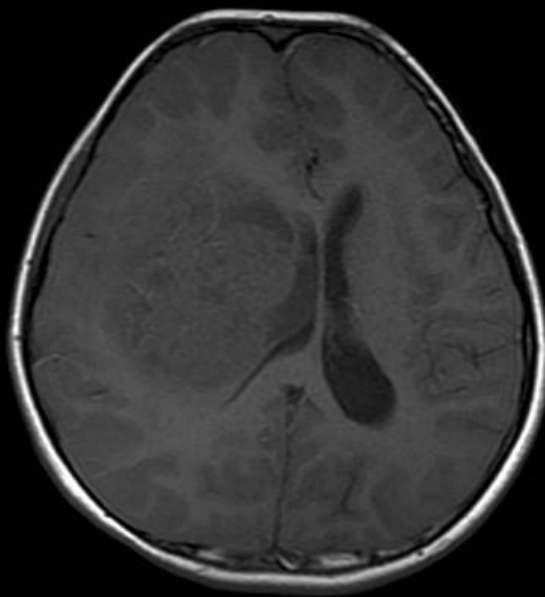
Q7

Female, 8y/o

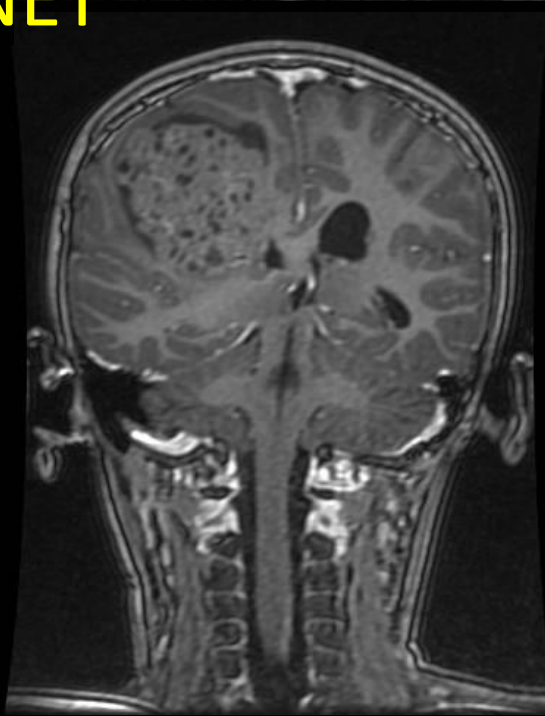
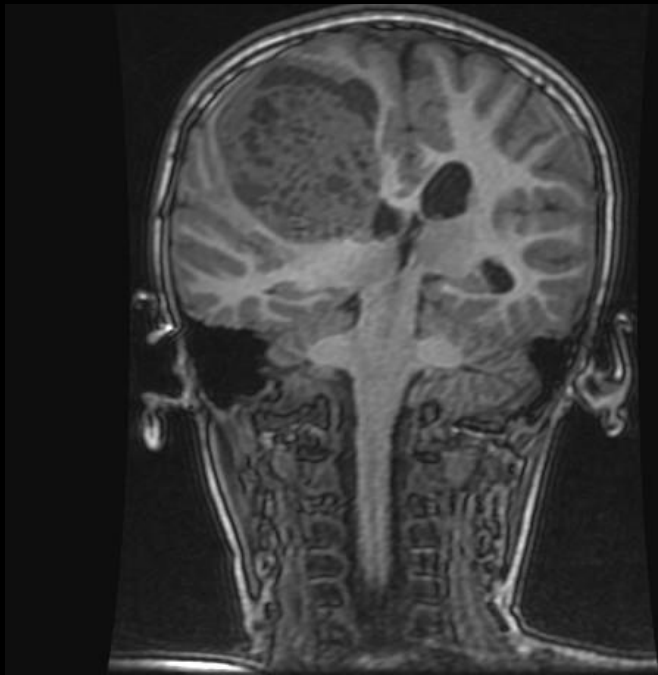
Left side weakness and unsteady gait for 1 year



A7

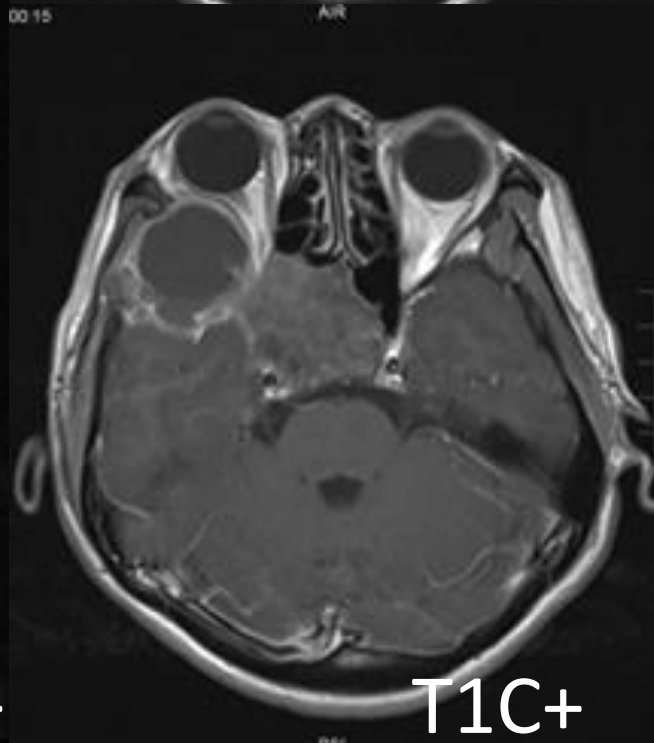
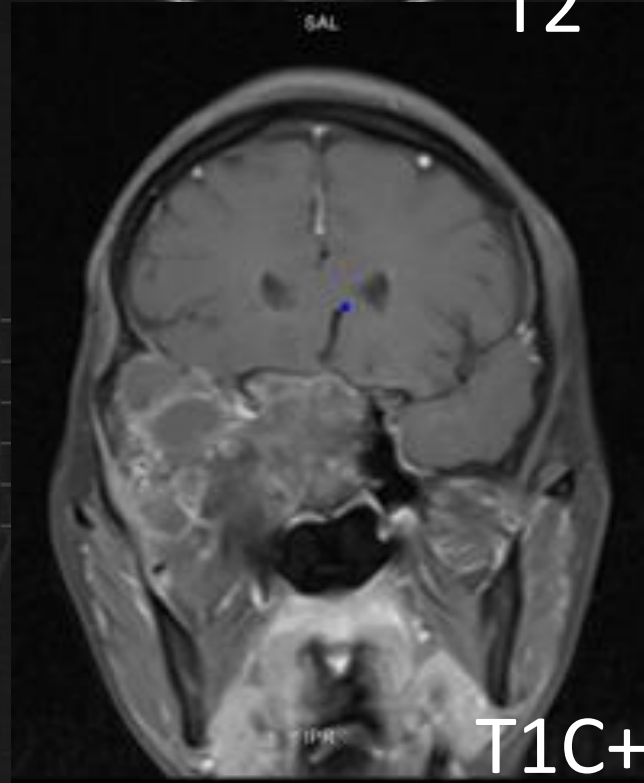
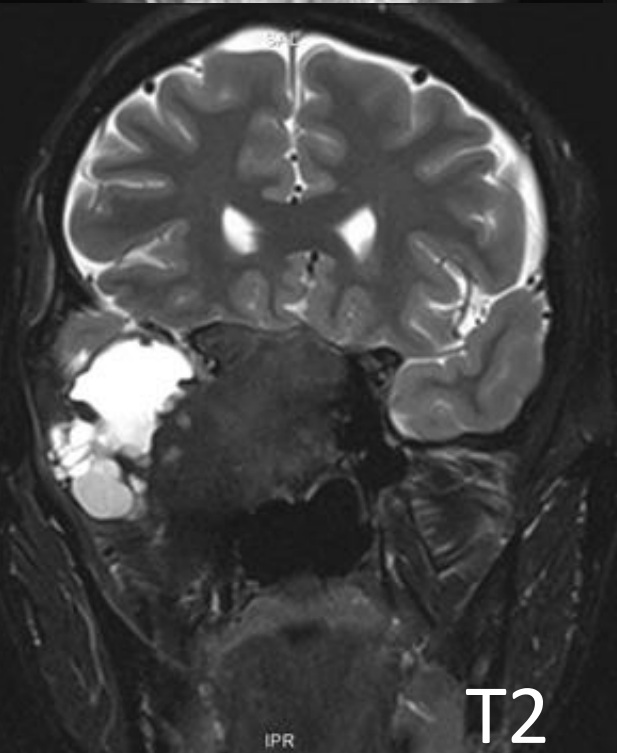
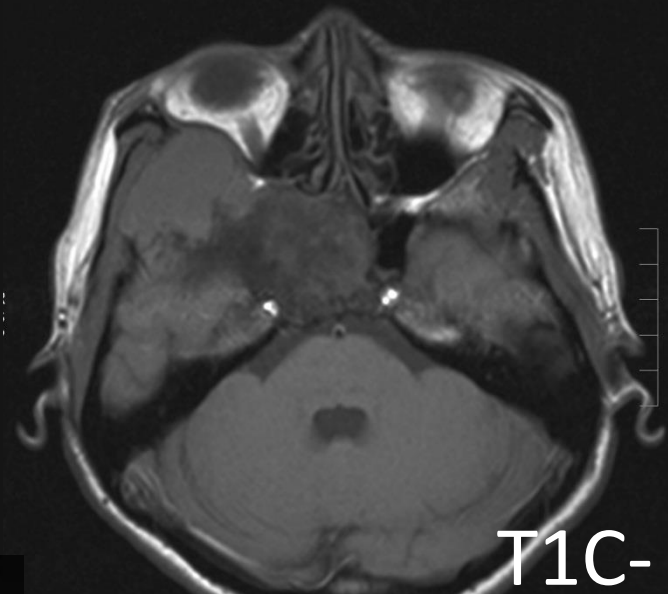
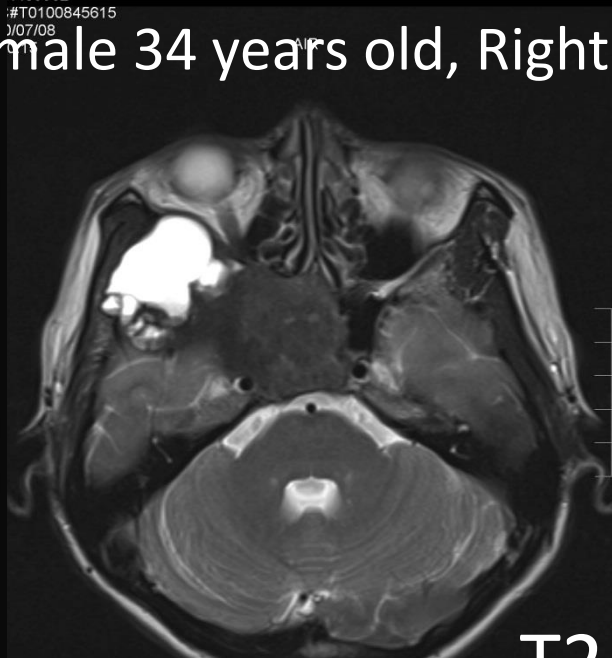


Ans: PNET



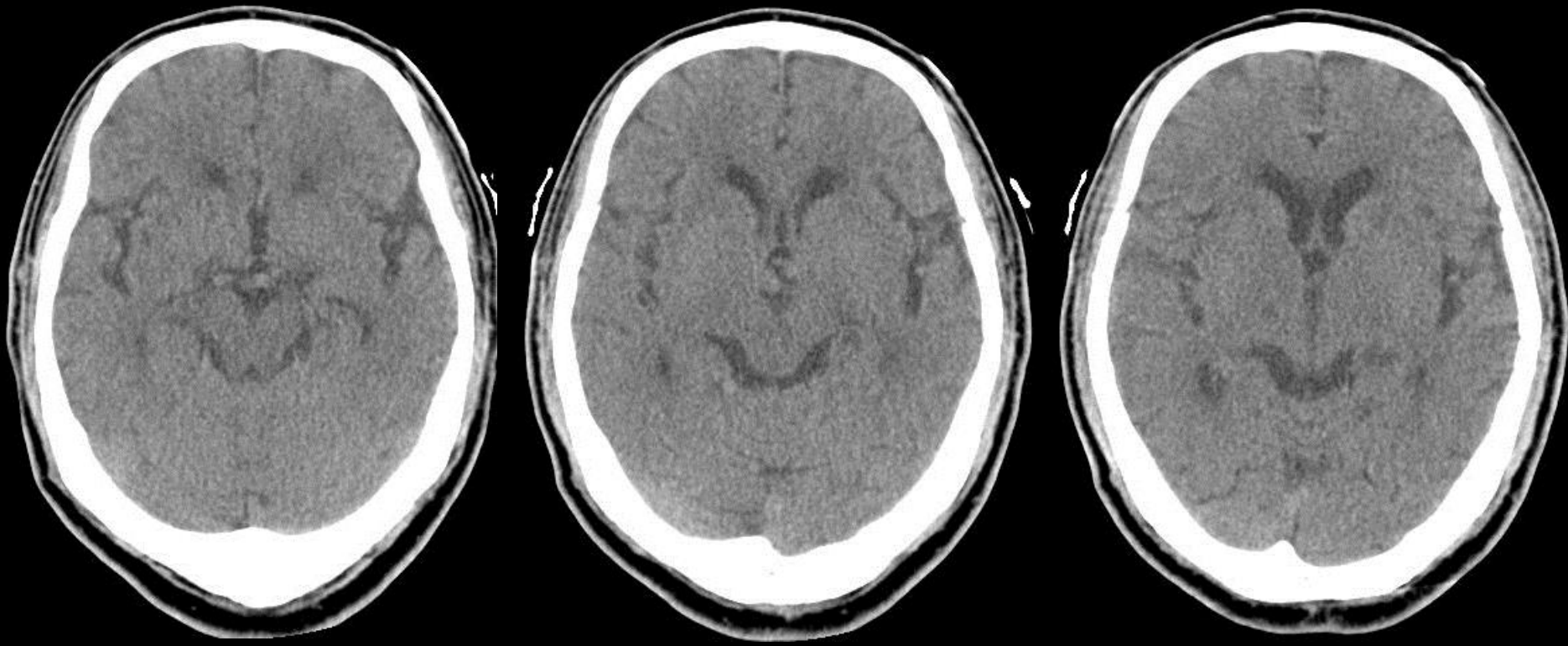
Q8

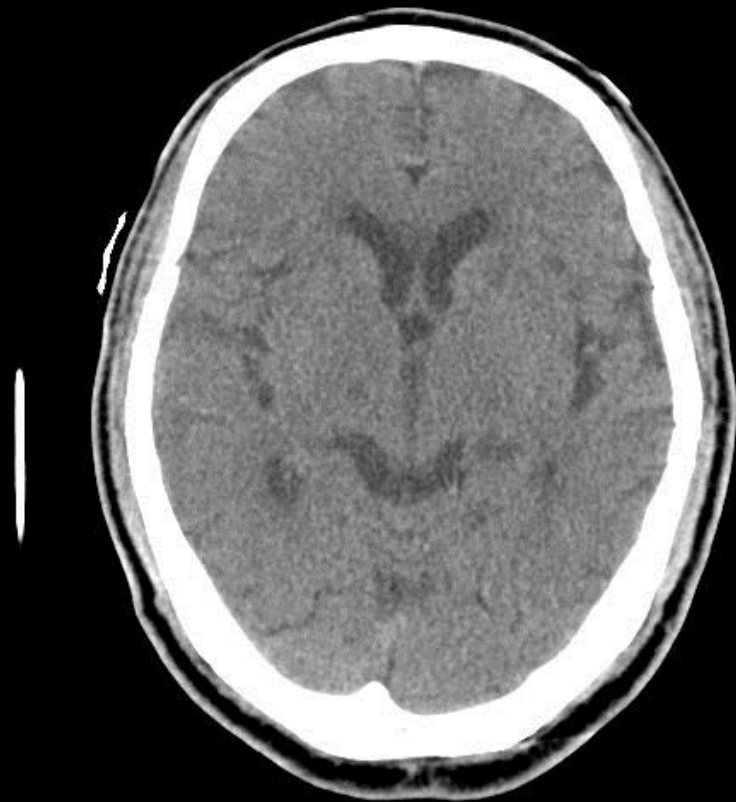
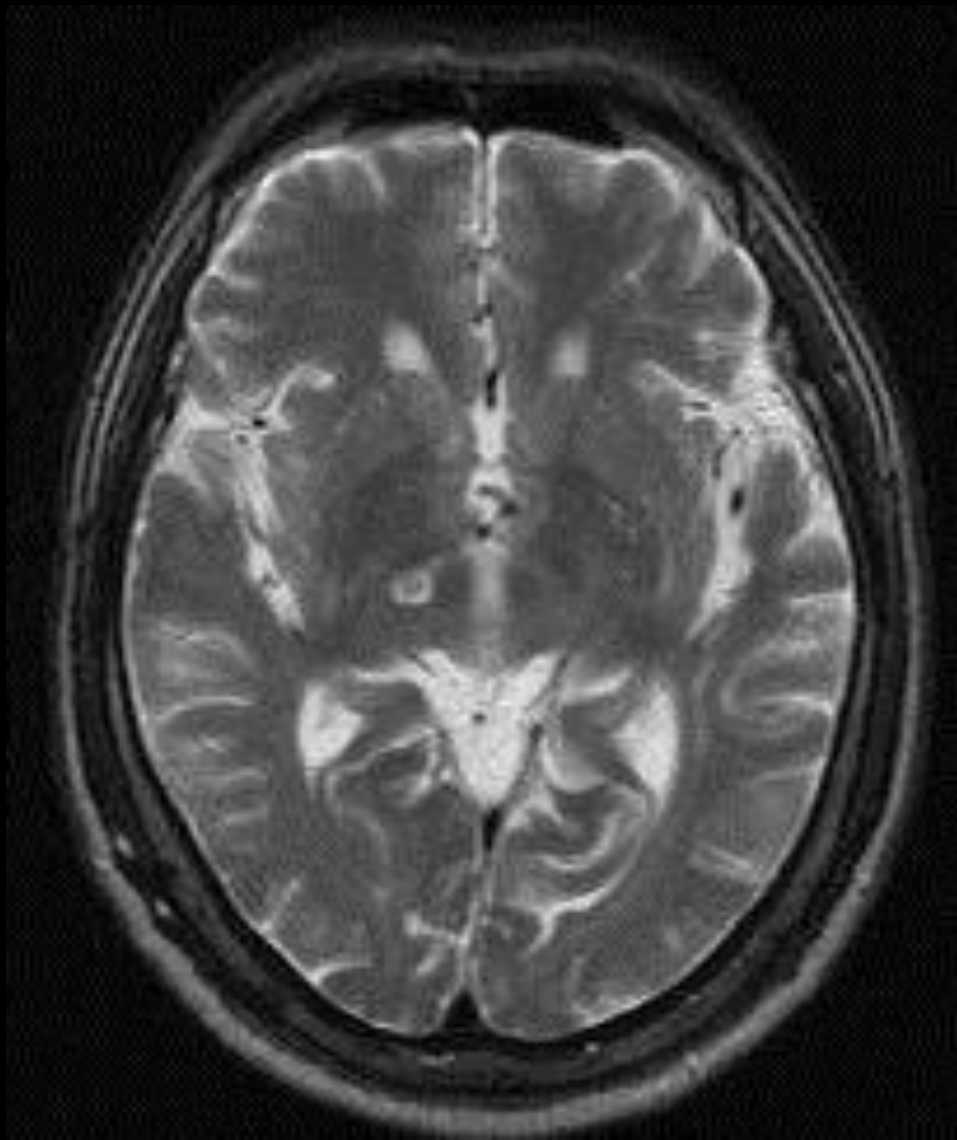
Female 34 years old, Right facial numbness



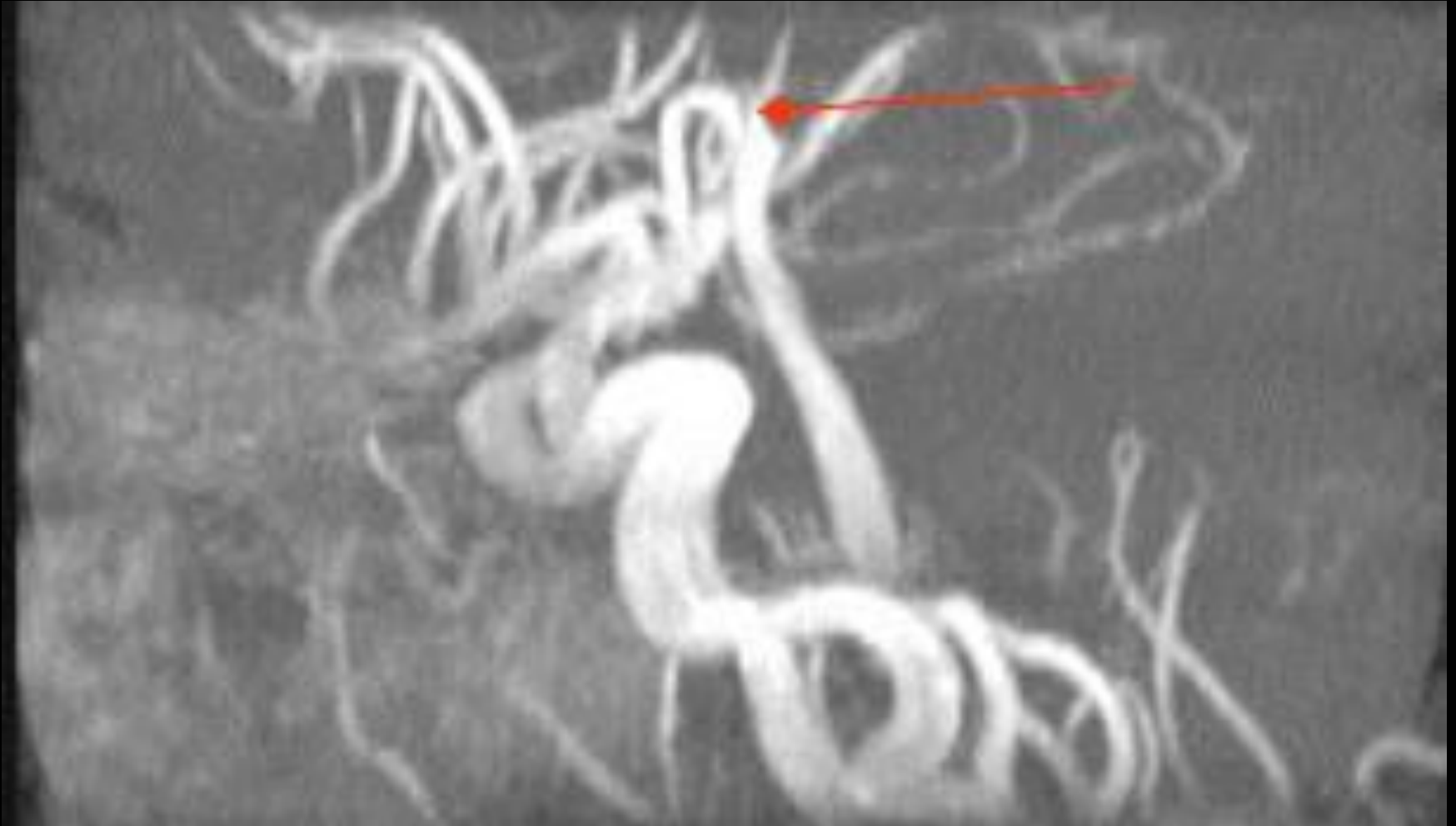
Ans : Cystic fibrous dysplasia

Female 59 years old , No symptom





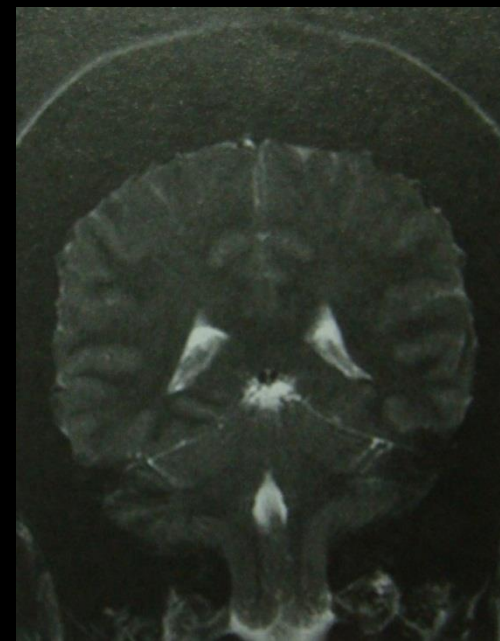
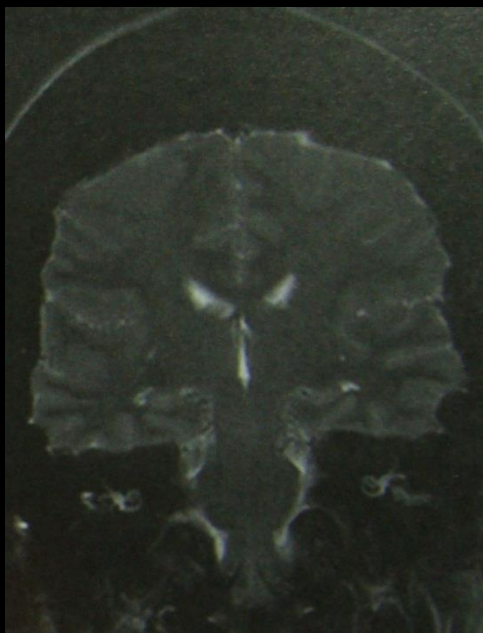
High basilar tip



Q10-1

- Male 46
- Multiple cranial nerve deficits





van Buchem dz

- Chromosopme 17 defect
- autosomal recessive disorder
- Generalized endosteal hyperostosis

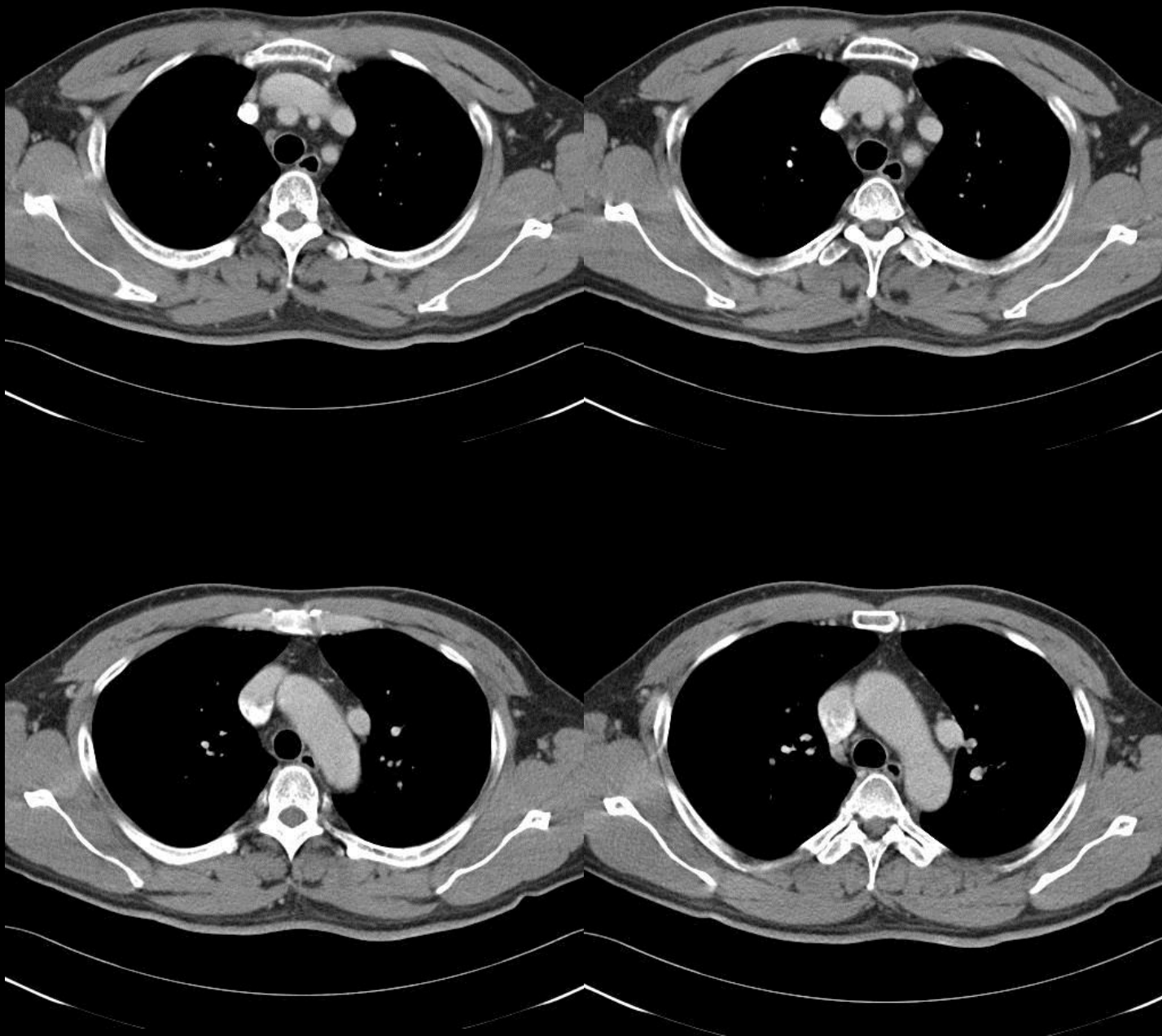
Q11-1



- 42y/o Male
- Health check-up



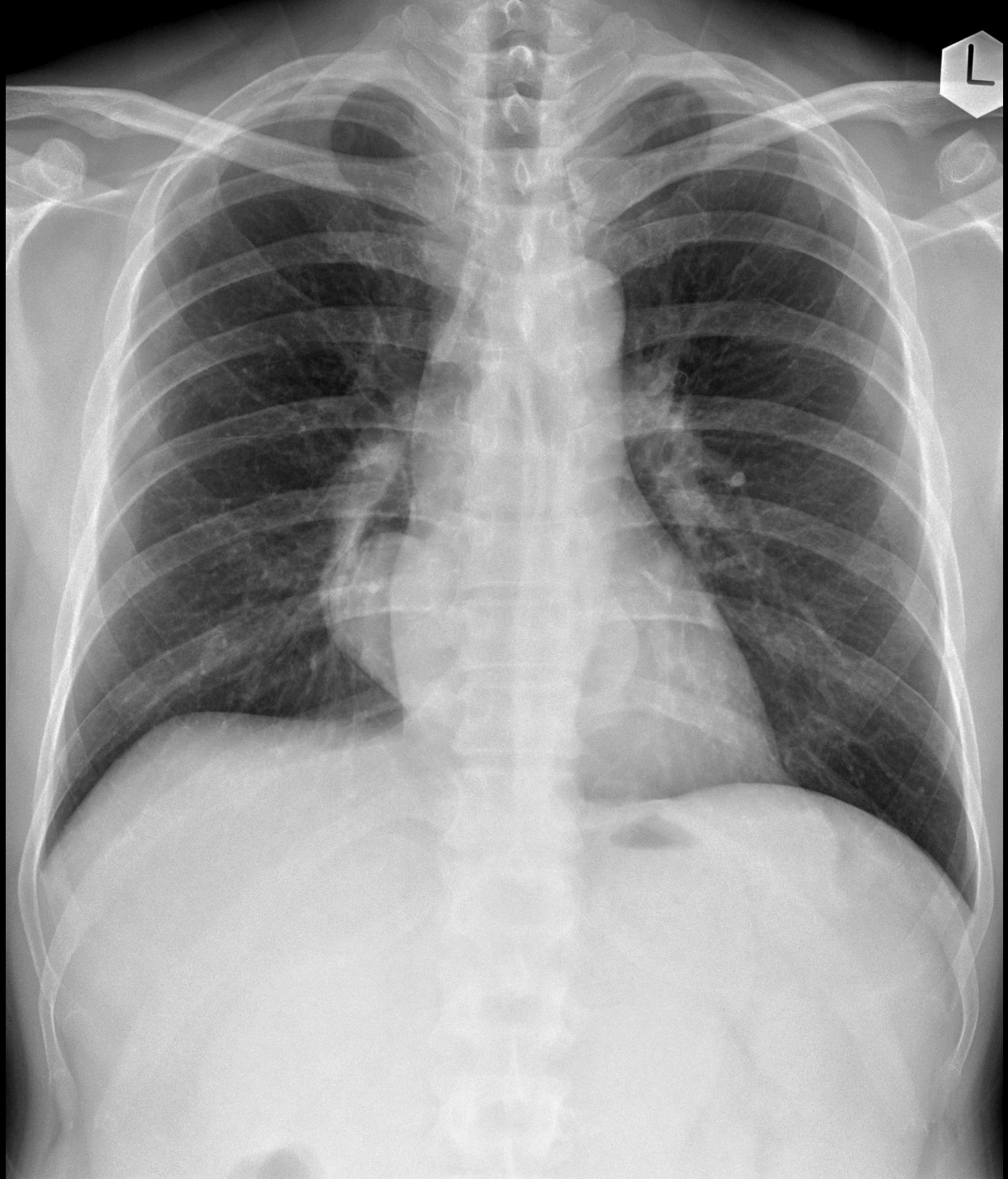
Q11-2



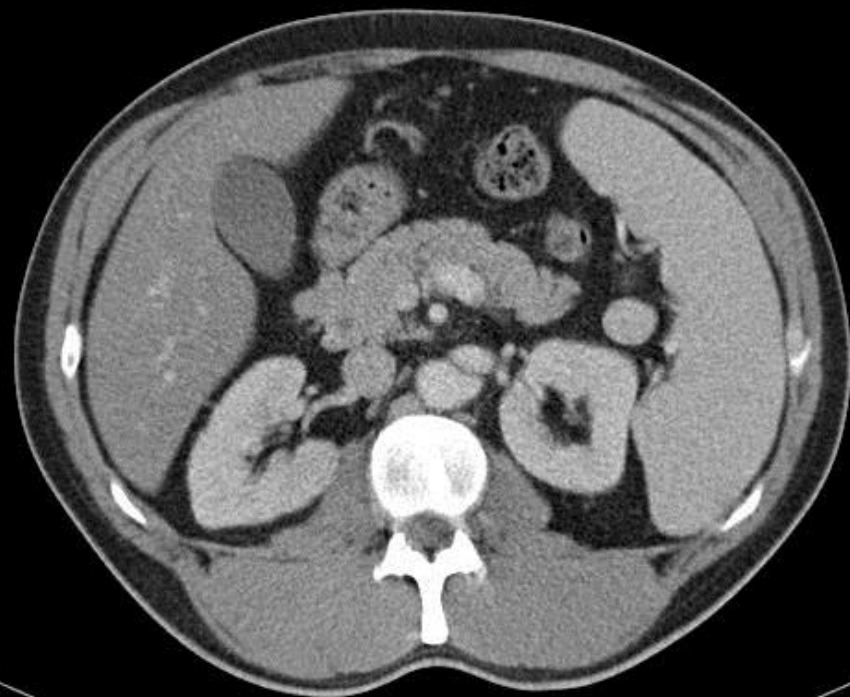
診斷：Persistent left SVC

Q12-1

- 53y/o Male
- Health check-up



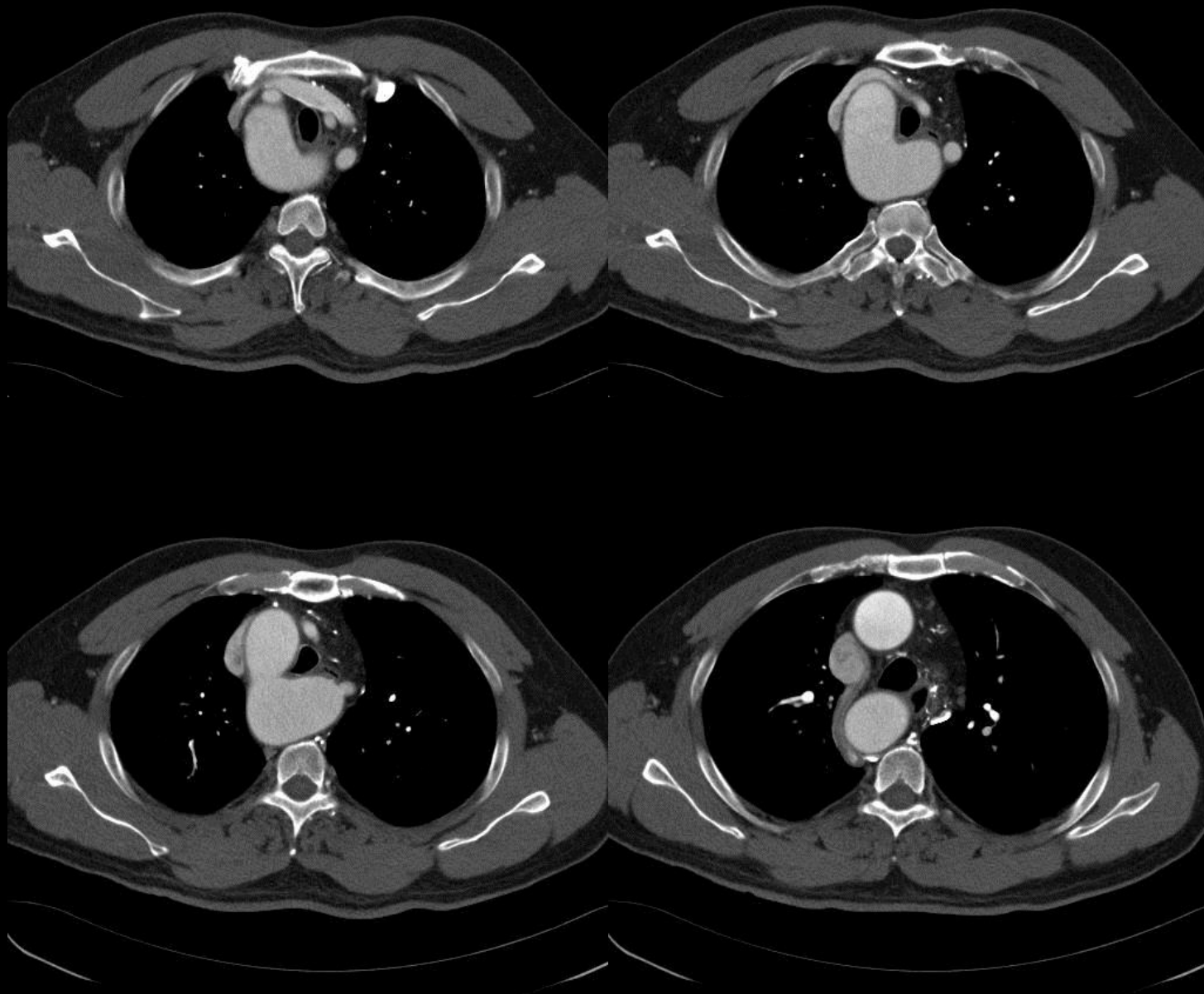
Q12-2

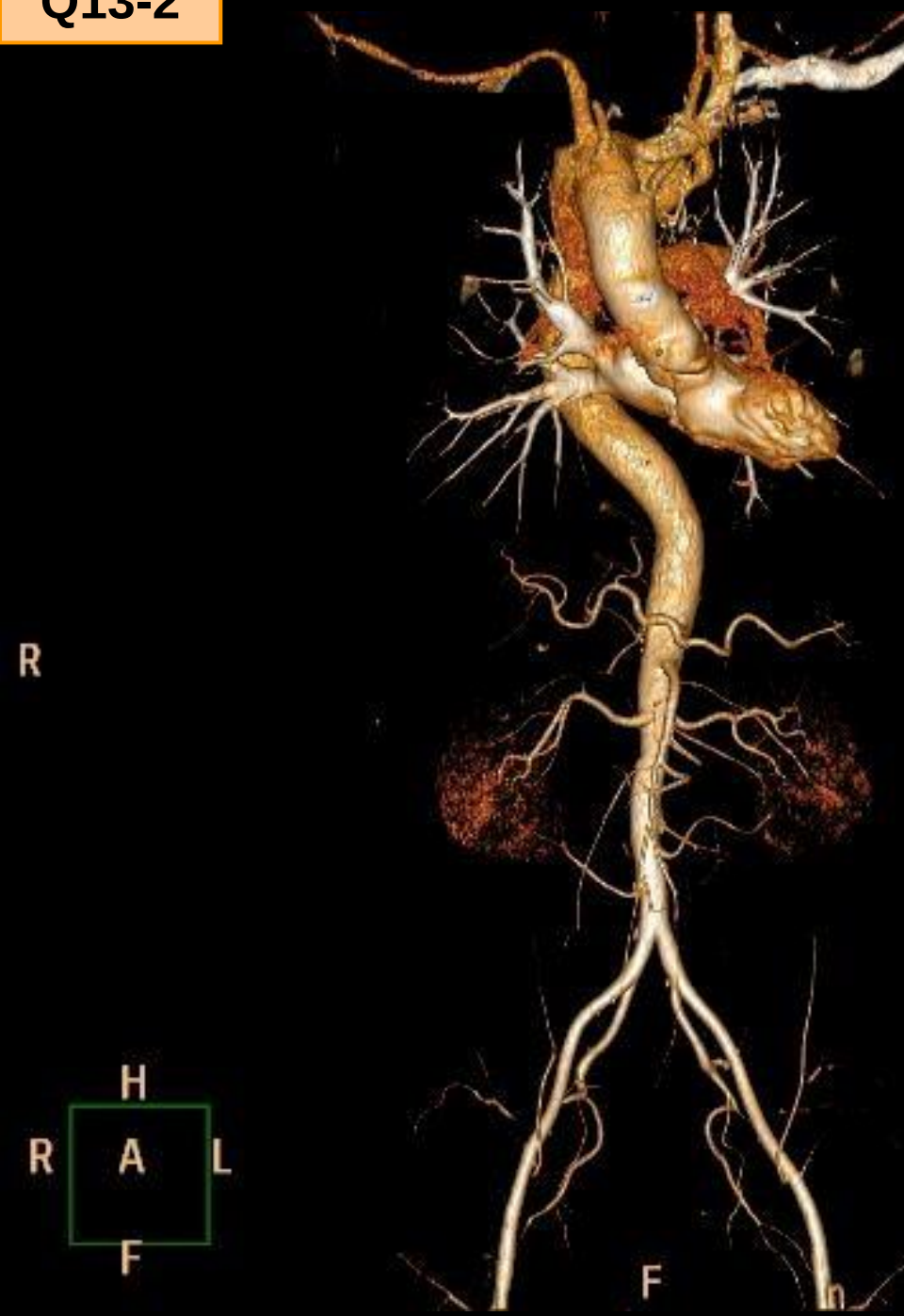


- 診斷：Extramedullary hematopoiesis

Q13-1

46y/o Male, abnormal chest X-ray

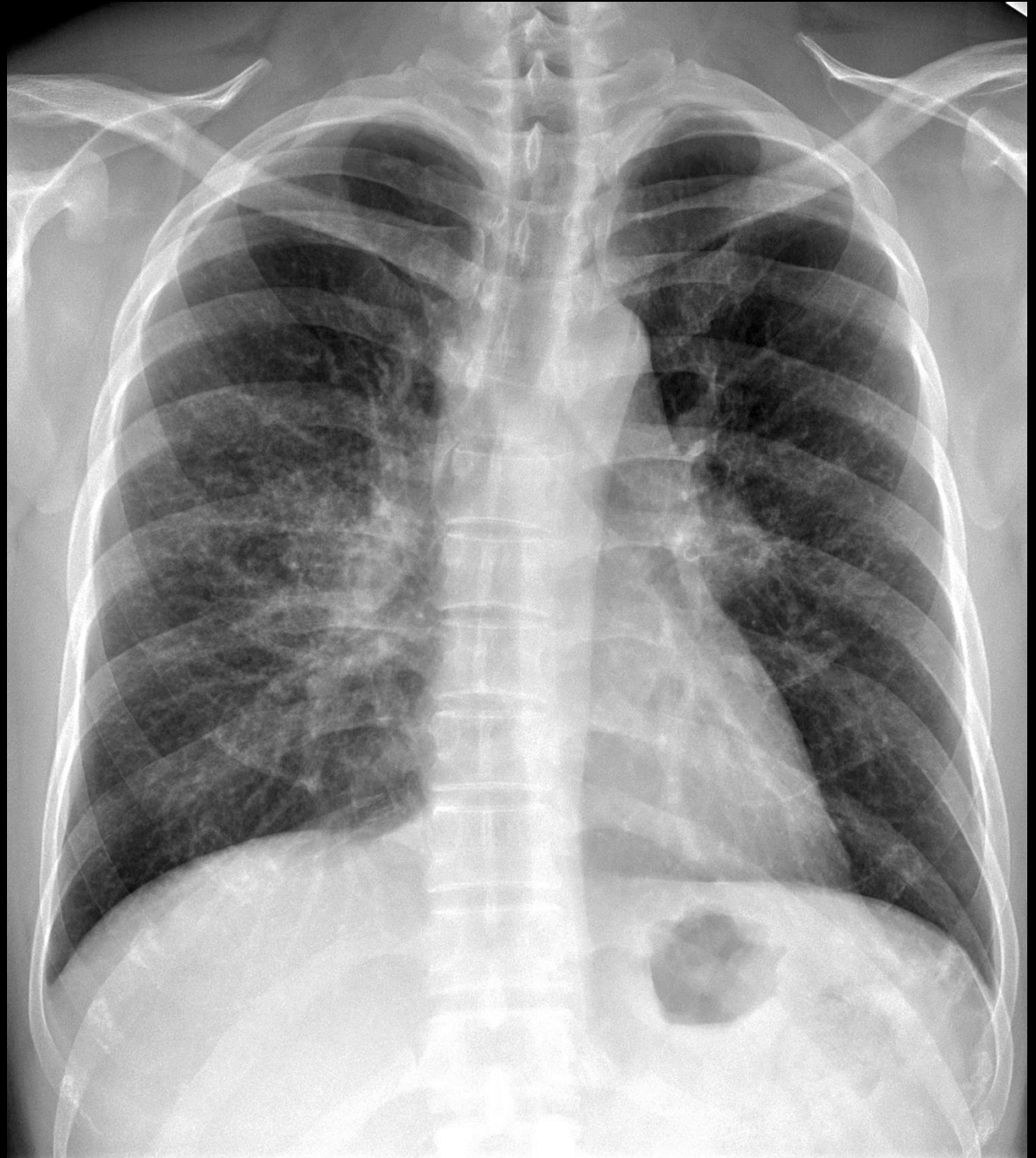




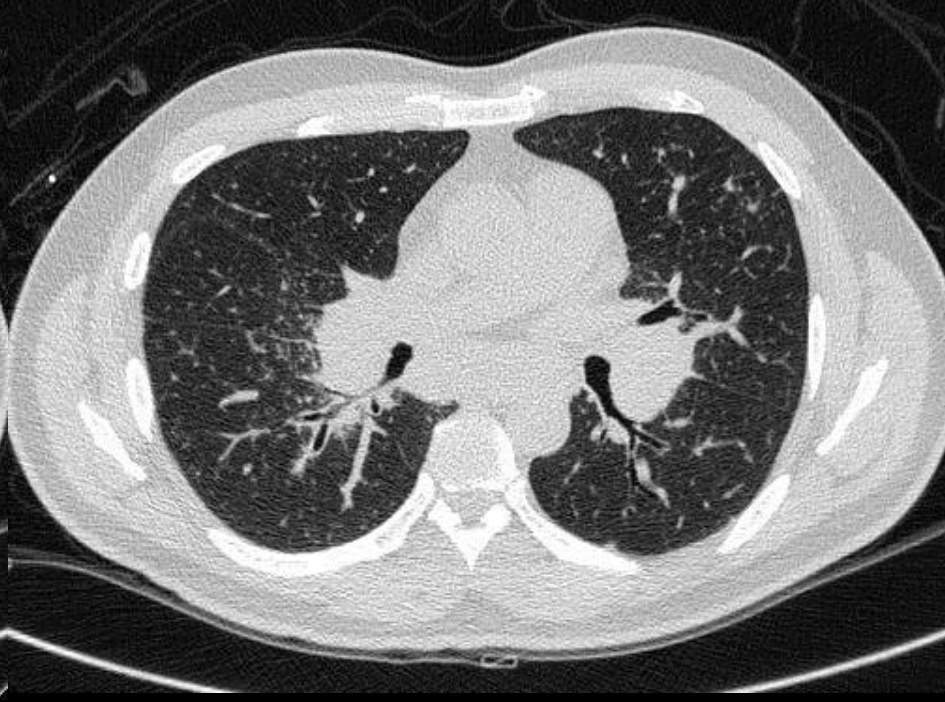
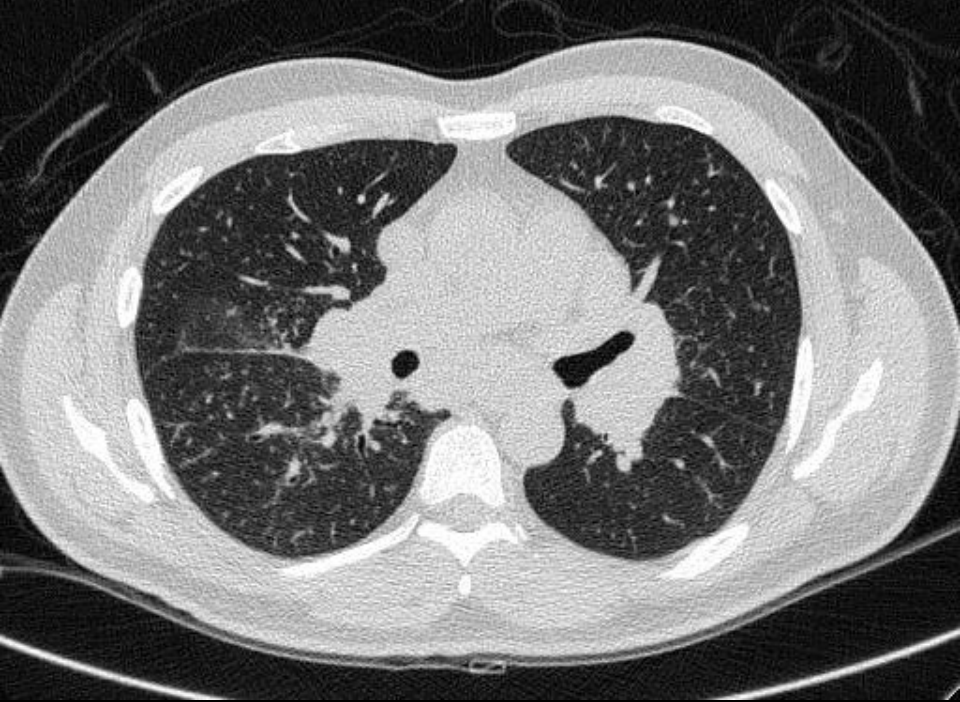
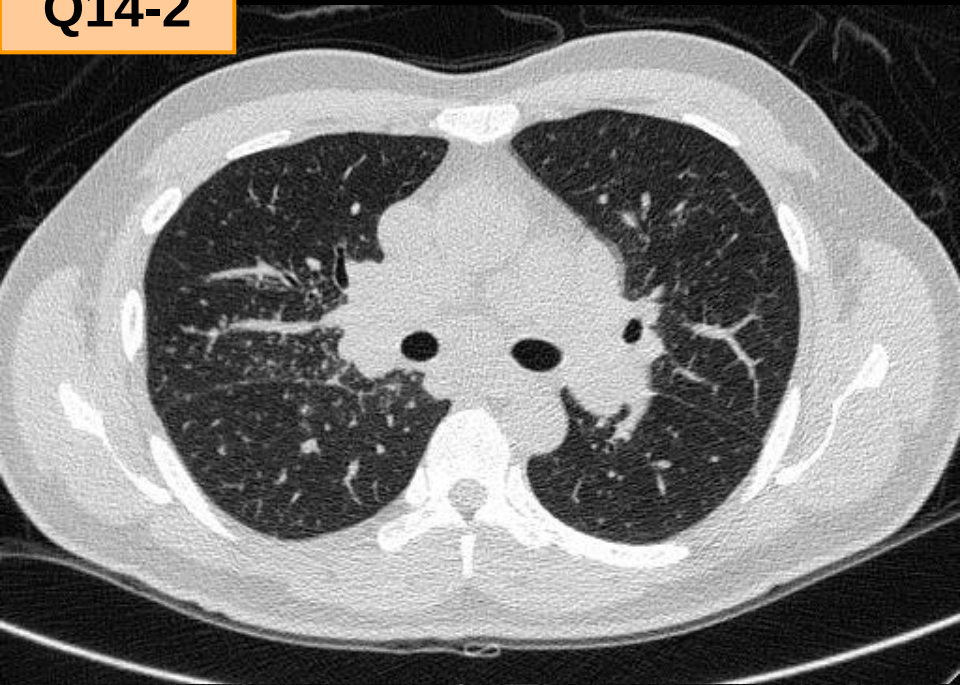
診斷: Right-sided aorta, aberrant left subclavian artery, and Kommerell's diverticulum

Q14-1

- 40y/o Male
- Dry cough for 3 months
- 請寫出診斷及stage



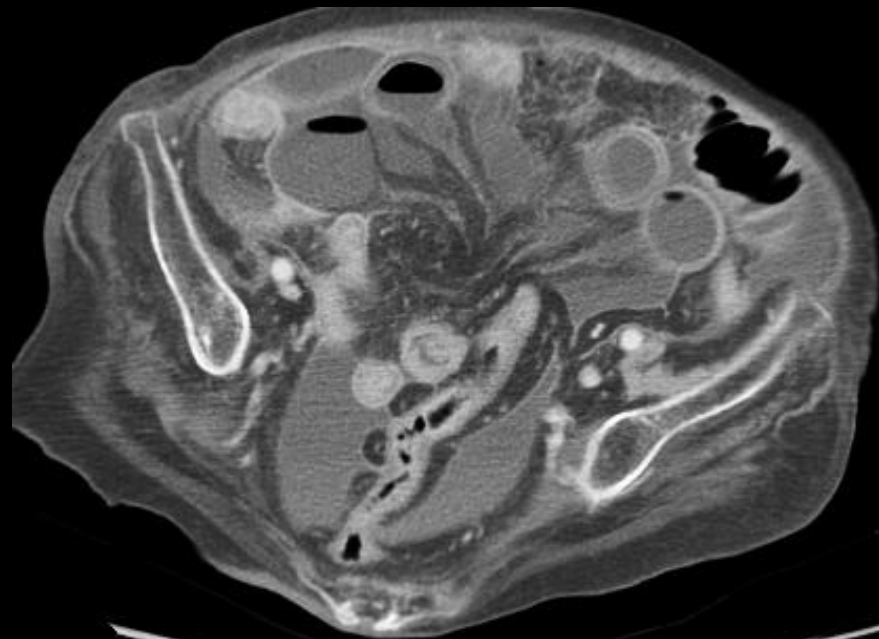
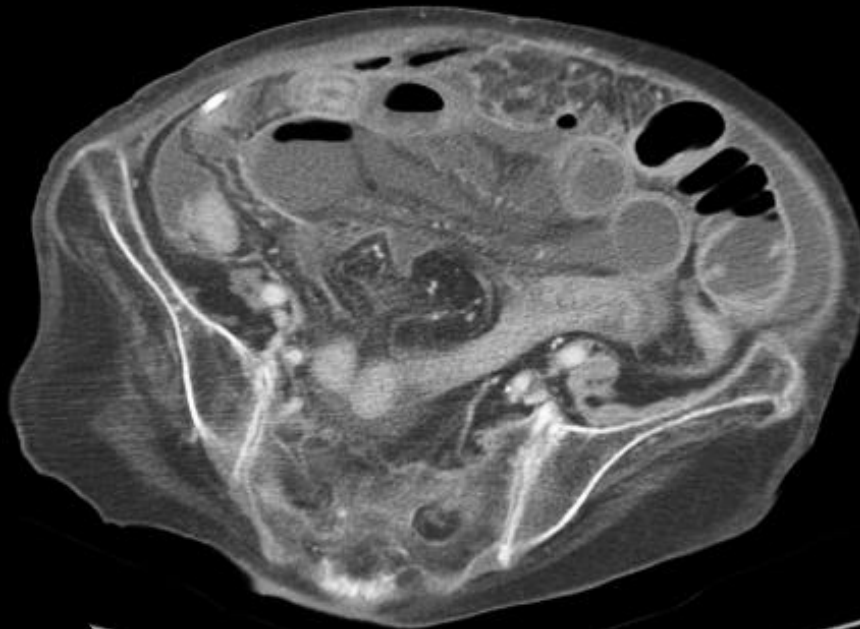
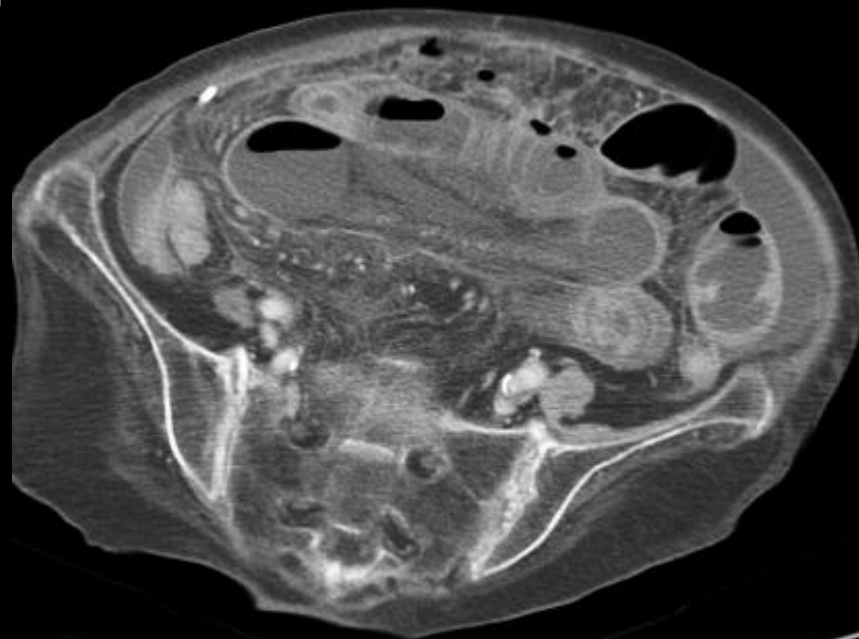
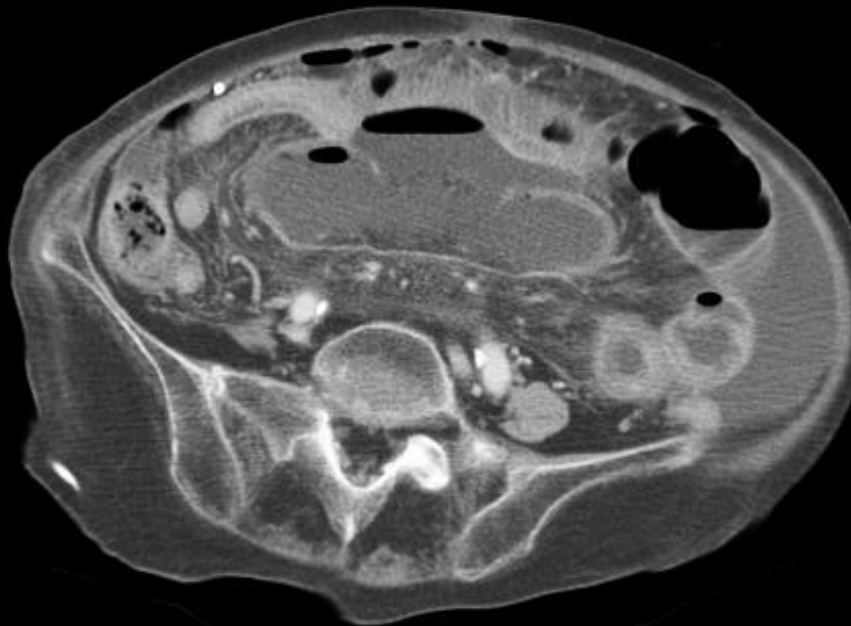
Q14-2



診斷：Sarcoidosis, stage 2

Q15

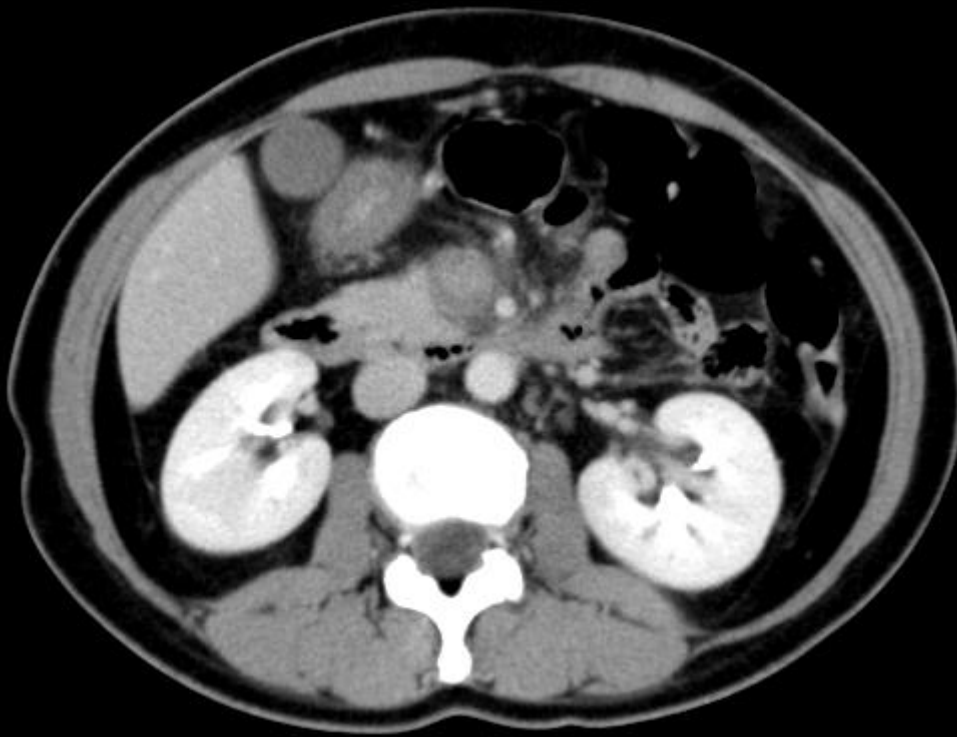
84y/o female abdominal pain



Ans : Internal hernia with bowel gangrene,
perforation and abscess formation

Q16

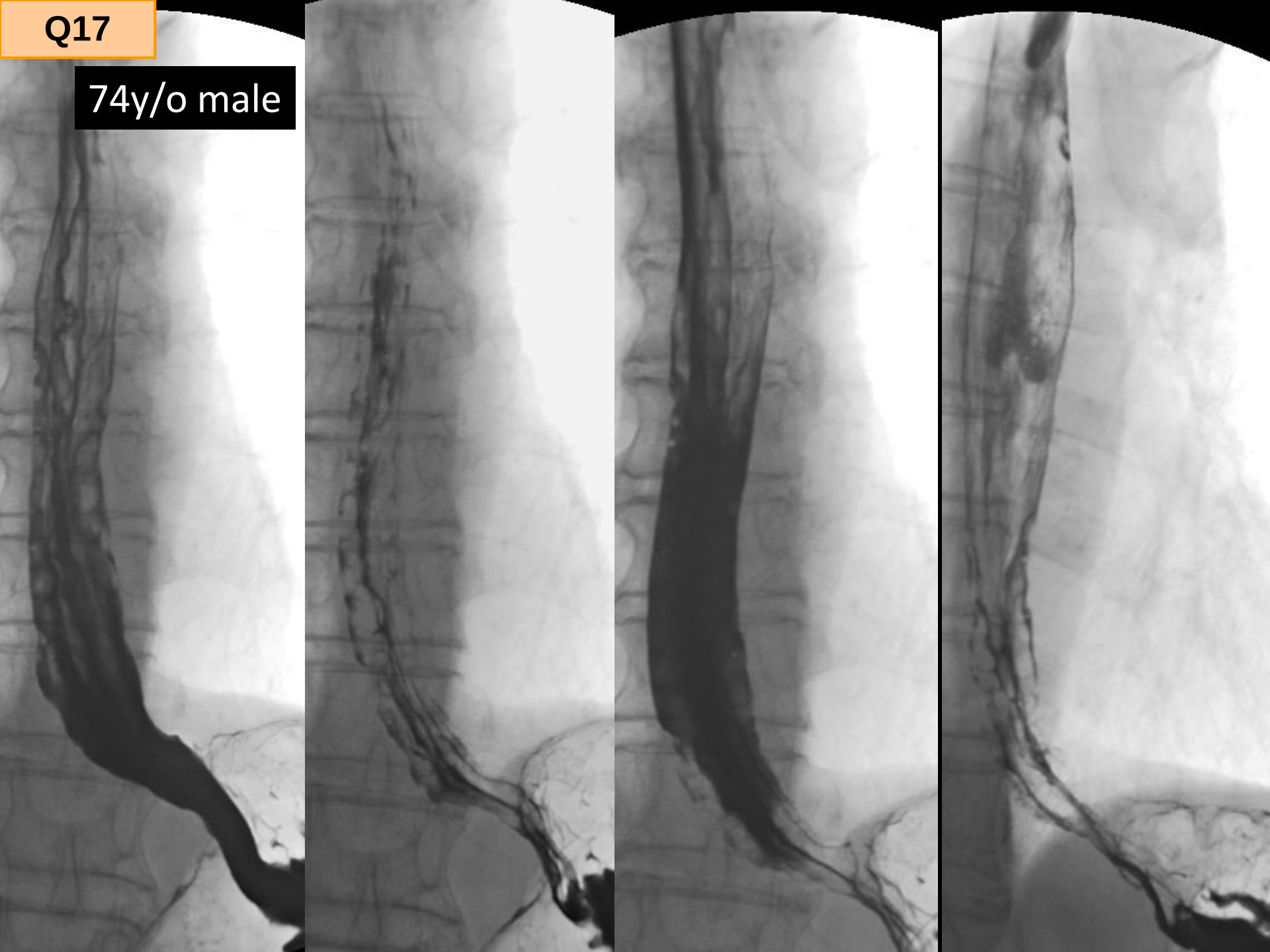
47y/o female RUQ pain



Ans : SMV thrombosis

Q17

74y/o male



Ans : Esophageal varices

Q18

48y/o male

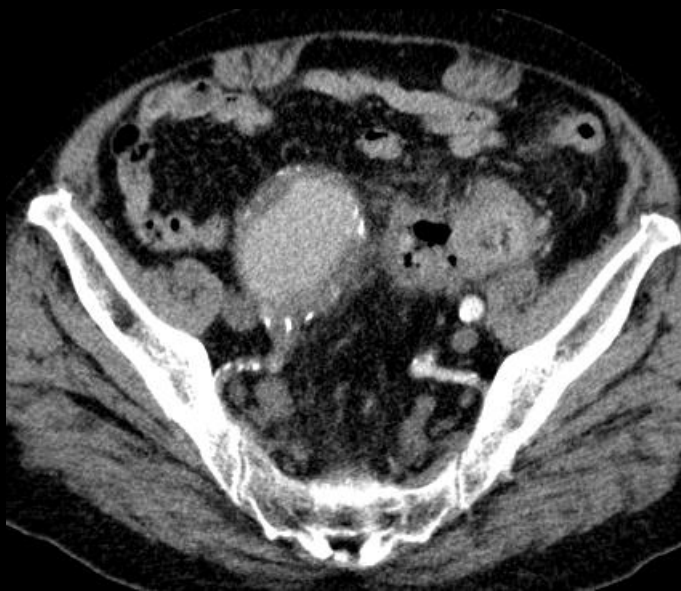


Ans : encapsulating peritoneal sclerosis

Q19

84 y/o male abdominal pain

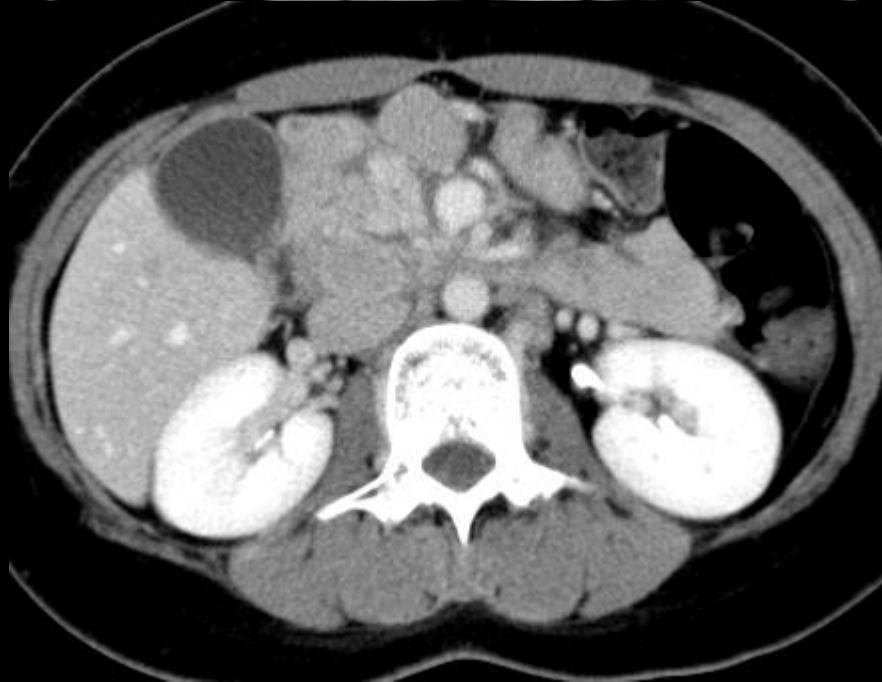
請寫出兩項主診斷



Ans : 1.Abdominal aortic aneurysm
2.Colon cancer, sigmoid

Q20

28y/o female 請問這是何種
pancreatic lesion?



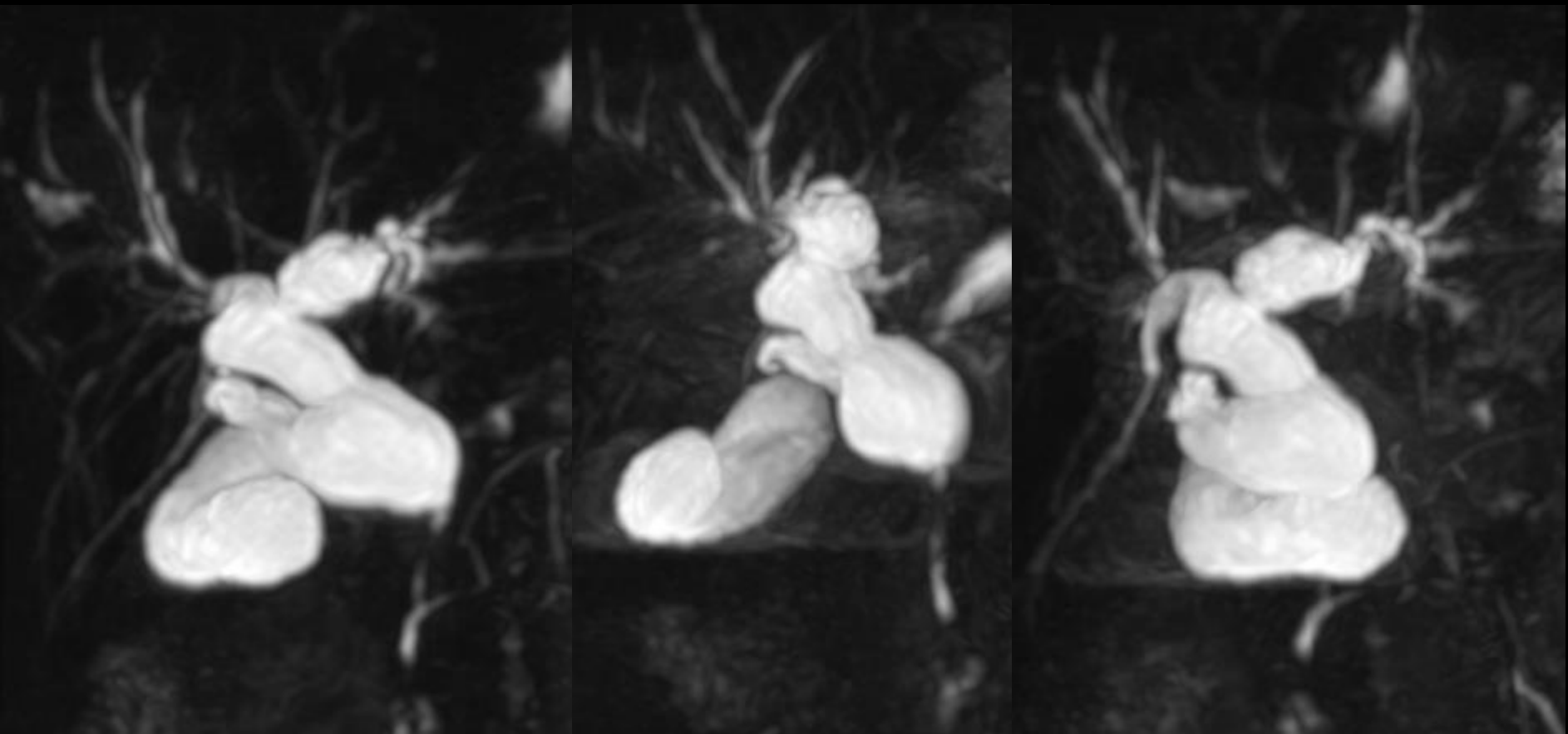
Ans: Pancreatic neuroendocrine tumor

Q21

Female 26y/o

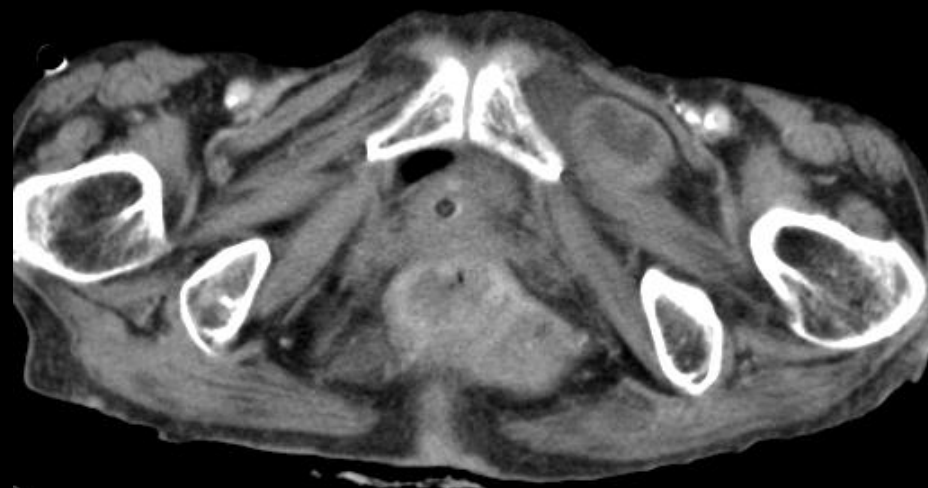
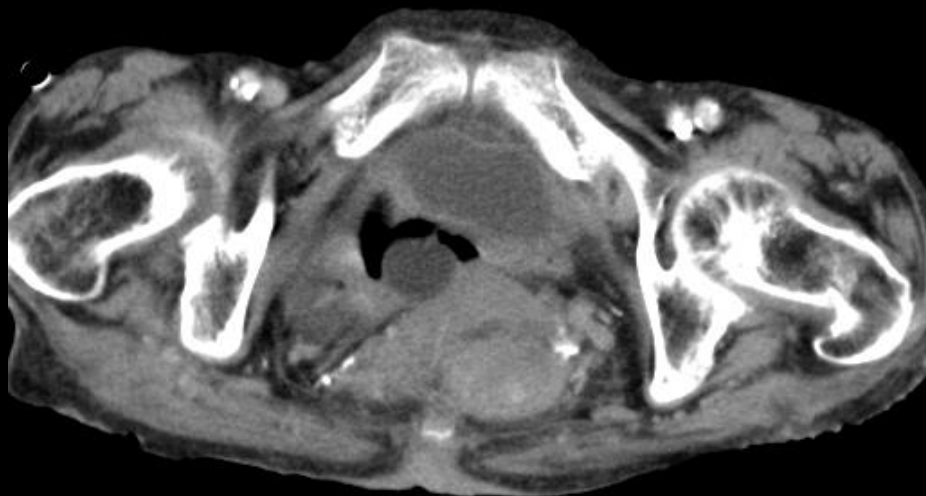
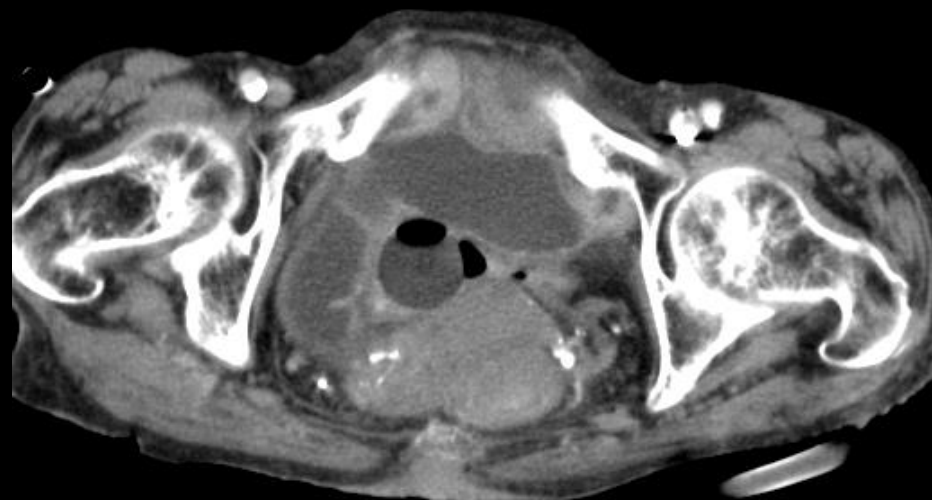
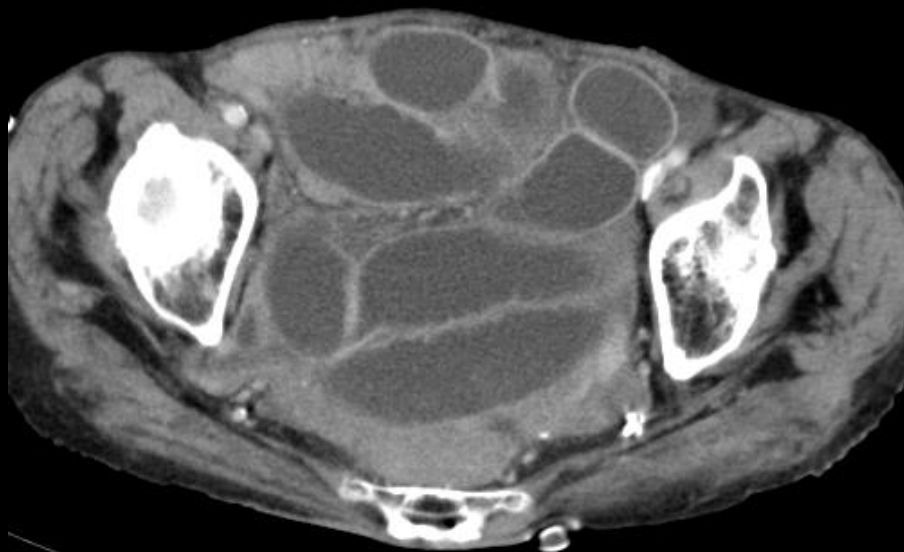
Diagnosis?

Which type?



Ans: Choledochal cyst; Type IV

Female 90 y/o



Ans: incarcerated obturator hernia

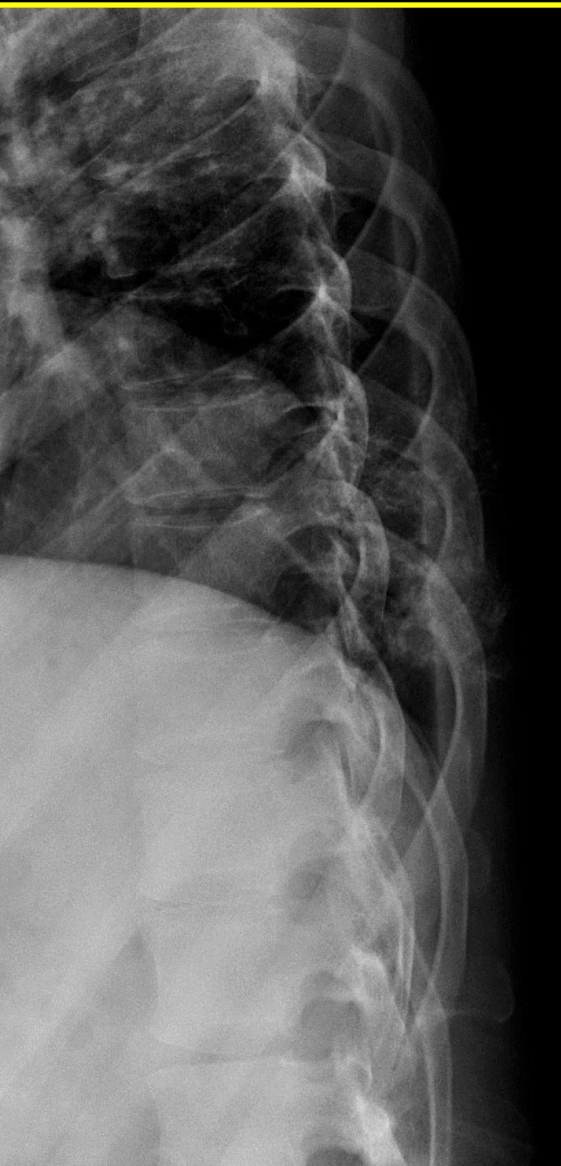
Q23

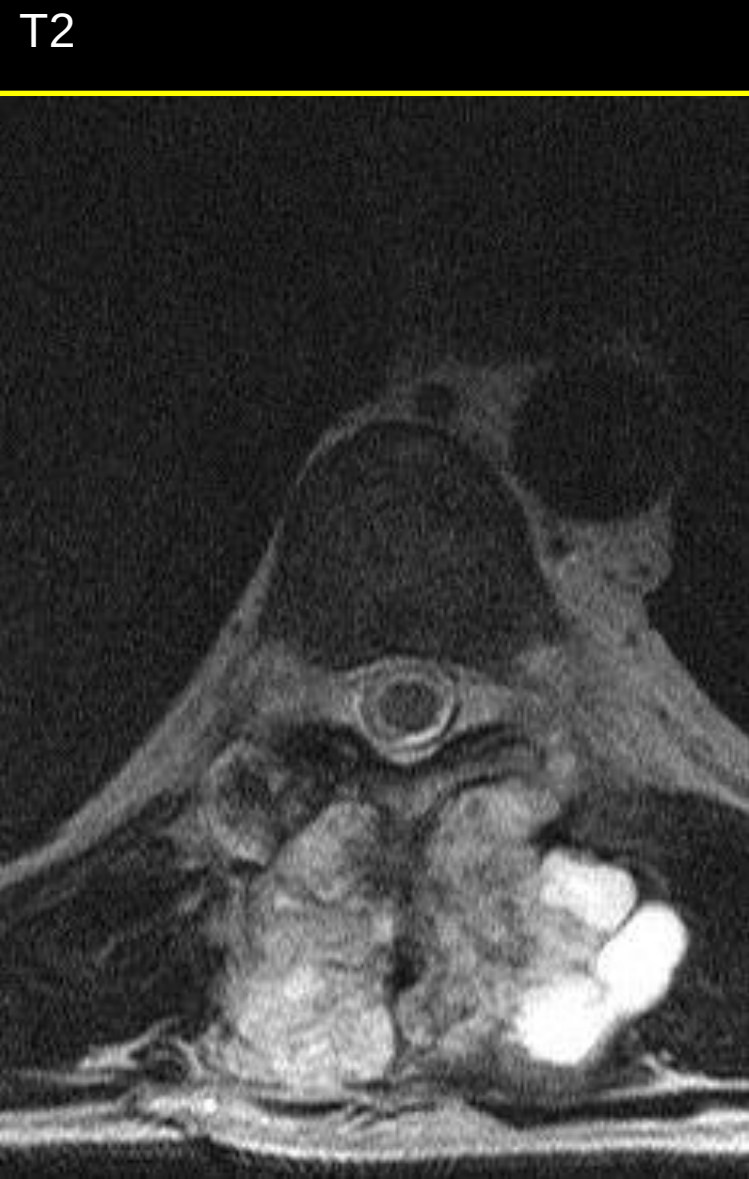
Male 13 y/o, after traffic accident



Ans: anterior superior iliac spine (ASIS) avulsion fracture, R't

30 y/o male, back pain for months





Ans: chondrosarcoma, T-spine

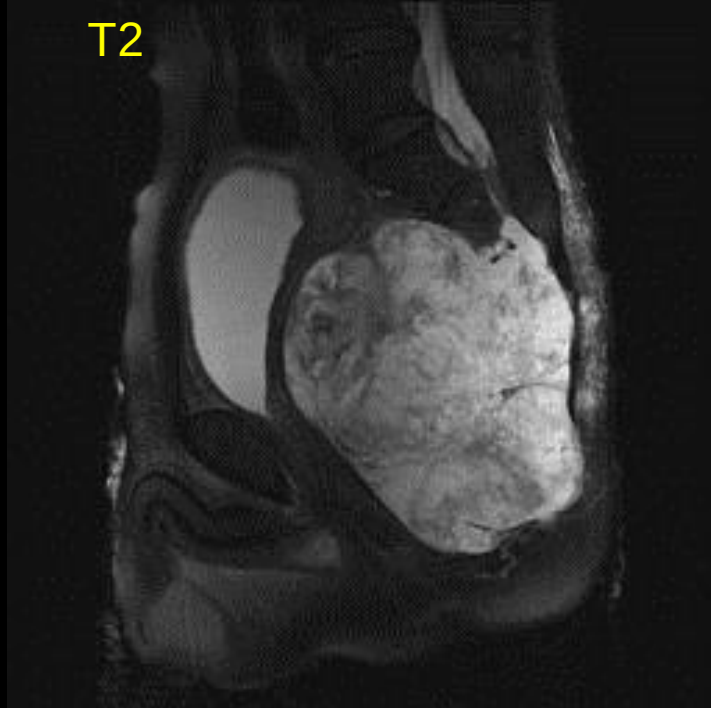
Q25-1

64 y/o male, sacral pain

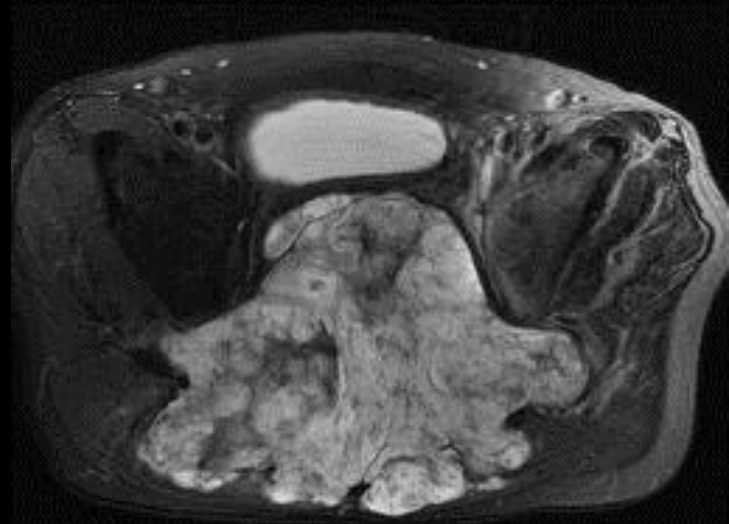


Q25-2

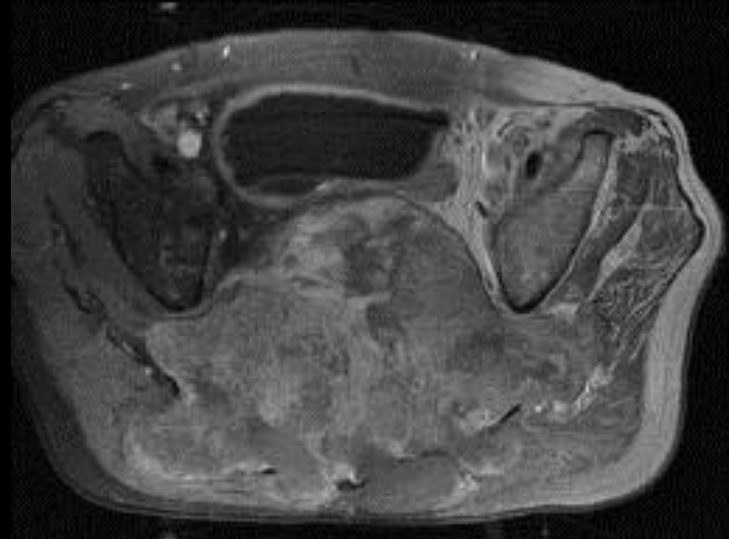
T2



T2



T1

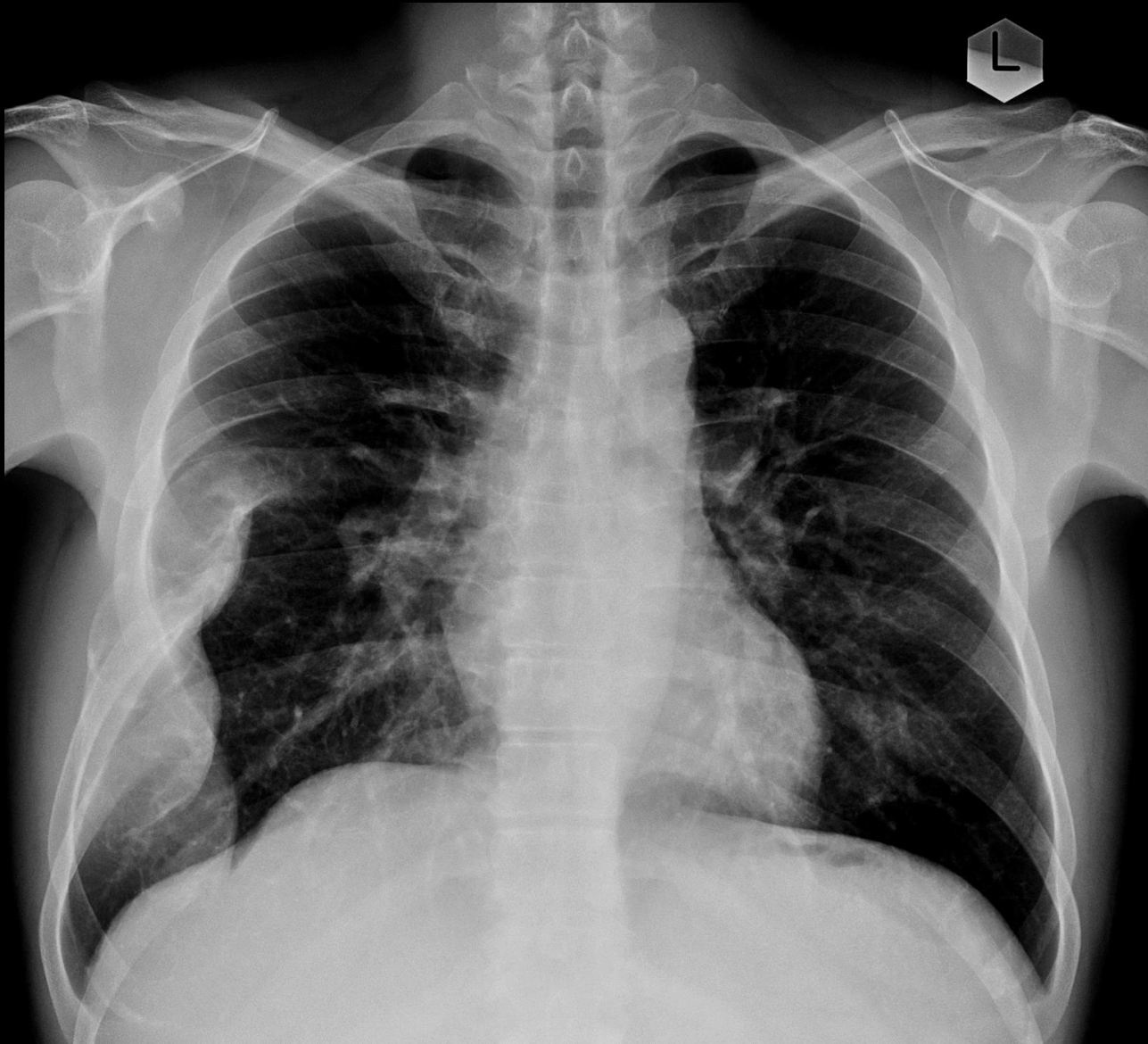


T1 C+

Ans: sacral chordoma

Q26-1

35 y/o male, came for health exam





Ans: fibrous dysplasia, R't 7th rib

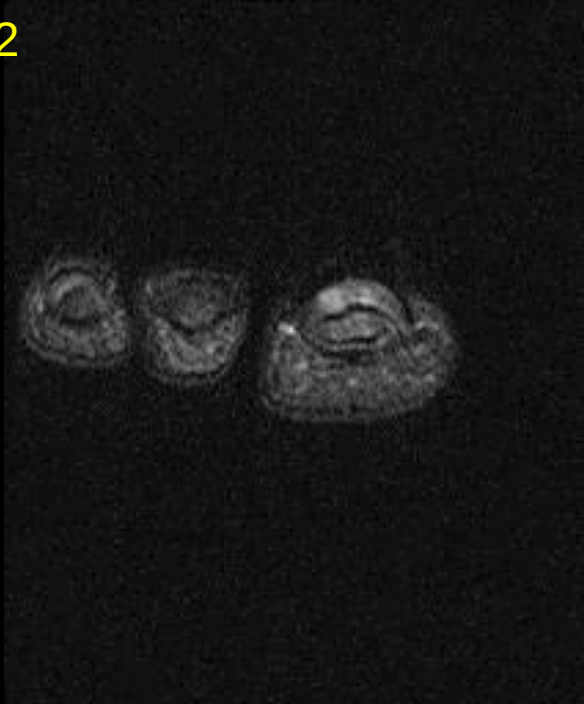
13 y/o female with left knee pain



Ans: giant cell tumor, L't distal femur

50 y/o female, R't big toe pain

T2



T1



T1 C+



Ans: subungual glomus tumor, R't big toe

Q29-1

18y/o male, incidental finding on plain film

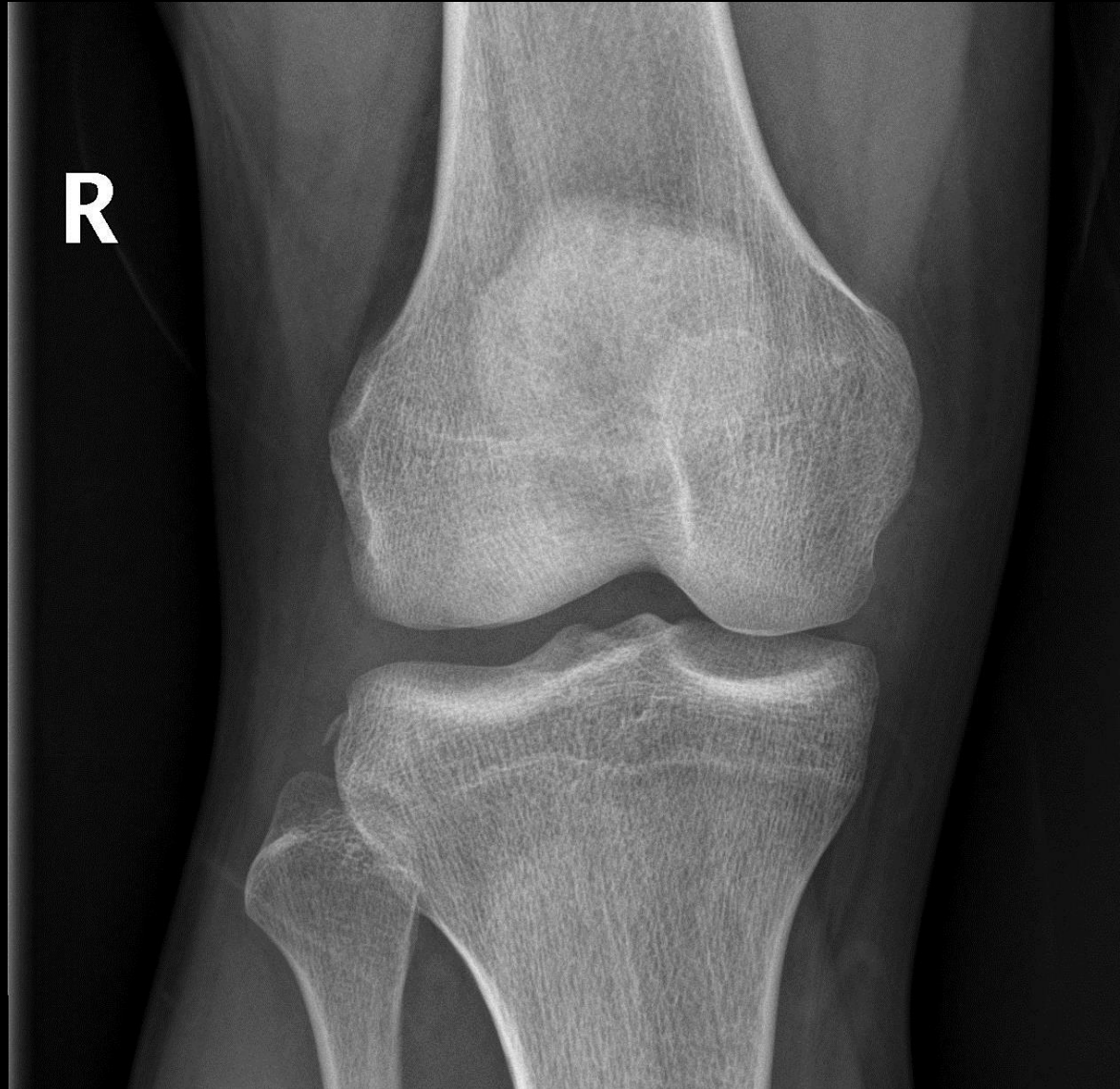


Q29-2



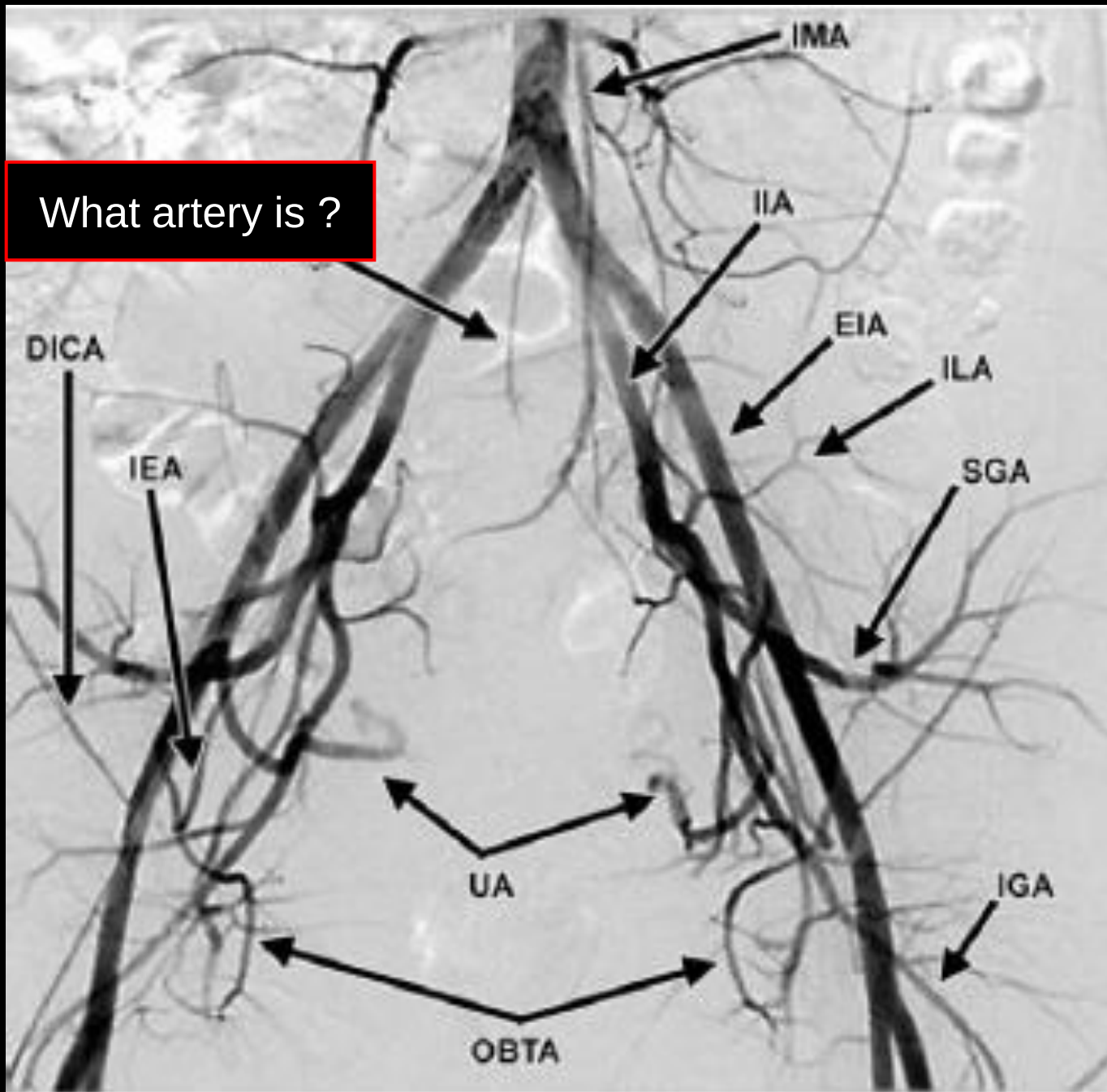
Ans: simple bone cyst, L't calcaneus

19 y/o male, after sport injury



Ans: Segond fracture, R't knee

What artery is ?



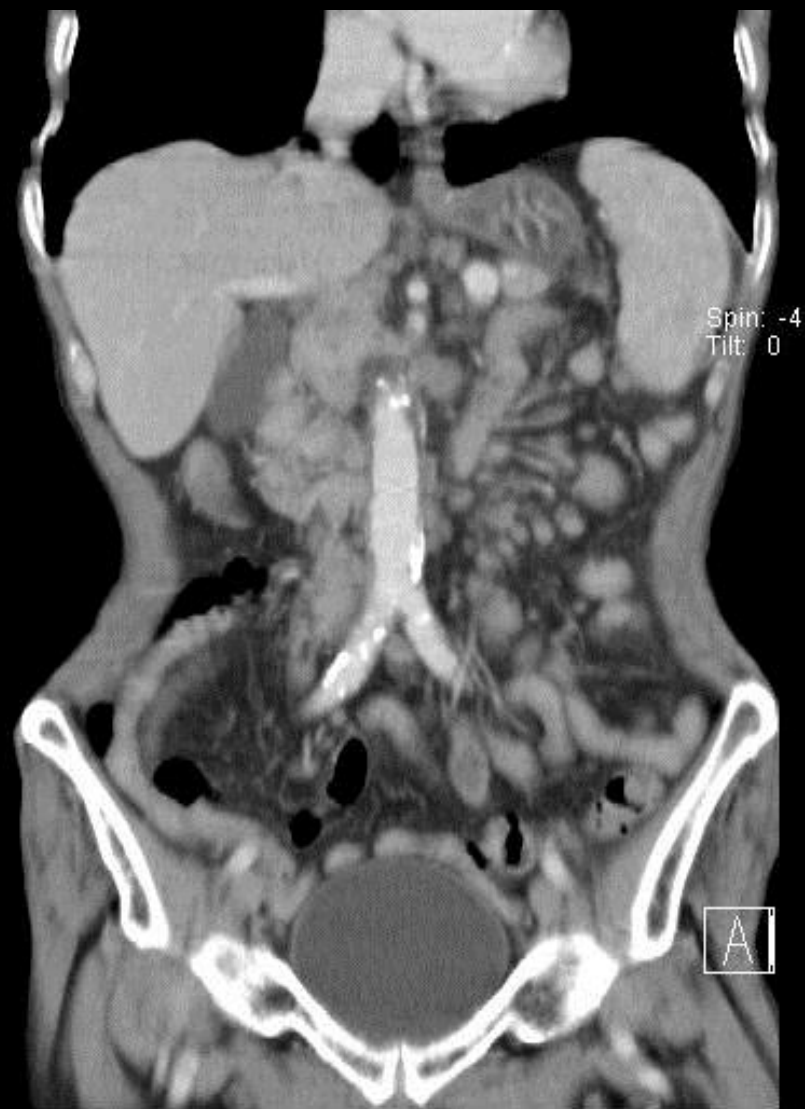
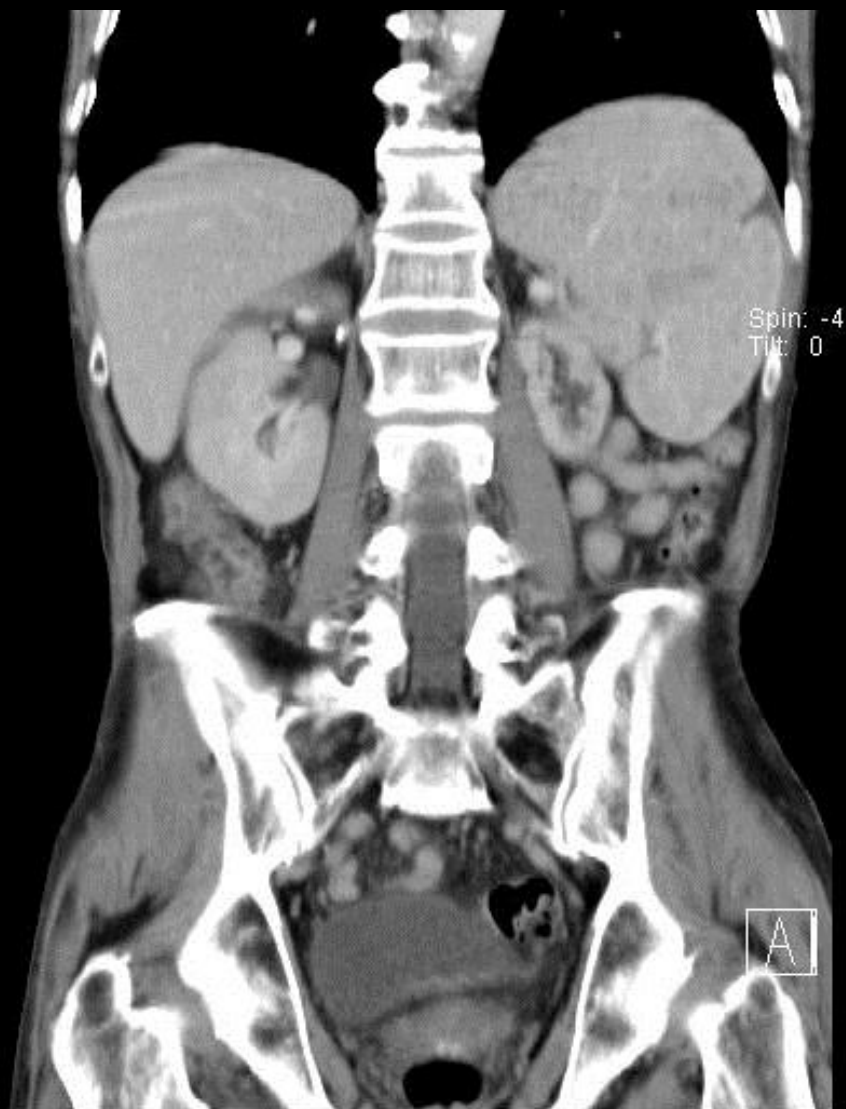
Ans: median sacral artery

Q32-1

85 y/o male

CC: B W loss for month





Ans : Lymphoma

Q33

Female 41y/O
CC: R't flank pain

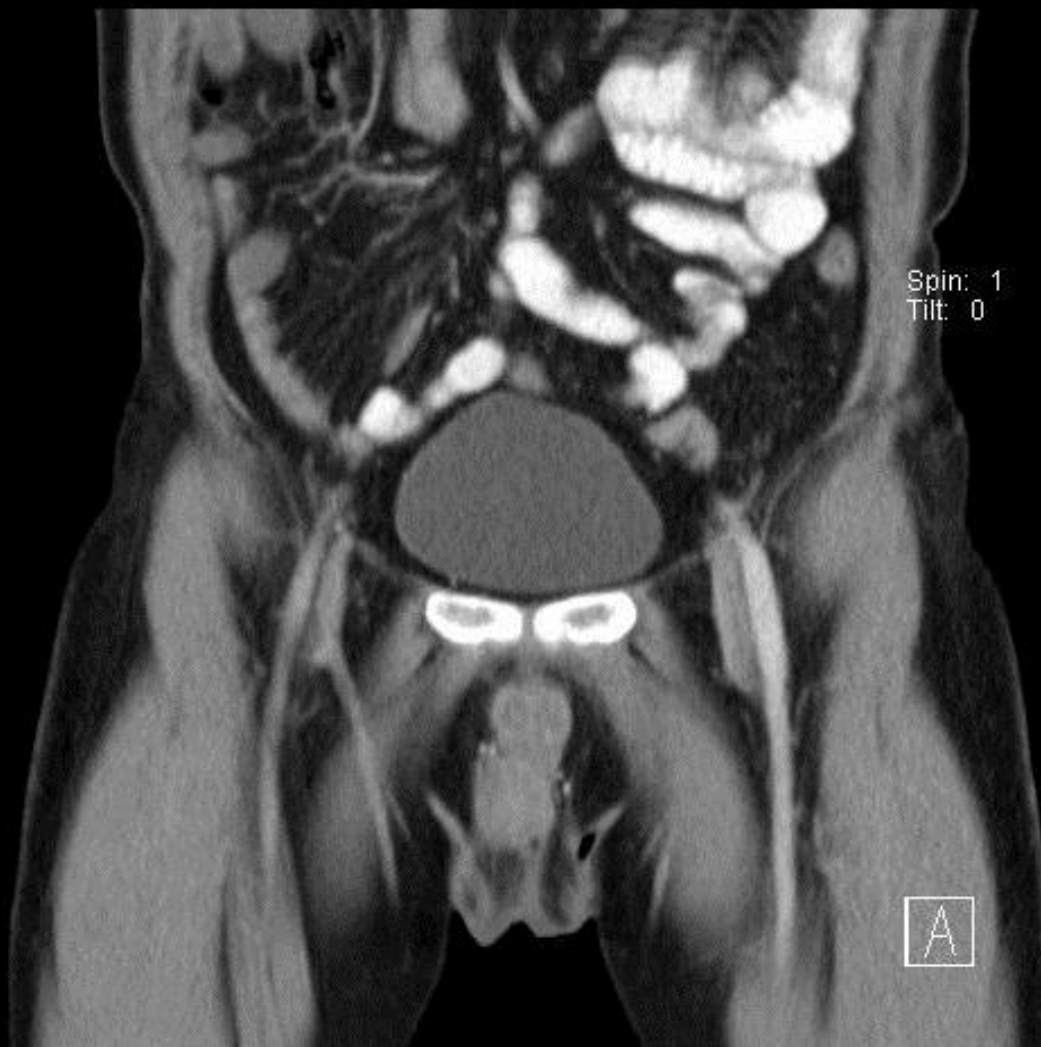


Ans : AML

Q34-1

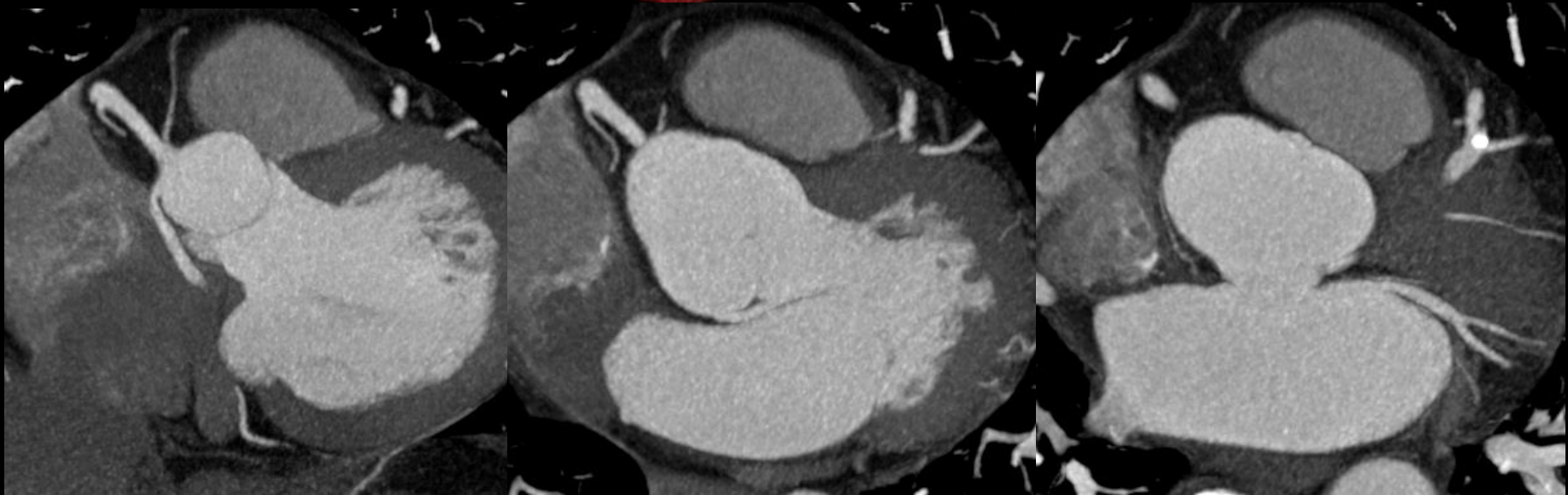
55y/o Male,
CC:palpable Mass perineum near scrotum.





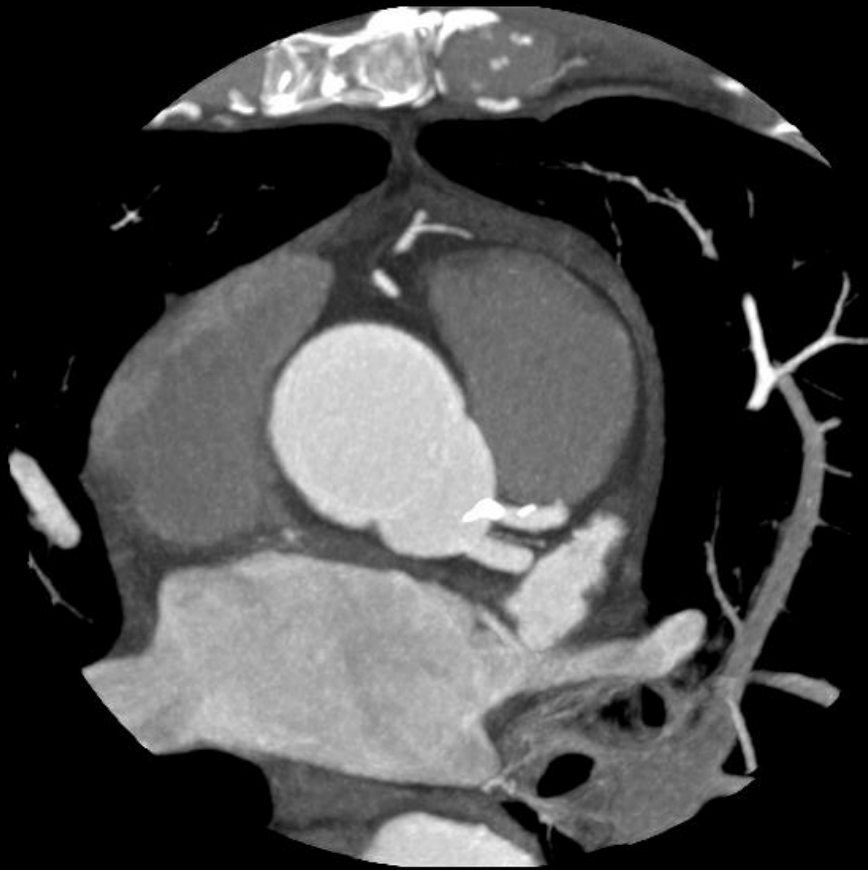
Ans : Lymphoma

56 y/o male patient for cardiovascular screening study.
No risk factors for cardiovascular disease



Ans : Anomalous origin of LCx from right coronary sinus of Valsalva with anomalous course(retroaortic course).

59y/o M, physical exam



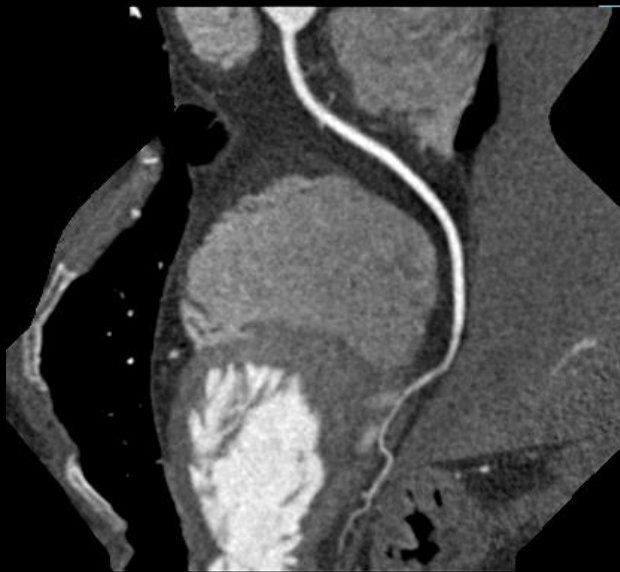
Ans : Absence of left main coronary artery
(split origination of left coronary artery)

69 y/o Female. Chest pain



Ans : Double SVC

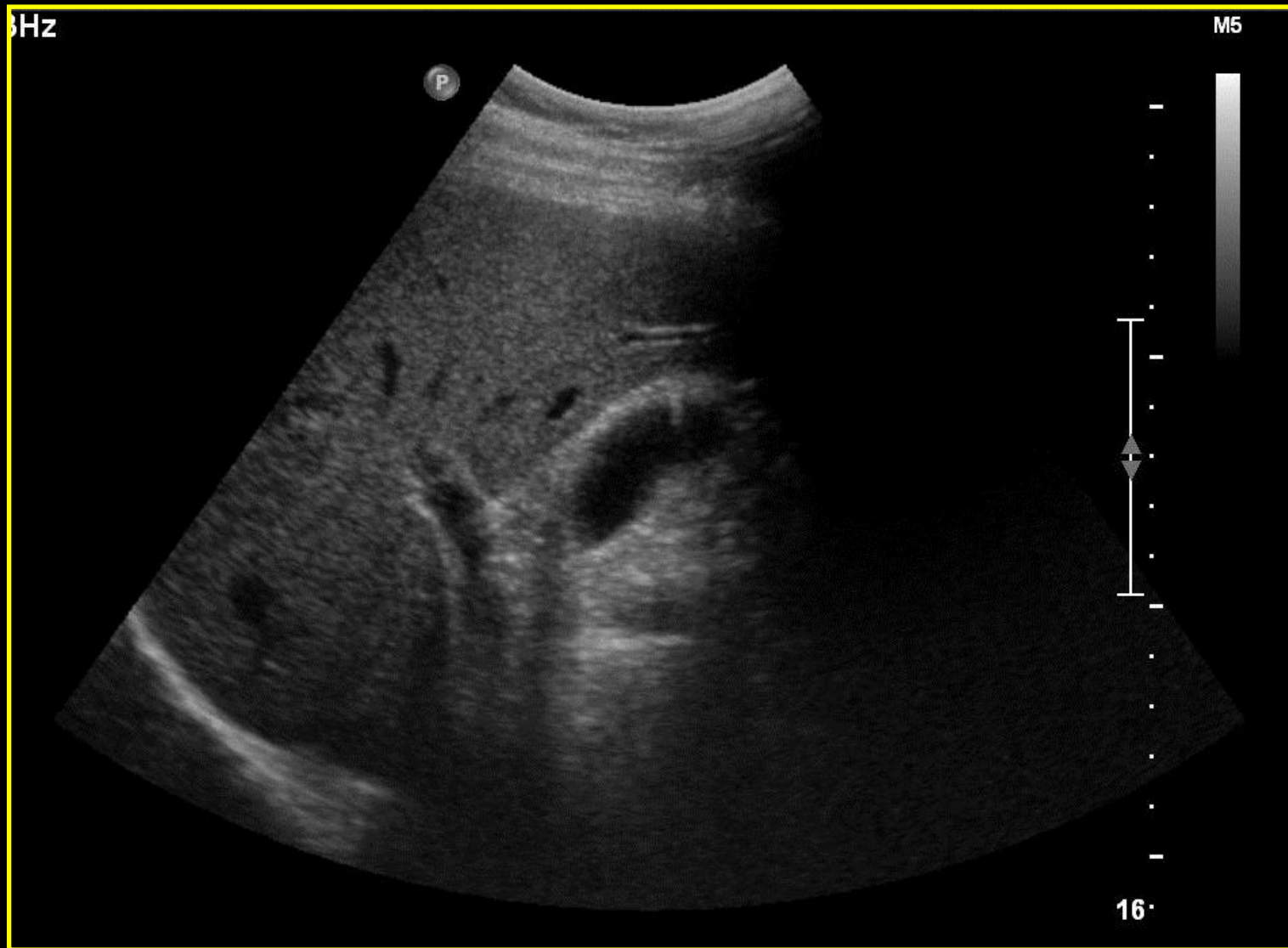
60 y/o Female, physical exam



Ans : Myocardium bridge, PDA.

Q39

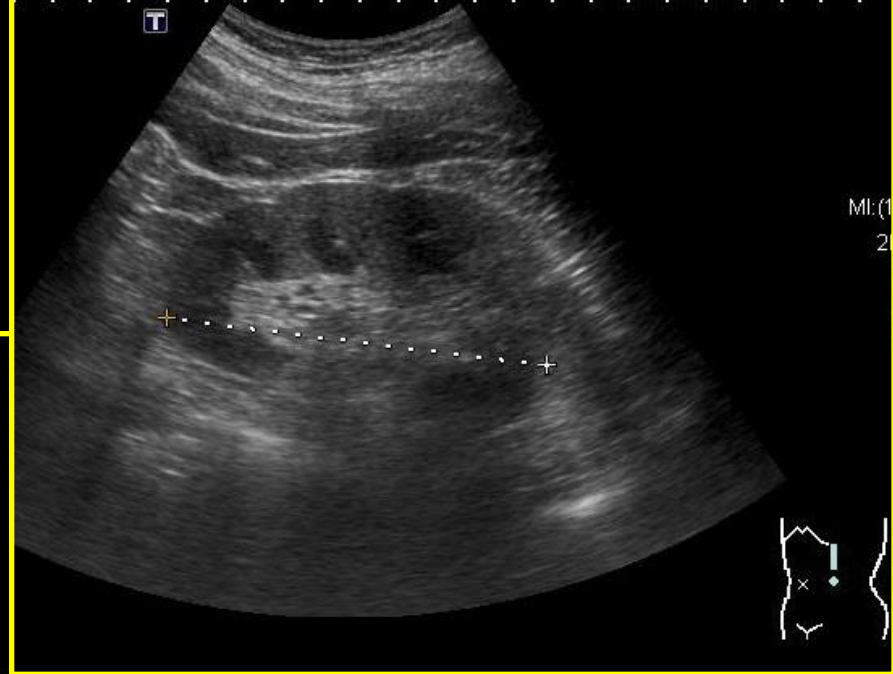
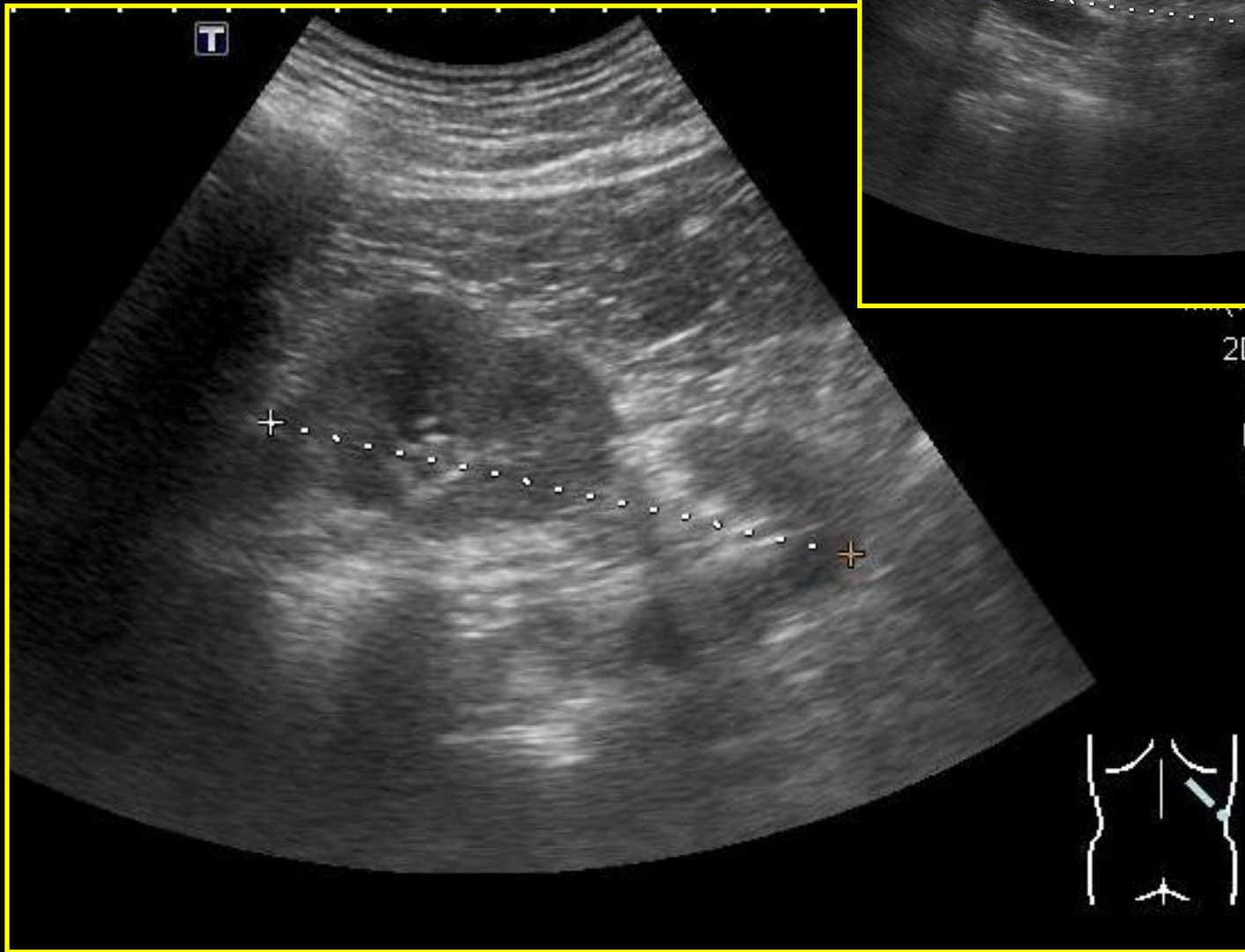
43 y/o male
came for health exam



Ans: adenomyomatosis

Q40

46 y/o male
came for health exam



Ans: renal duplication, R't

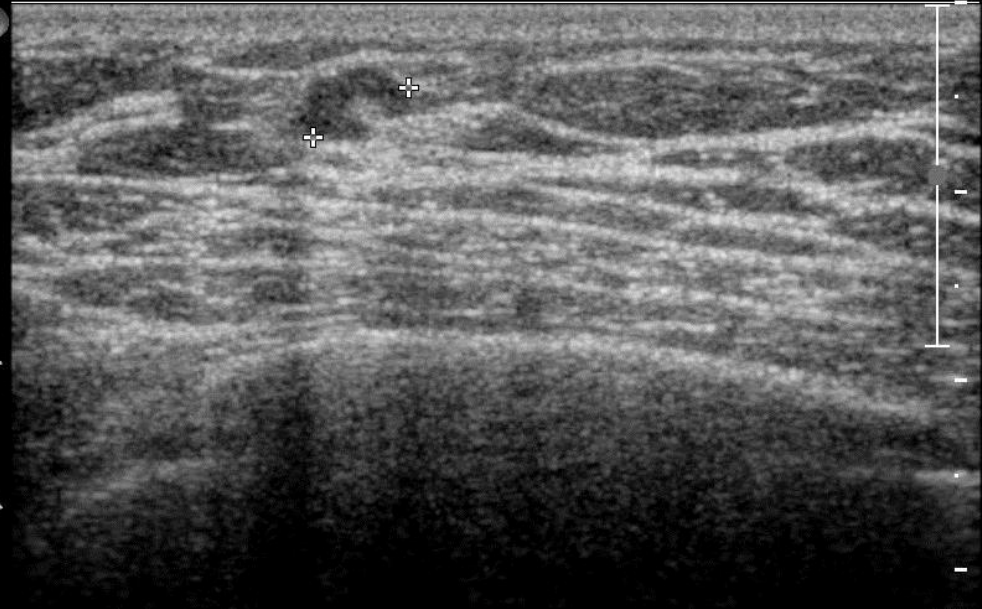
Q41

FR 48Hz
RS

M3

2D
92%
C 57
P Med
Res
TAC2

P

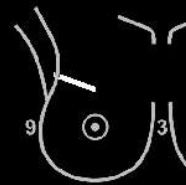
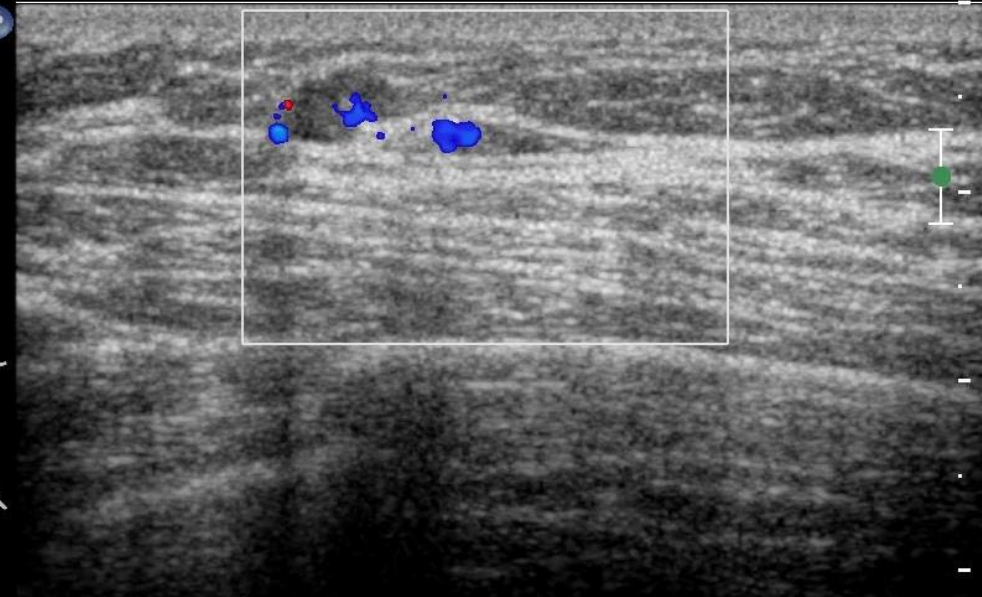


FR 9Hz
R1

M3 M5
+2.5

2D
93%
C 57
P Med
Res
TAC2
CF
77%
487Hz
WF 26Hz
Low

P

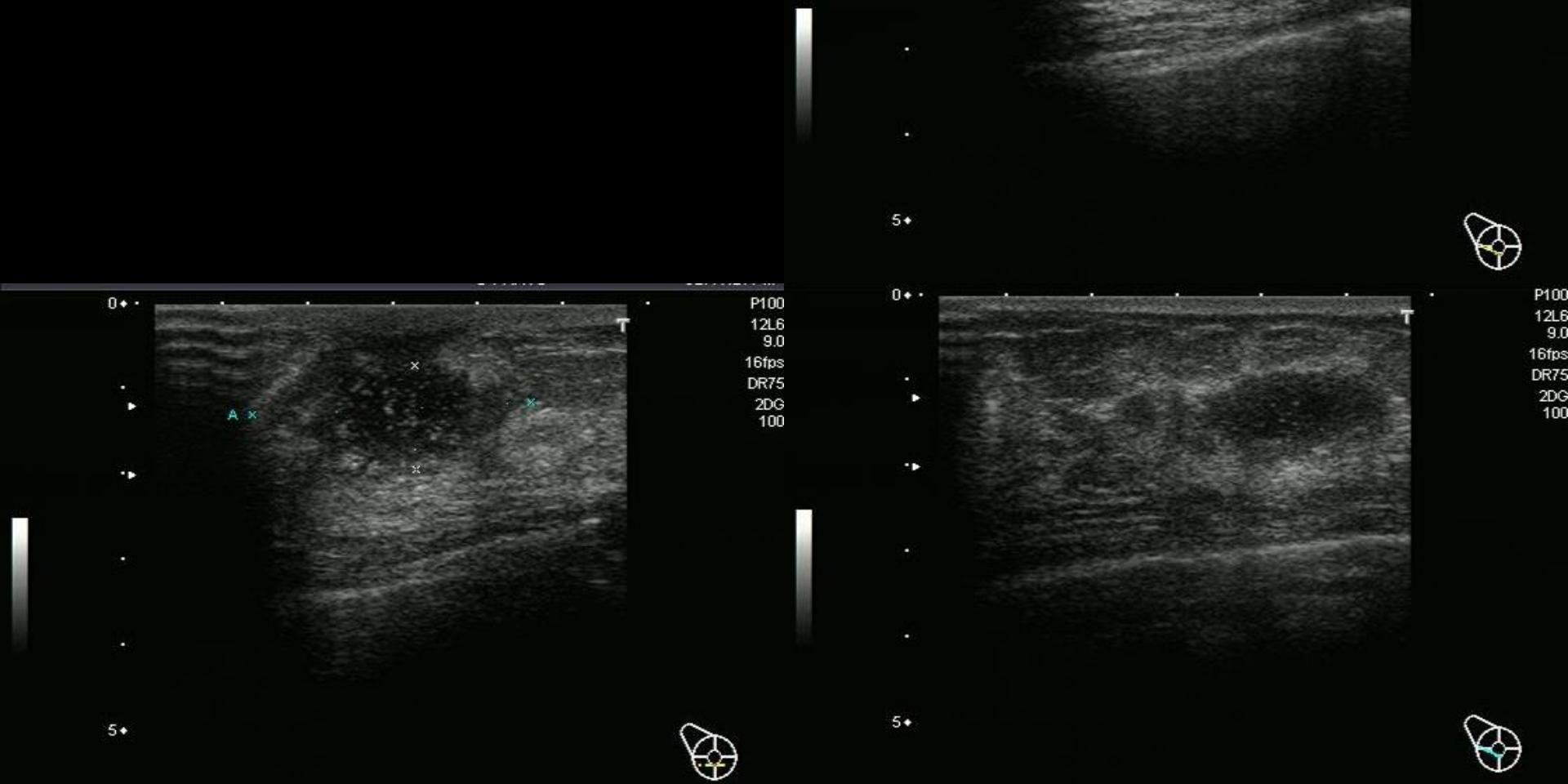


-2.5
cm/s

- 診断：Intramammary lymph node

Female 40 y/o

Right breast lump and pain



- 診斷：Breast abscess/Mastitis

Q43

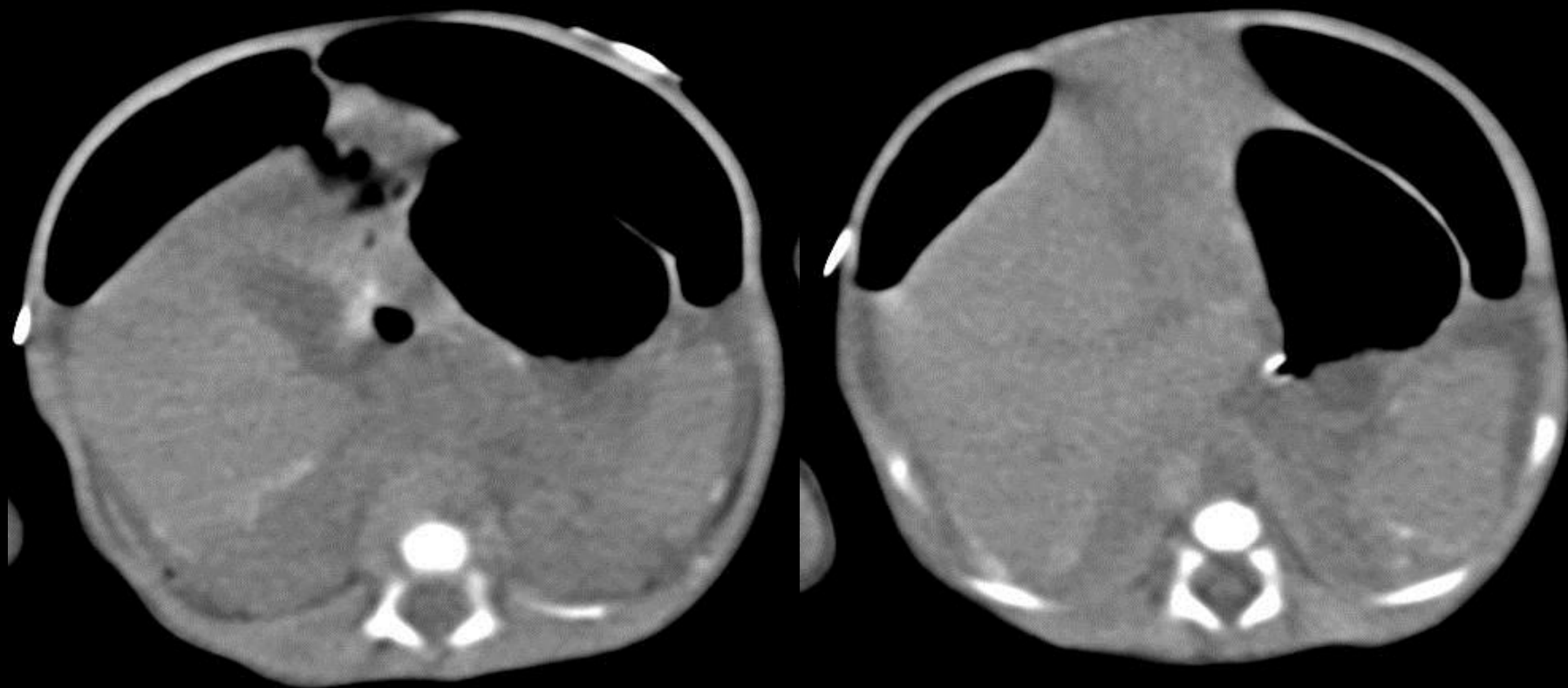
Newborn;
Diagnosis?
Type?



Ans: Tracheoesophageal fistula; type C

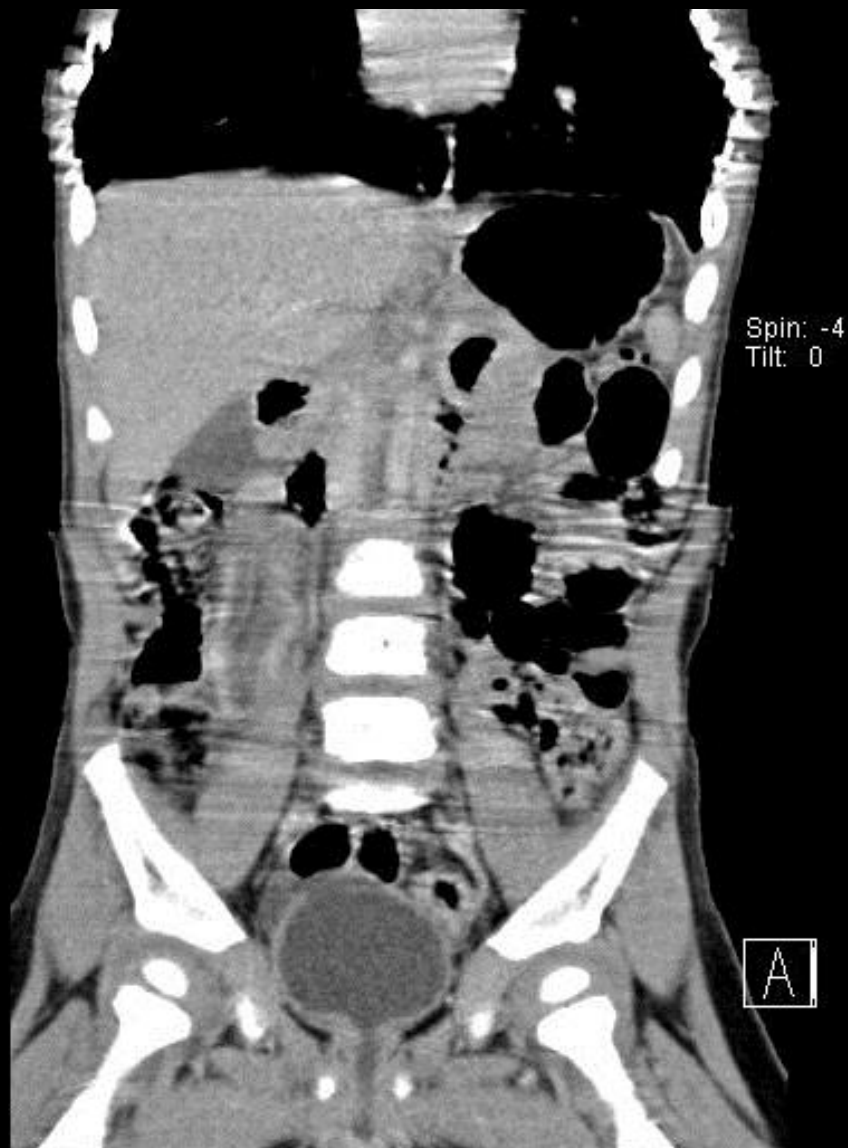
Q44

2-day-old boy



Ans: Intestinal perforation and meconium peritonitis

1 y/o boy



Ans: Completely isolated enteric duplication

Q46

I SERIES

M2

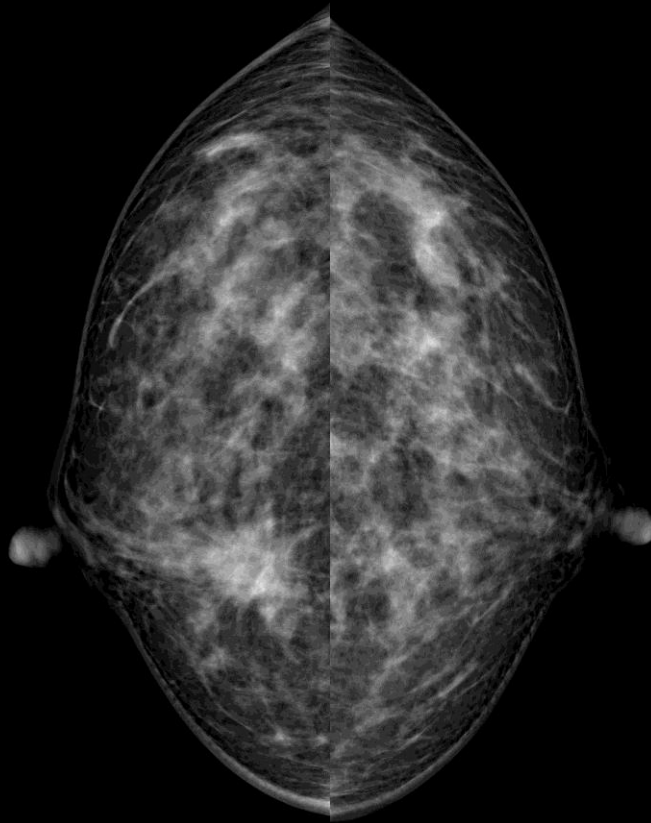
F

8 y/o girl

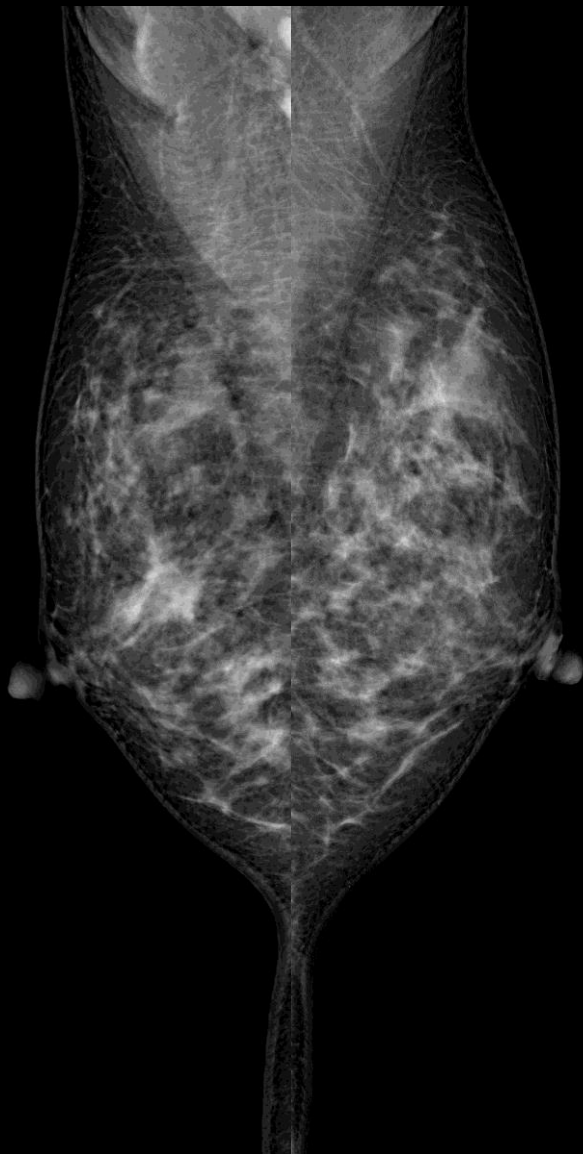


Ans: Intraluminal diverticulum

50 y/o female, breast cancer screening



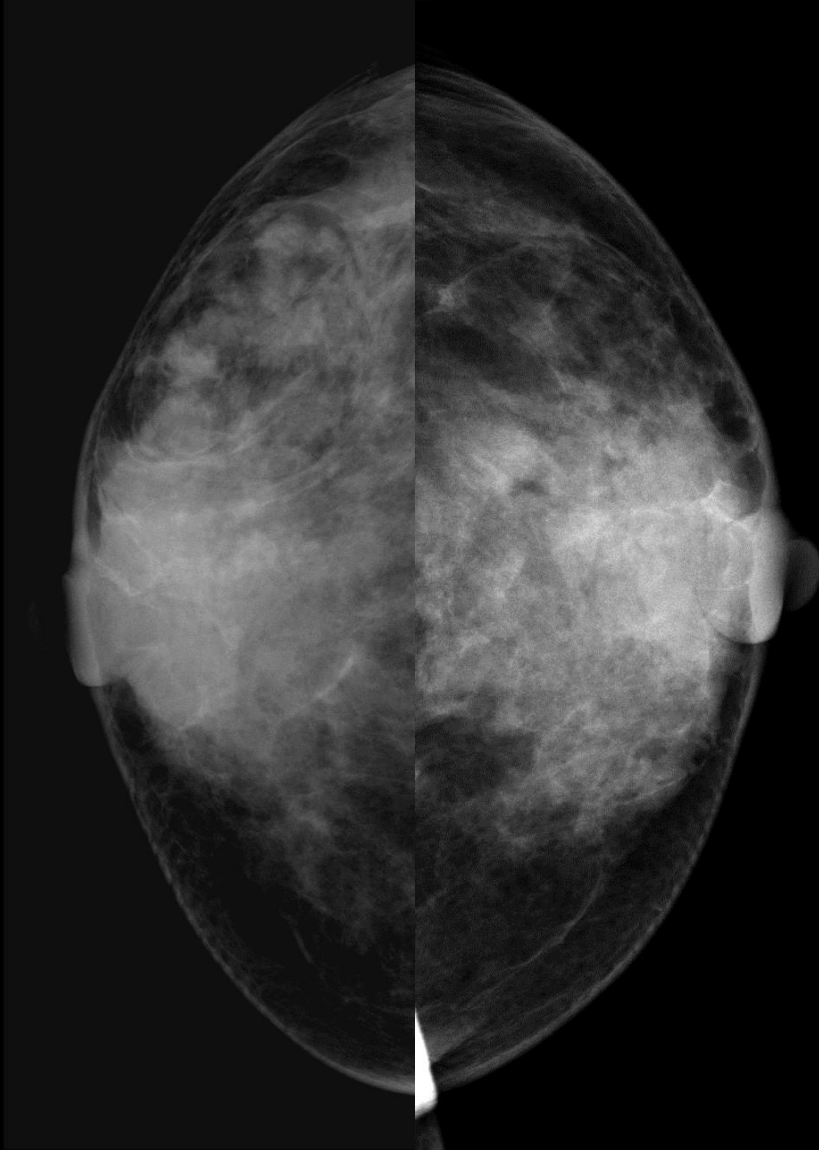
Q47-2



Ans: Synchronous bilateral breast cancer

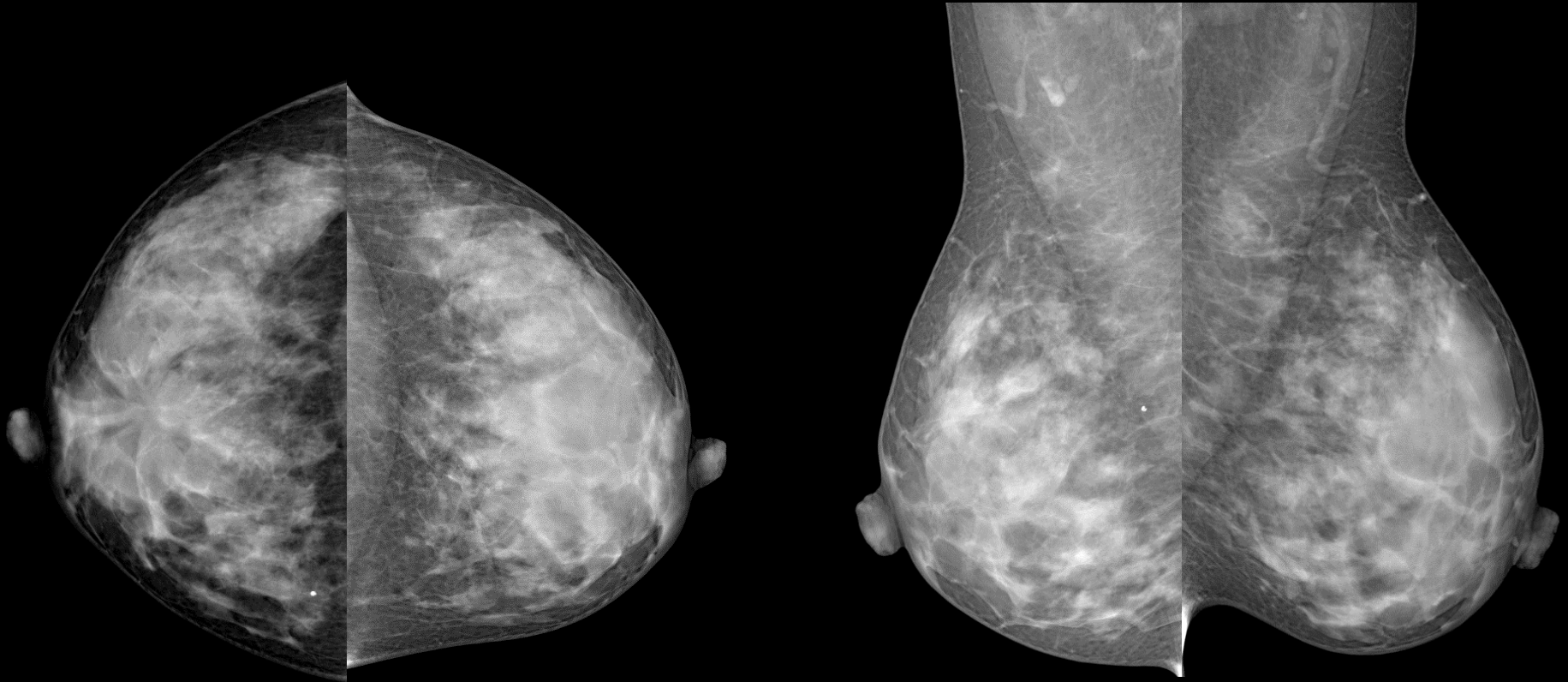
Q48

52 y/o female, routine check up



Ans: R't breast hamartoma(fibroadenolipoma)

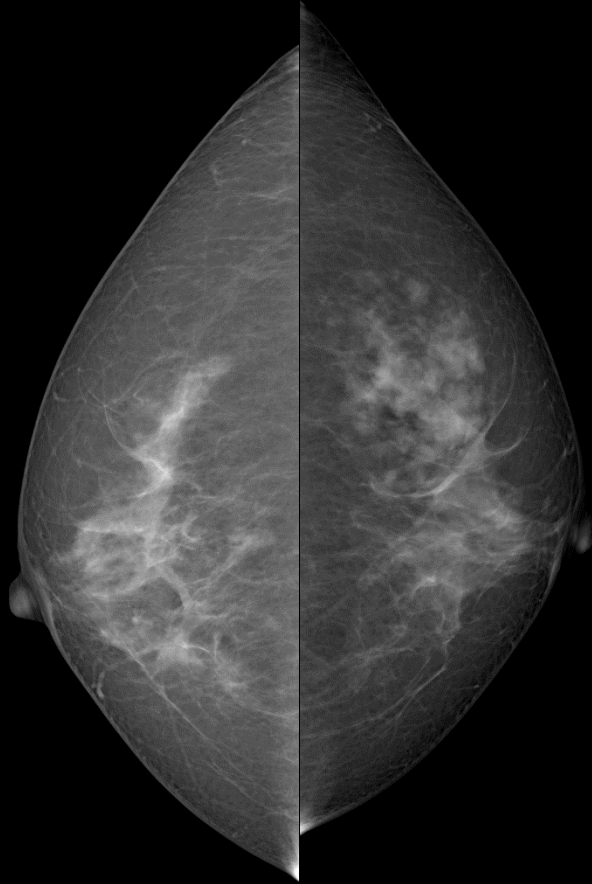
50 y/o Female physical checkup



Ans:

- Invasive ductal carcinoma, right breast
- BIRADS 5

55 y/o Female screening



Ans:

- Harmatoma(fibroadenolipoma), left breast
- BIRADS 2