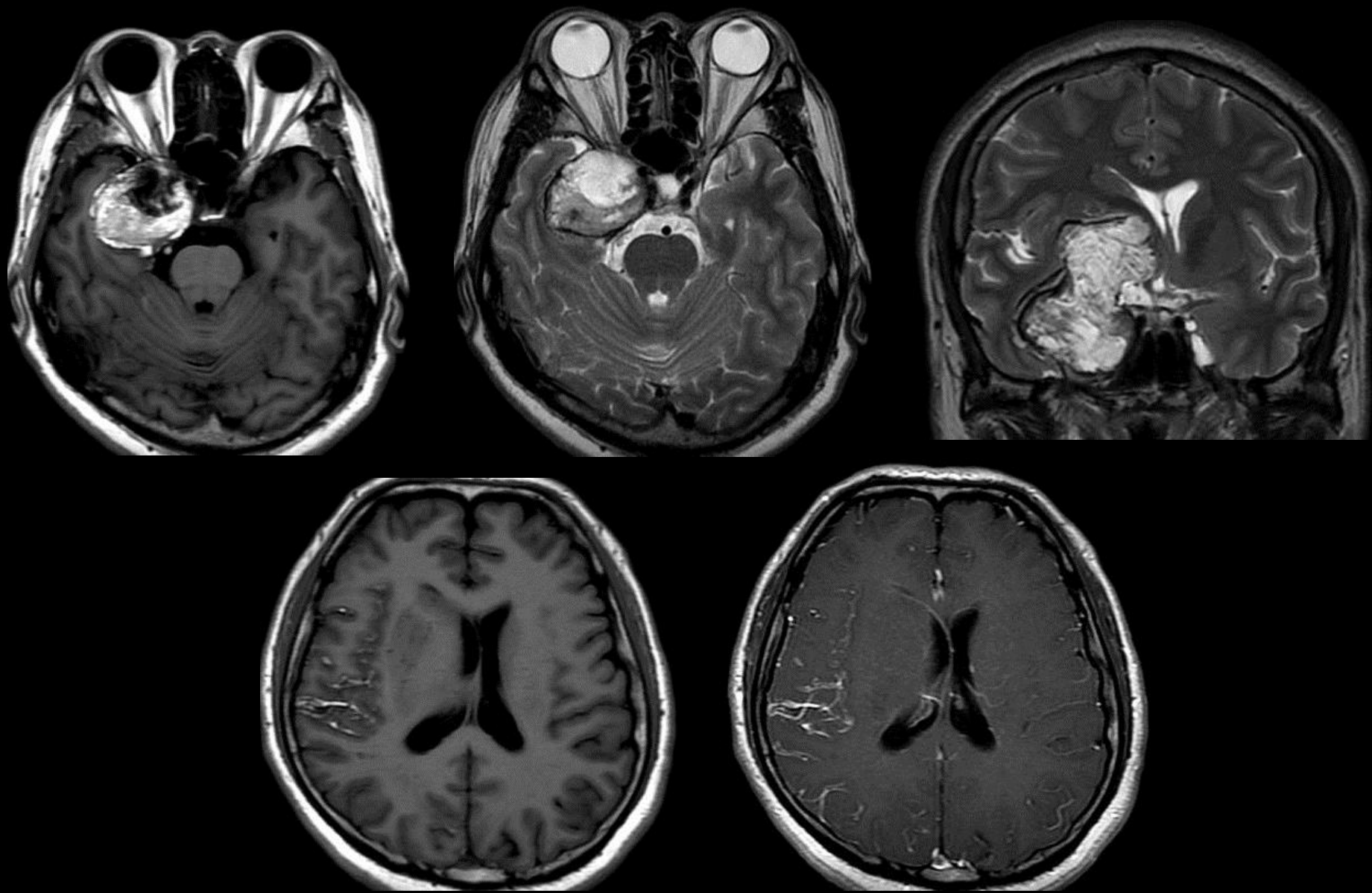


2016年8月
中華民國放射線醫學會
住院醫師閱片測驗-答案

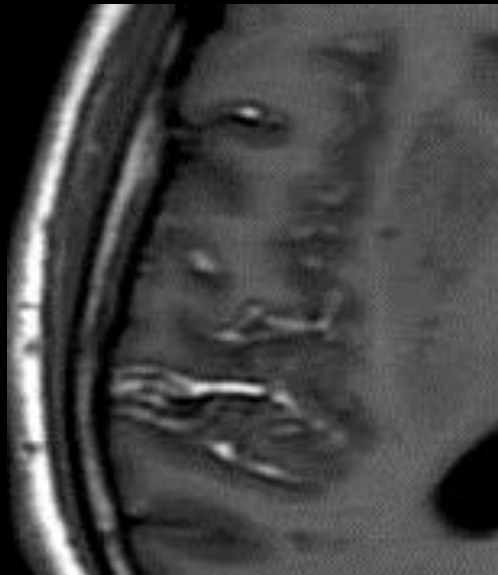
出題醫院：
衛生福利部雙和醫院
影像醫學部

Q1 43 y/o man, headache and left hemiparesis for 1 week

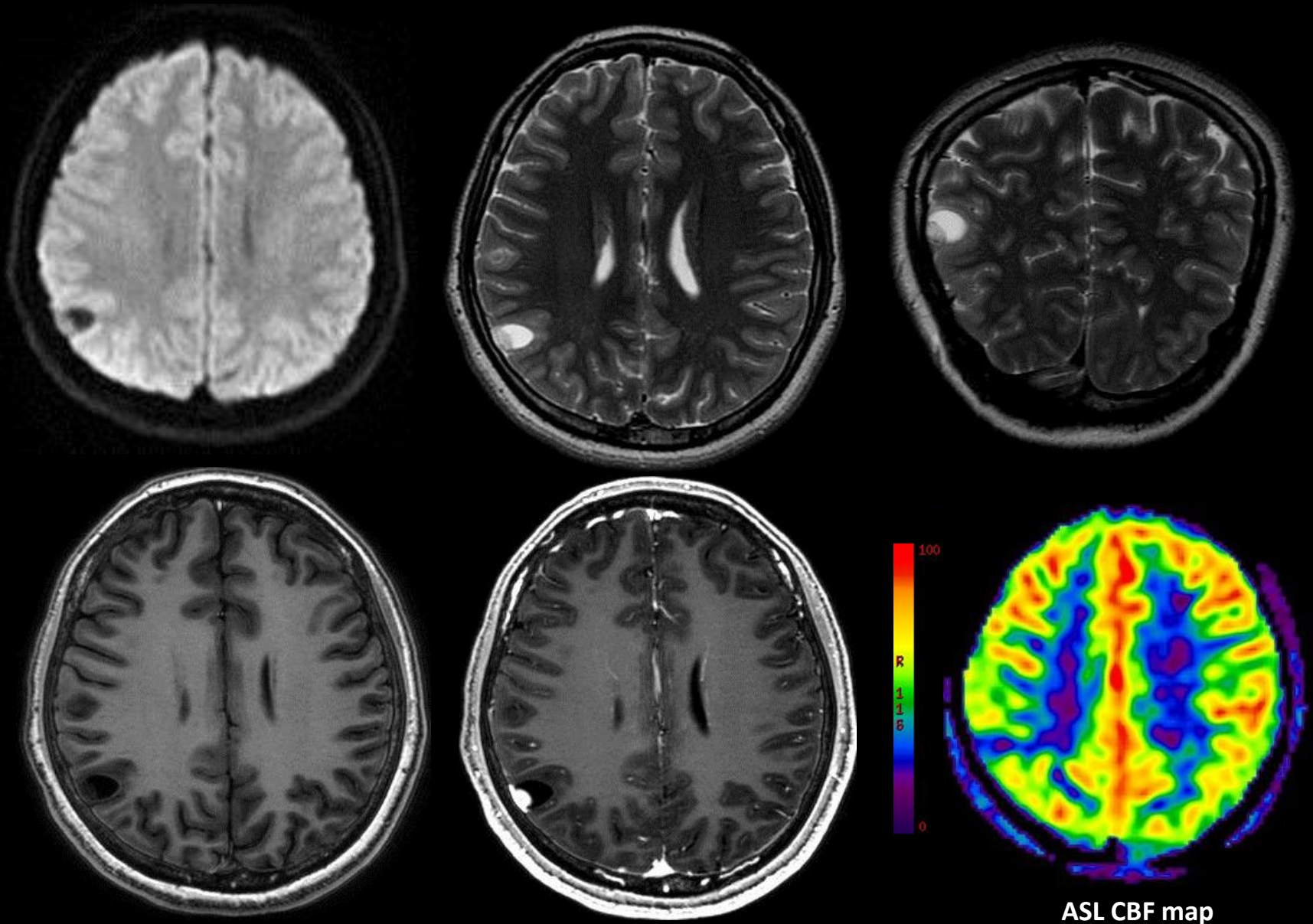


ANS :

Ruptured Intracranial Dermoid Cyst with
Chemical Meningitis

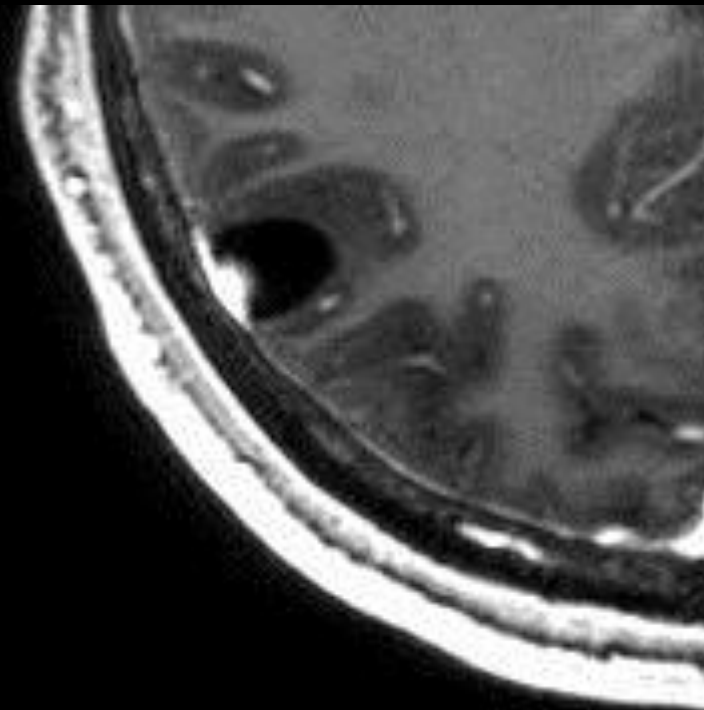


Q2 24 y/o female, general convulsion with loss of conscious twice about two months ago

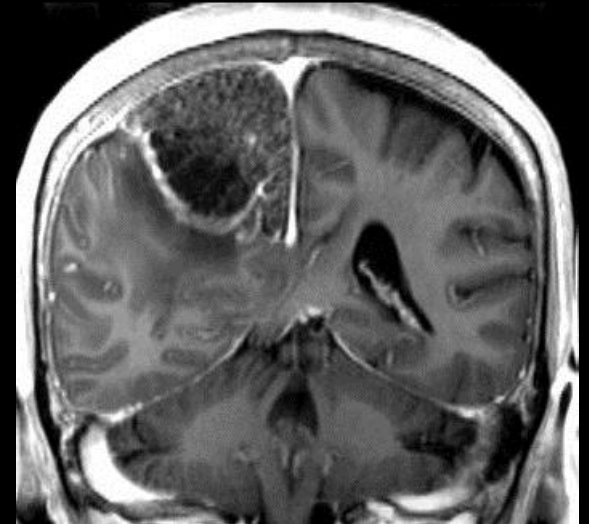
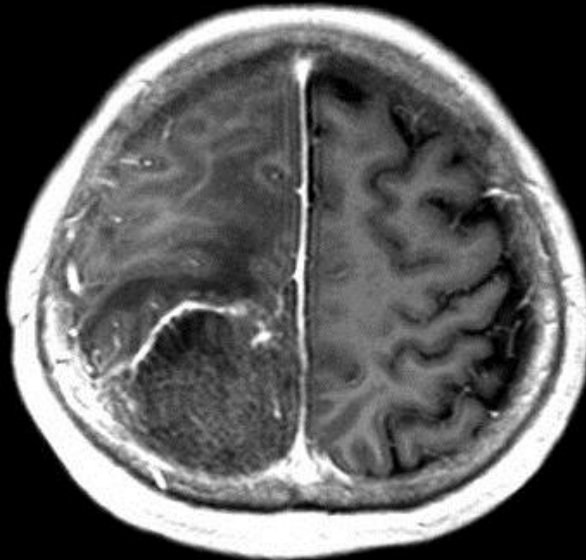
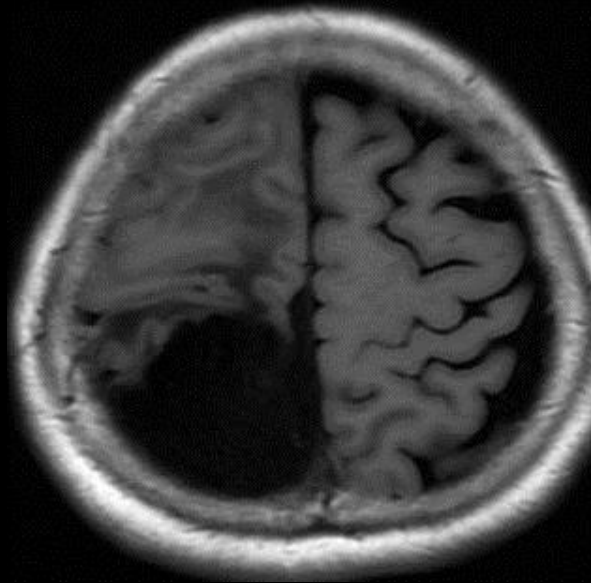
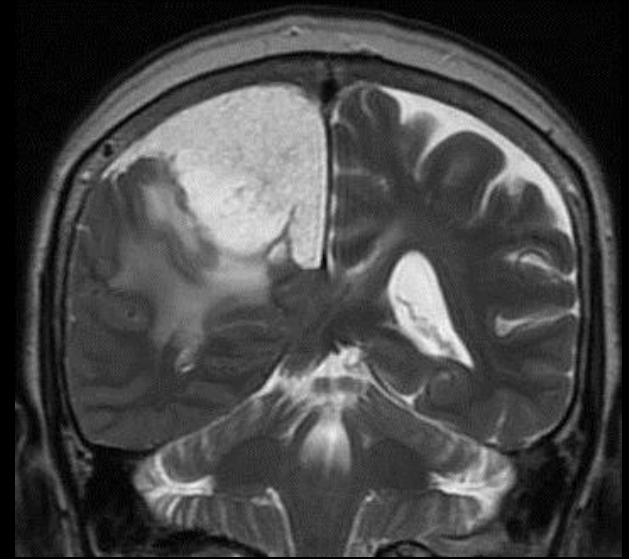
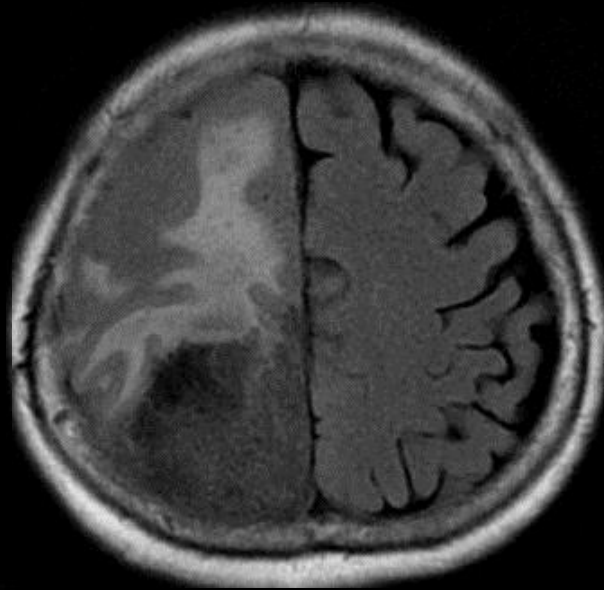
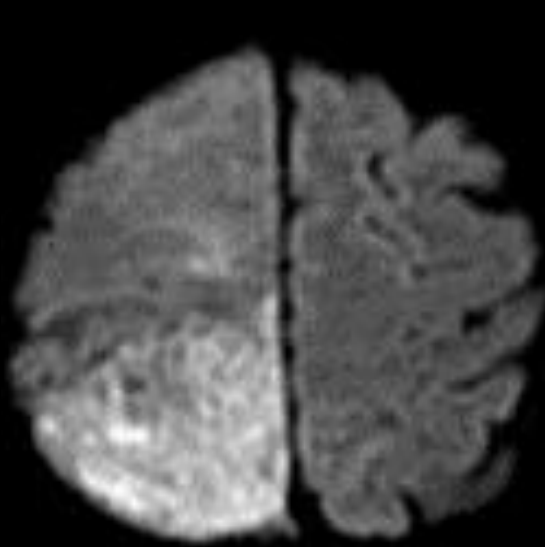


ANS :

Pleomorphic Xanthoastrocytoma

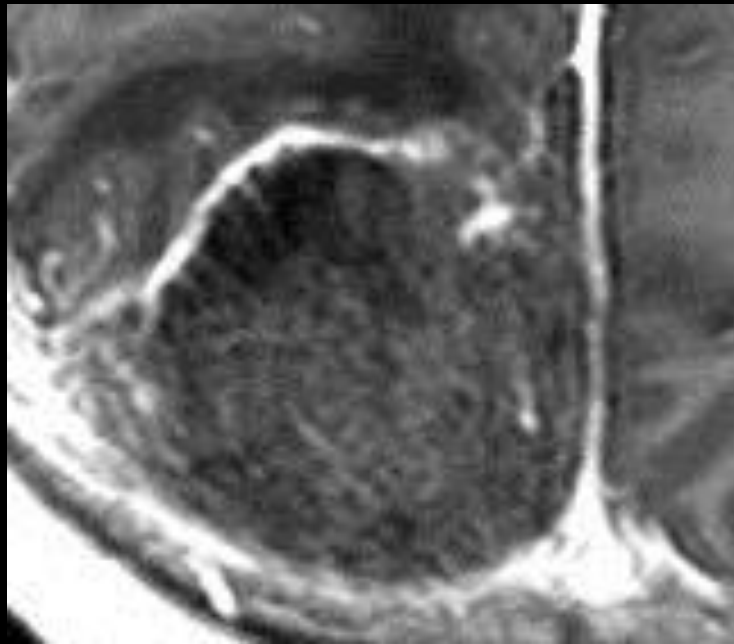


Q3 70 y/o female, left upper extremity numbness and weakness for half a year

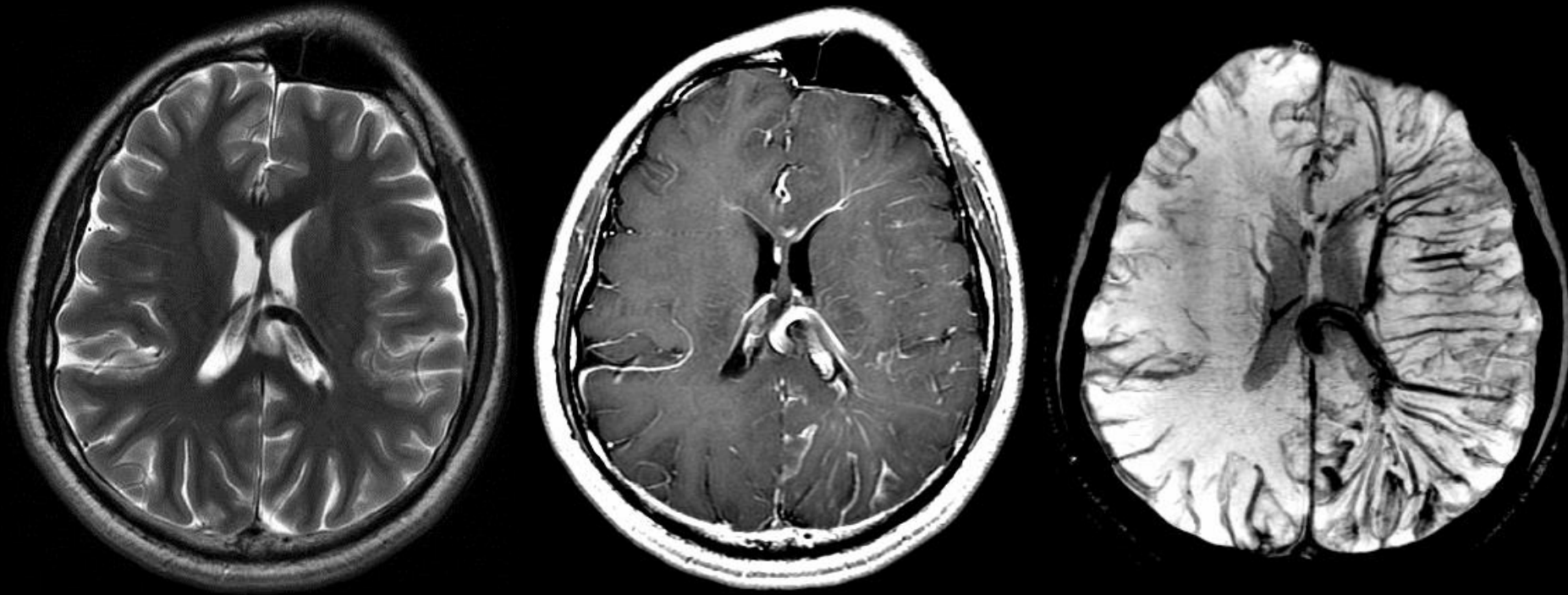


ANS :

Microcystic Meningioma

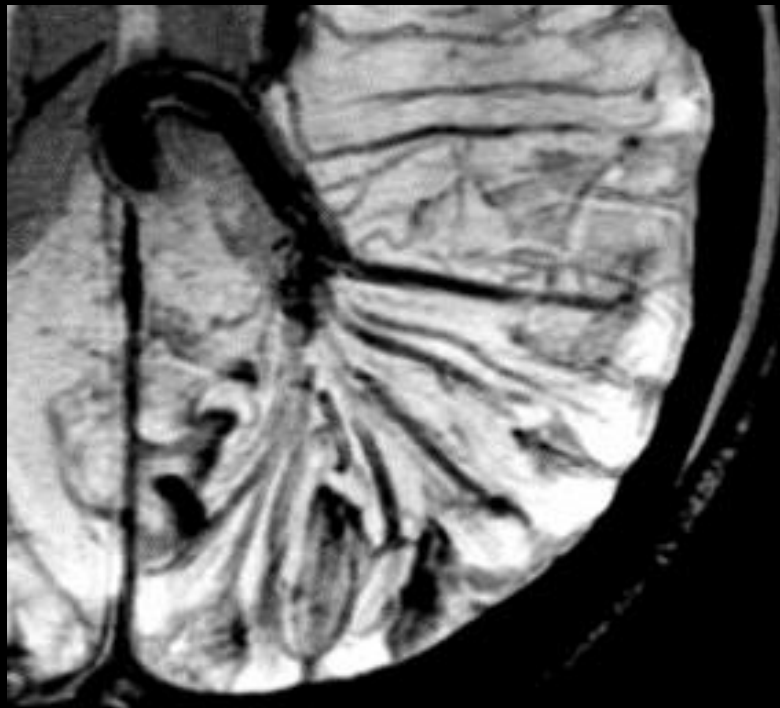


Q4 23 y/o male, frequent seizure; left facial hemangioma since birth

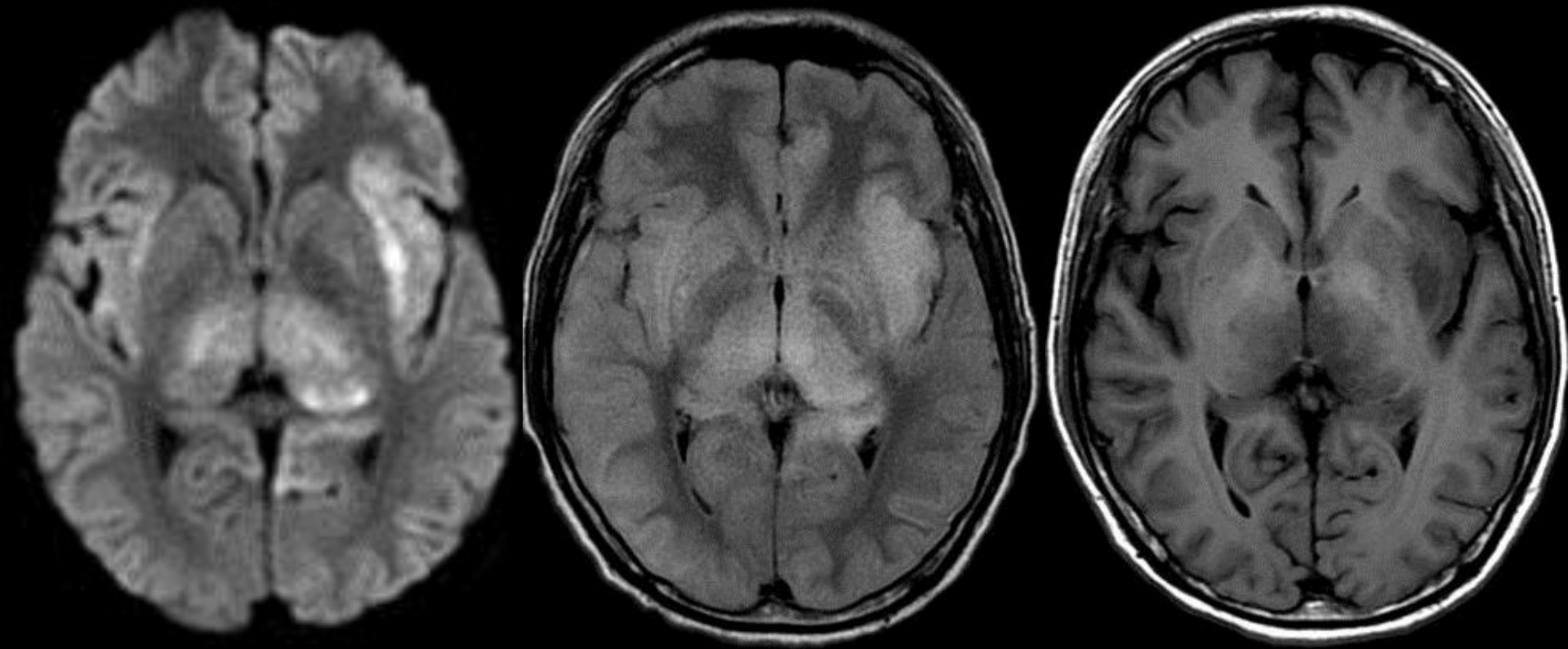


SWAN MIP

ANS :
Sturge Weber Syndrome

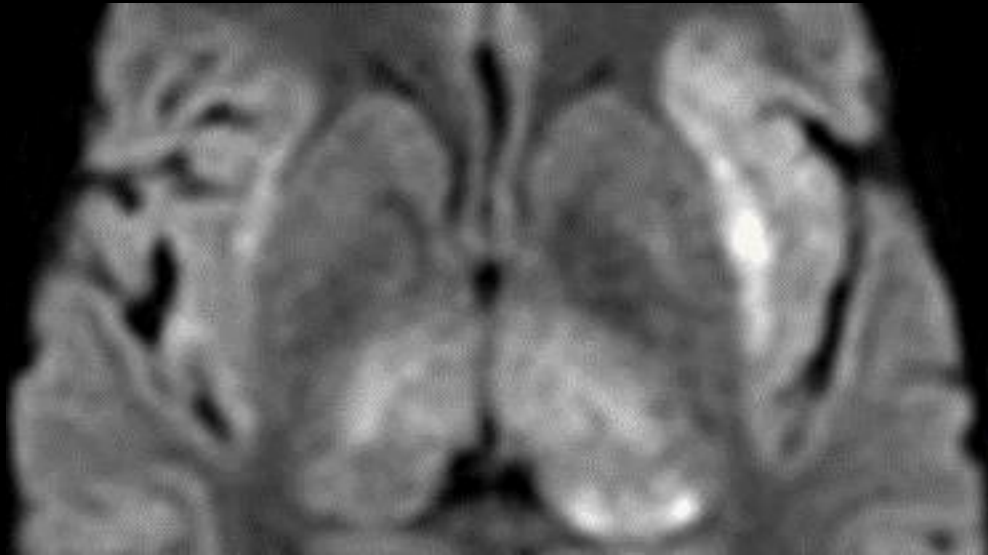


Q5 34 y/o man, sent to ED with conscious disturbance, incoherent speech, and fever

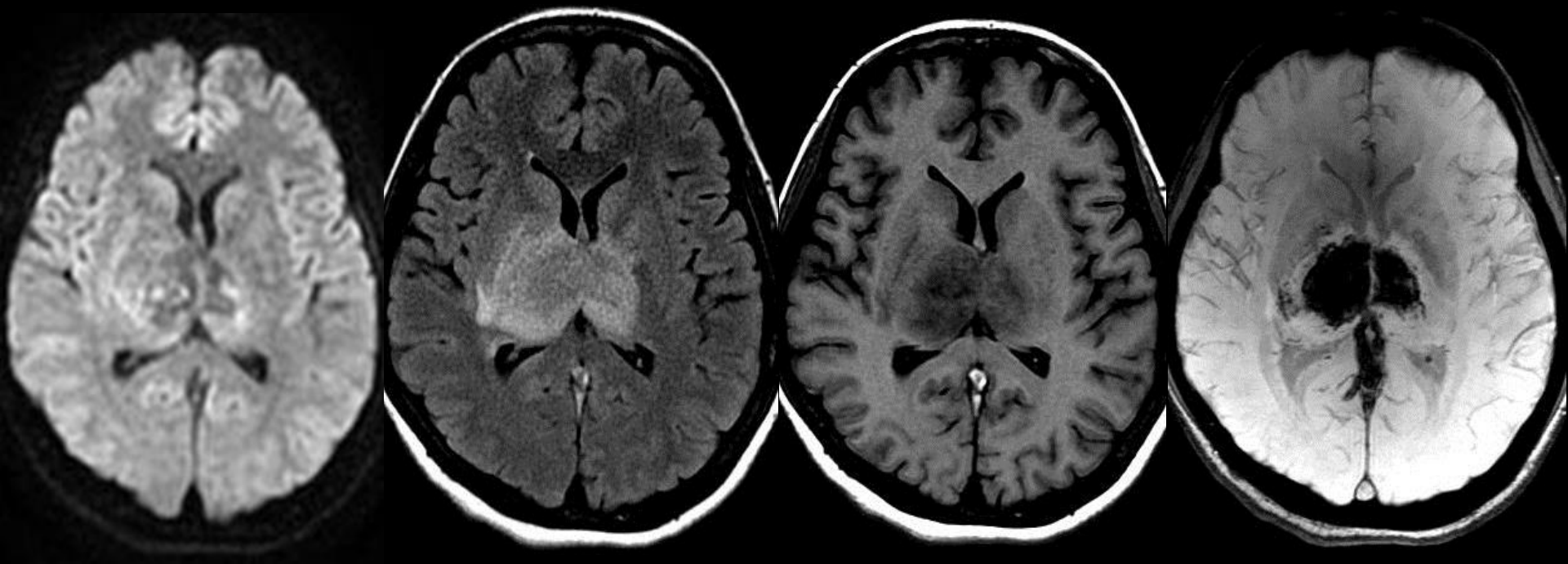


ANS :

Japanese Encephalitis



Q6 43 y/o woman, sent to ED due to acute conscious change

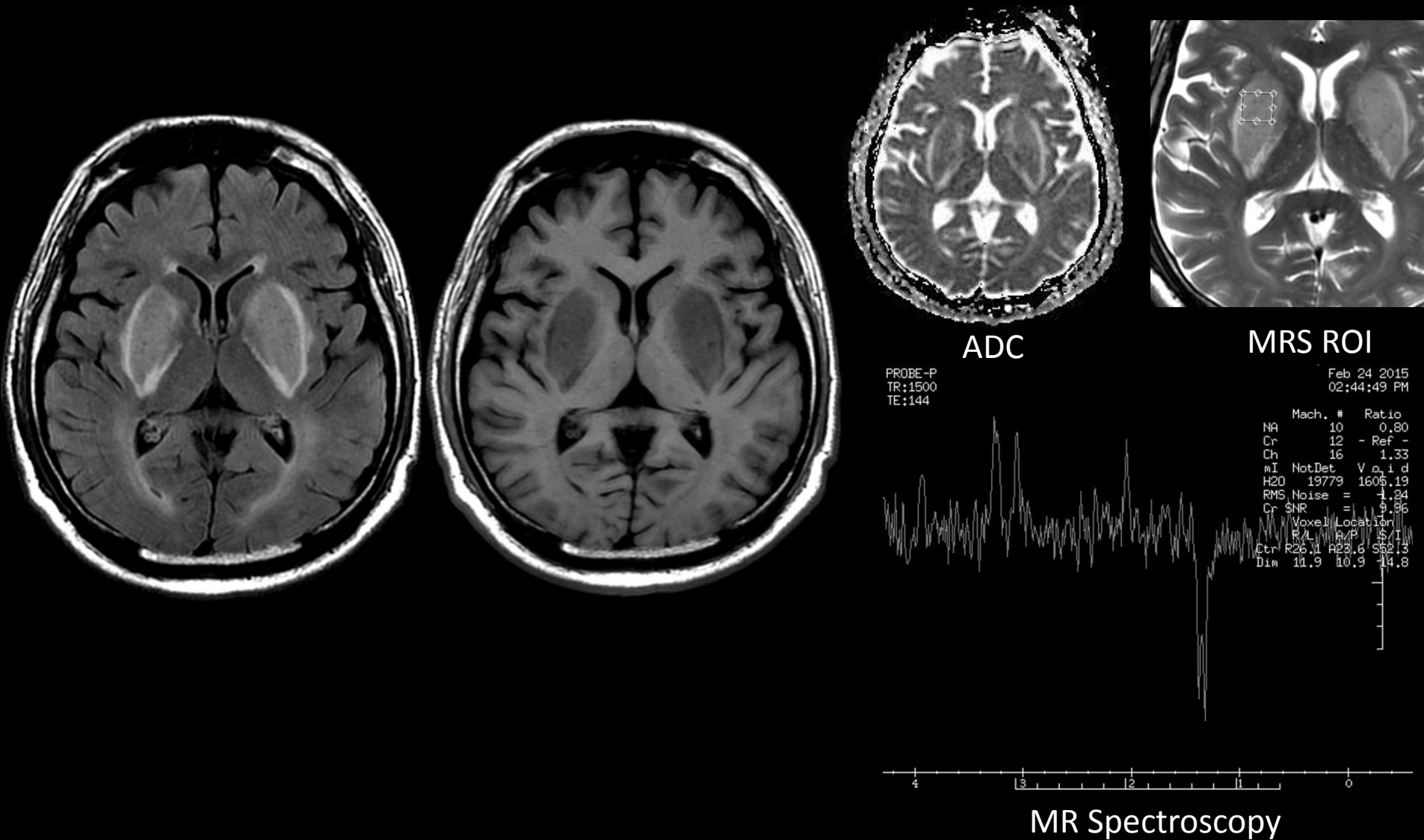


ANS :

Cerebral Deep Venous Thrombosis



Q7 53 y/o man with diabetic uremia, acute onset unsteady gait and general weakness for 3 days



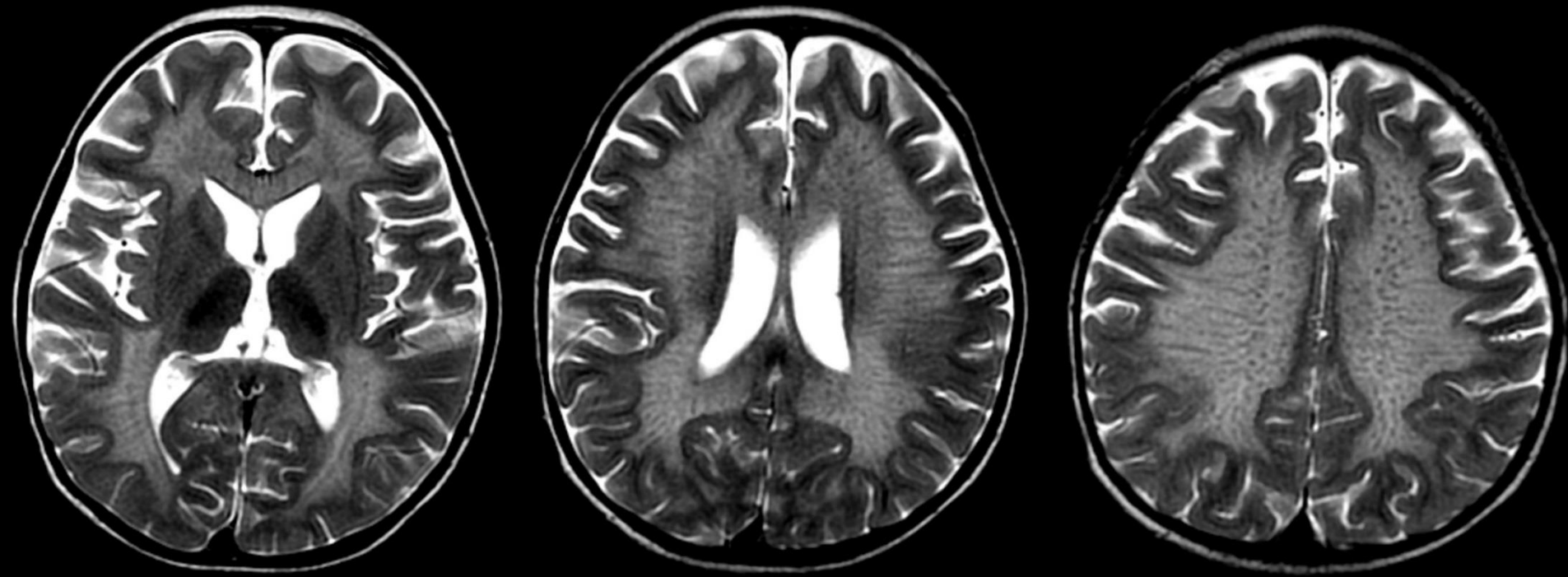
ANS :

Acute Movement Disorder with Bilateral
Basal Ganglia Lesions in Diabetic Uremia

or

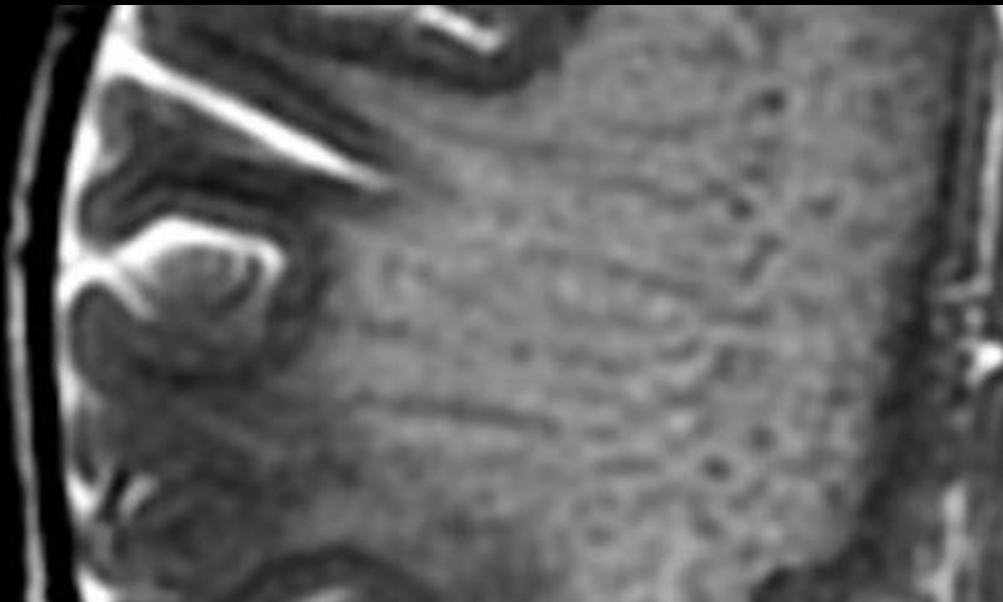
Acute Bilateral Basal Ganglia Lesions in
Diabetic Uremia

Q8 2 y/o boy, psychomotor development delay

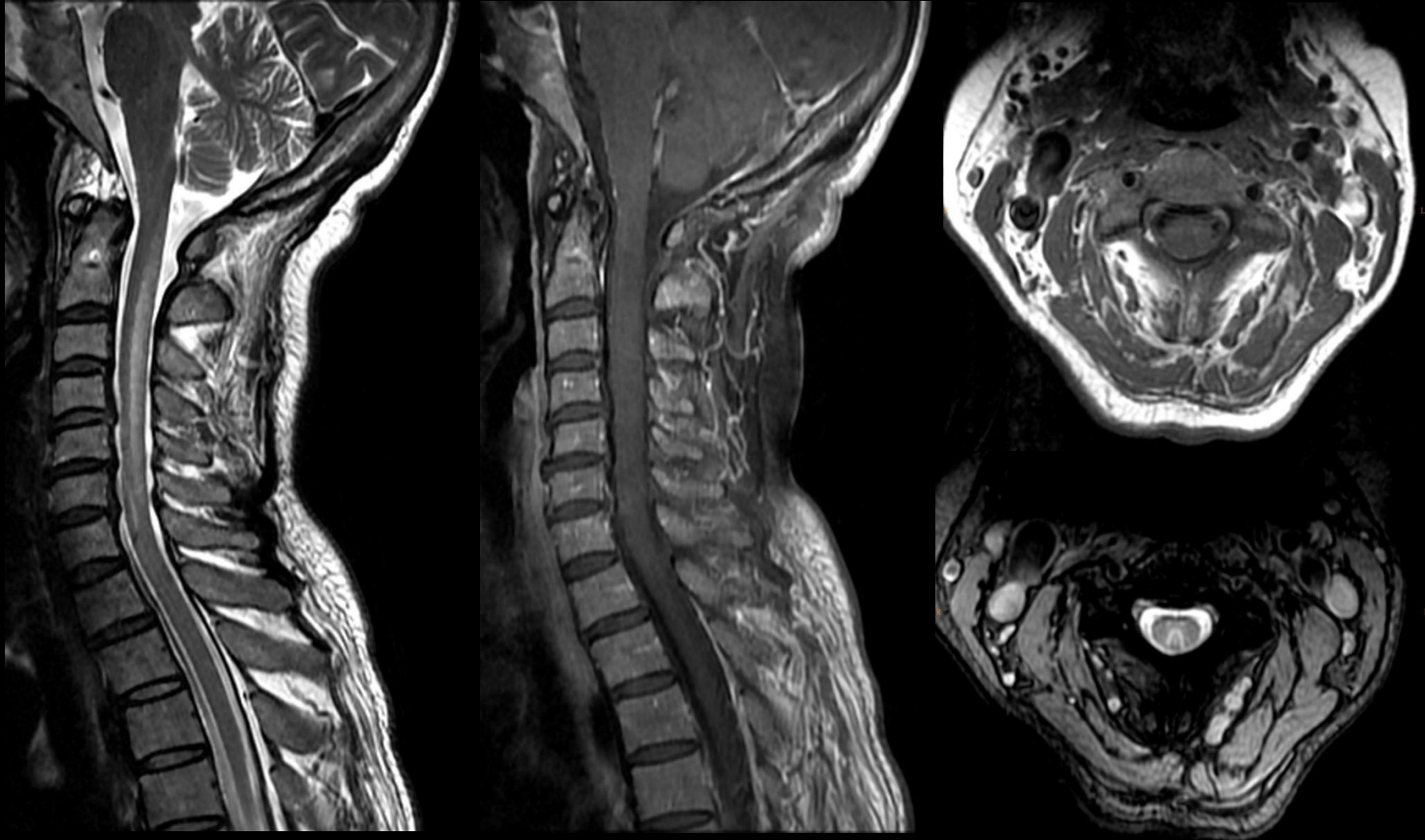


ANS:

Metachromatic leukodystrophy

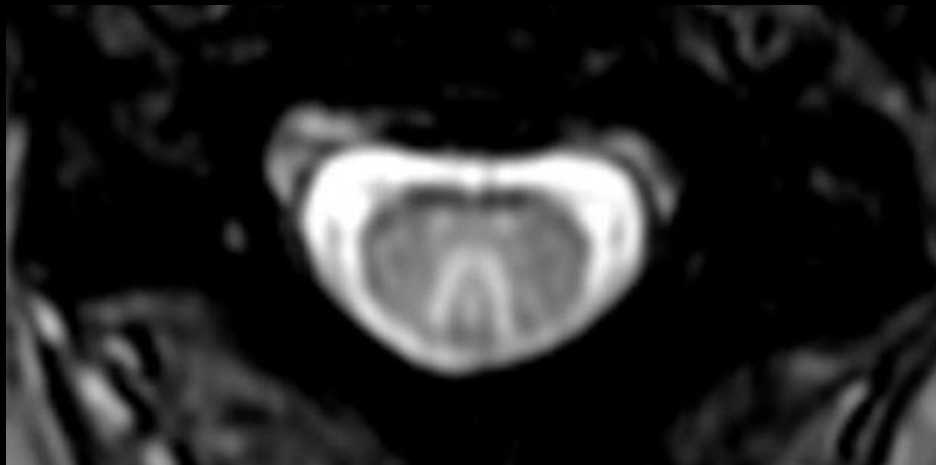


Q9 62 y/o woman, paresthesia in the hands and feet, mild gait ataxia



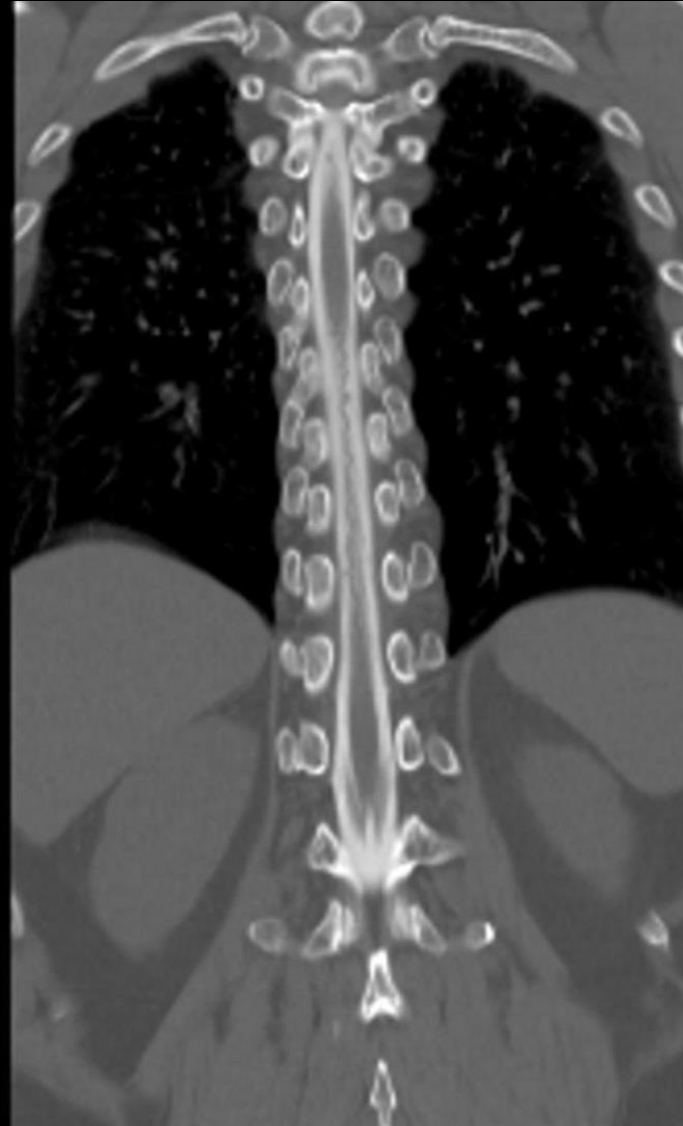
ANS:

Subacute combined degeneration



Q10

49 y/o woman, progressive bilateral leg weakness and urinary incontinence in recent months



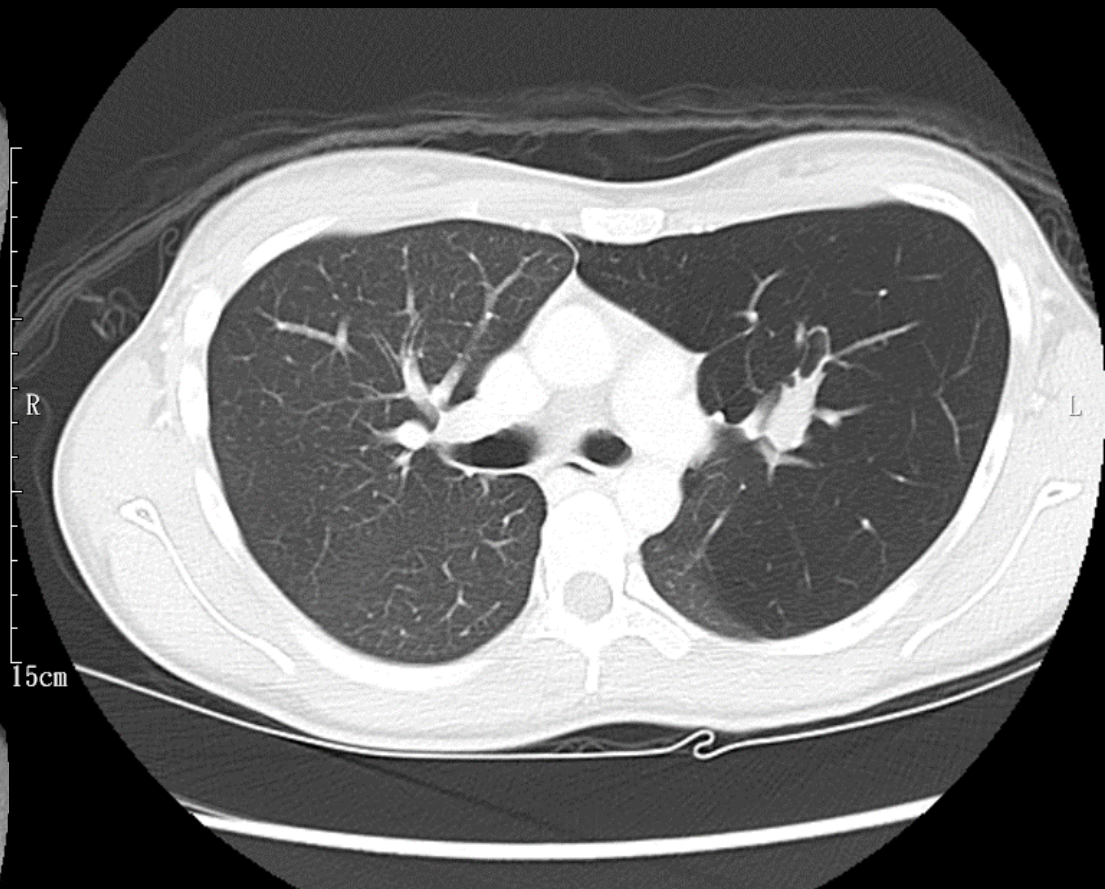
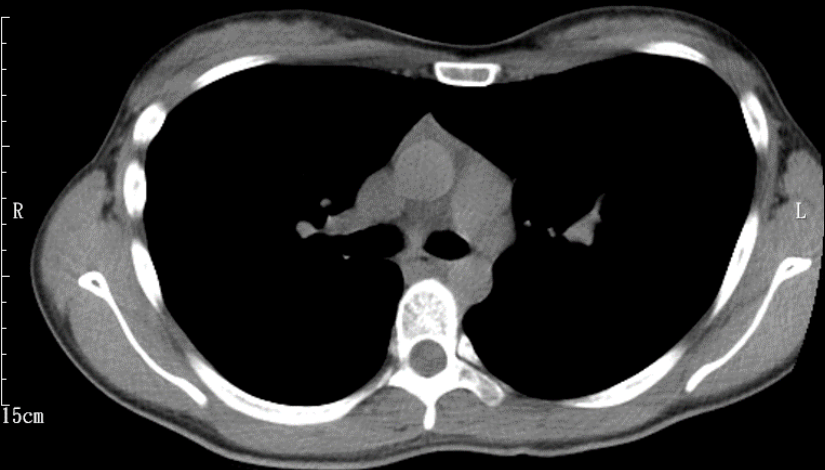
ANS :

Spinal Dural Arteriovenous Fistula



Q11

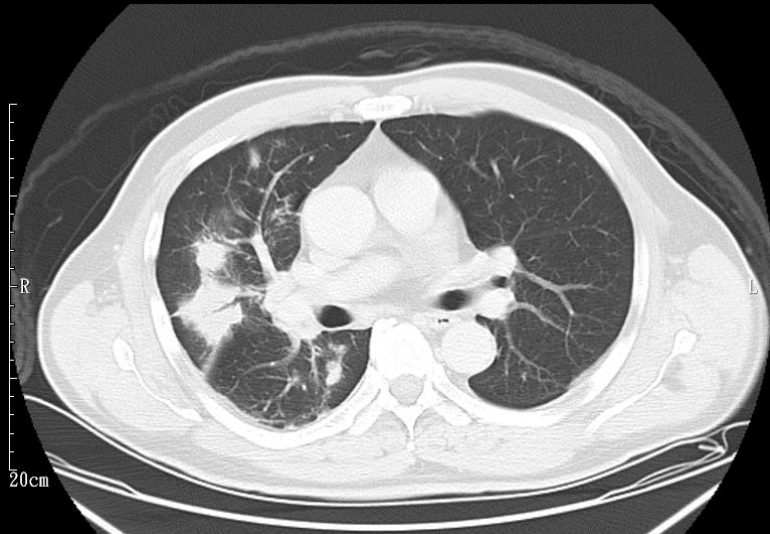
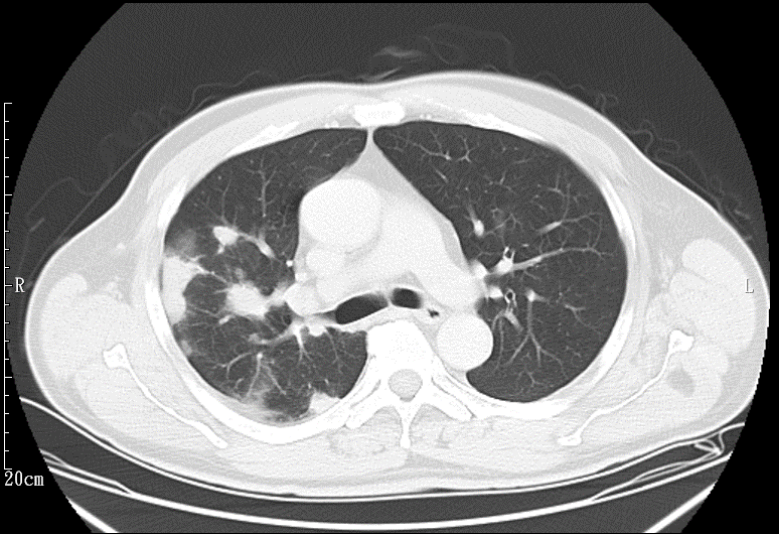
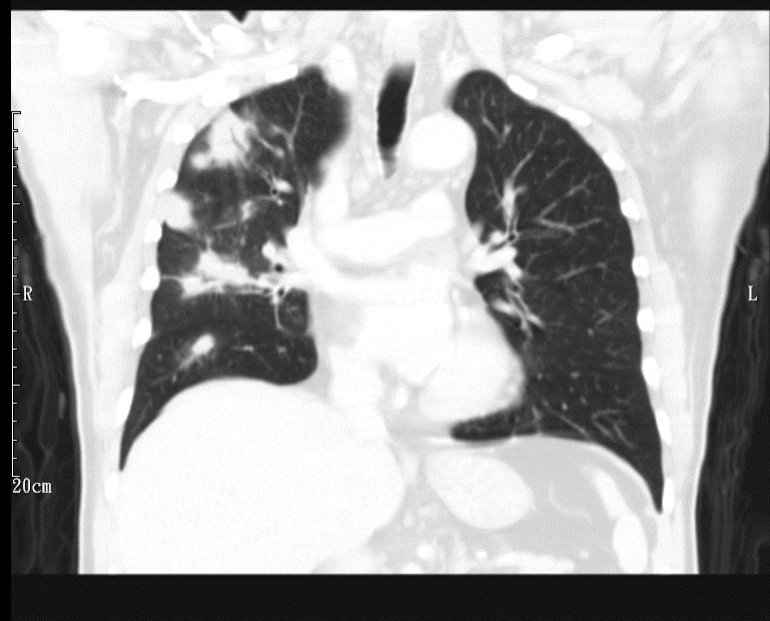
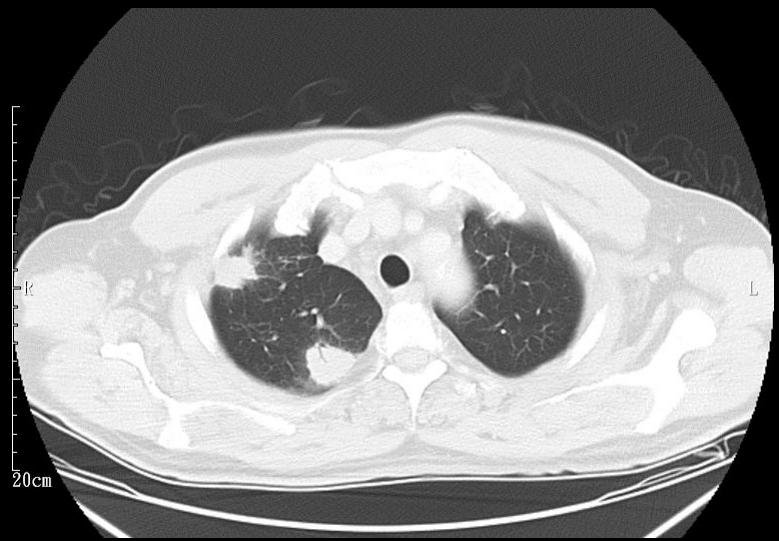
25 y/o man, intermittent dyspnea



ANS :
bronchial atresia

Q12

62 y/o male, chronic cough for 6 months, AFS (-)

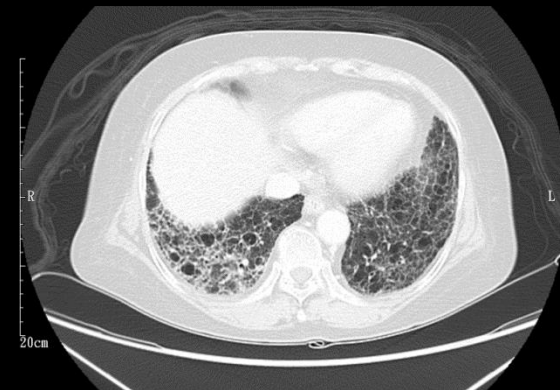
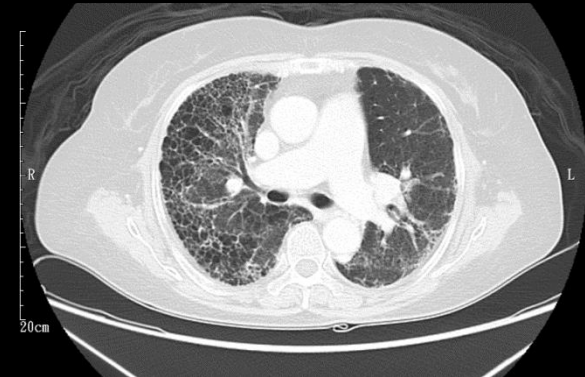
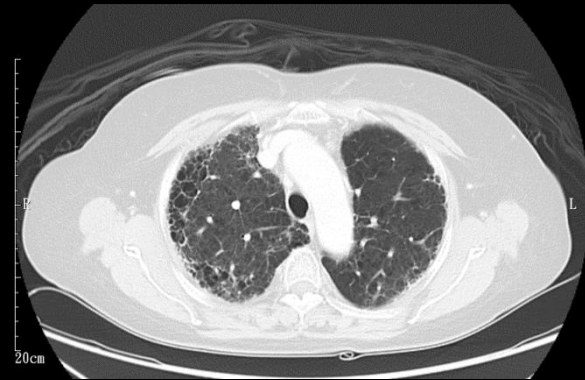


A12

ANS :
cryptococcosis

Q13

67 y/o female, shortness of breaths, hx of rheumatoid arthritis

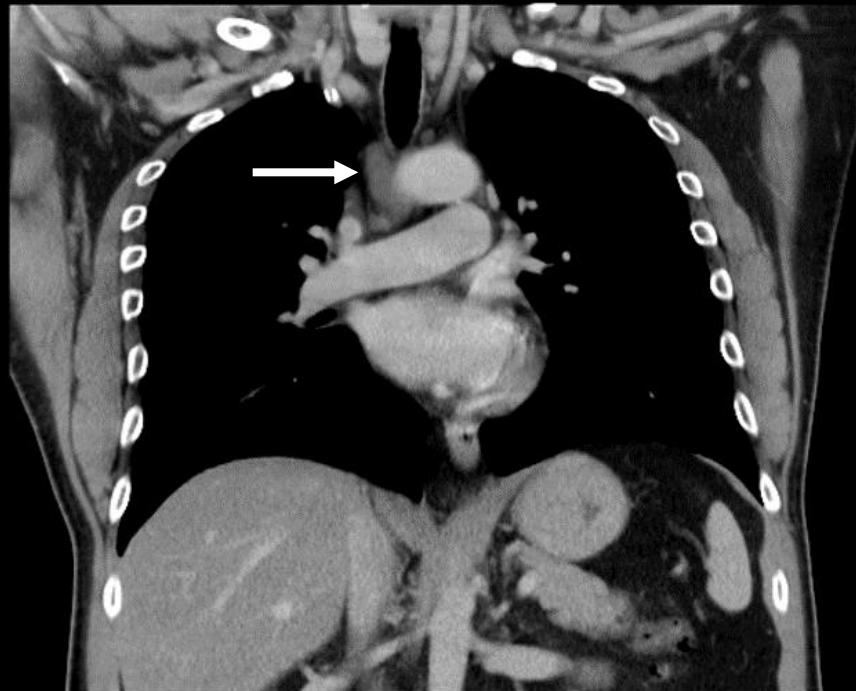
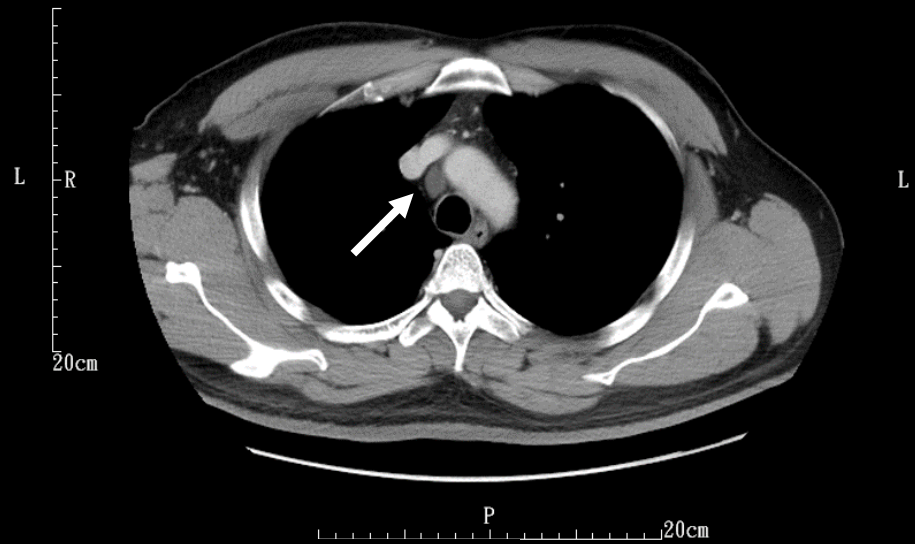
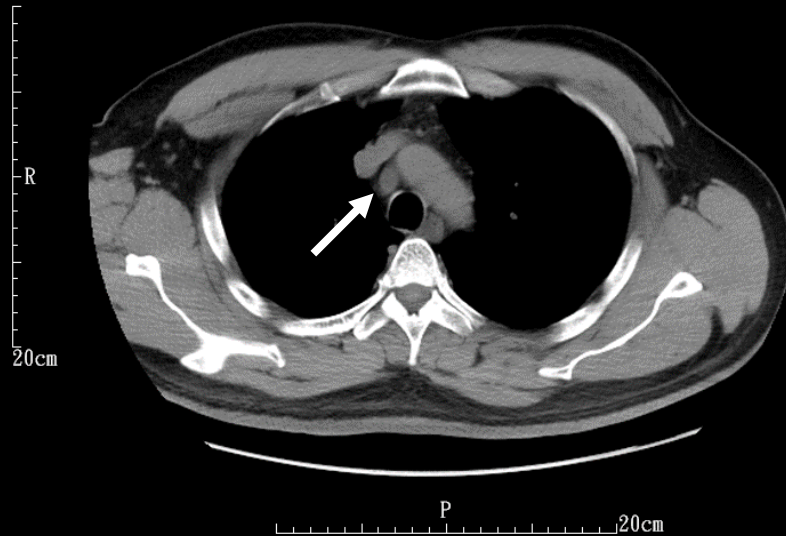


ANS :

Usual interstitial pneumonia (UIP)

Q14

42 y/o male; name of the indicated structure

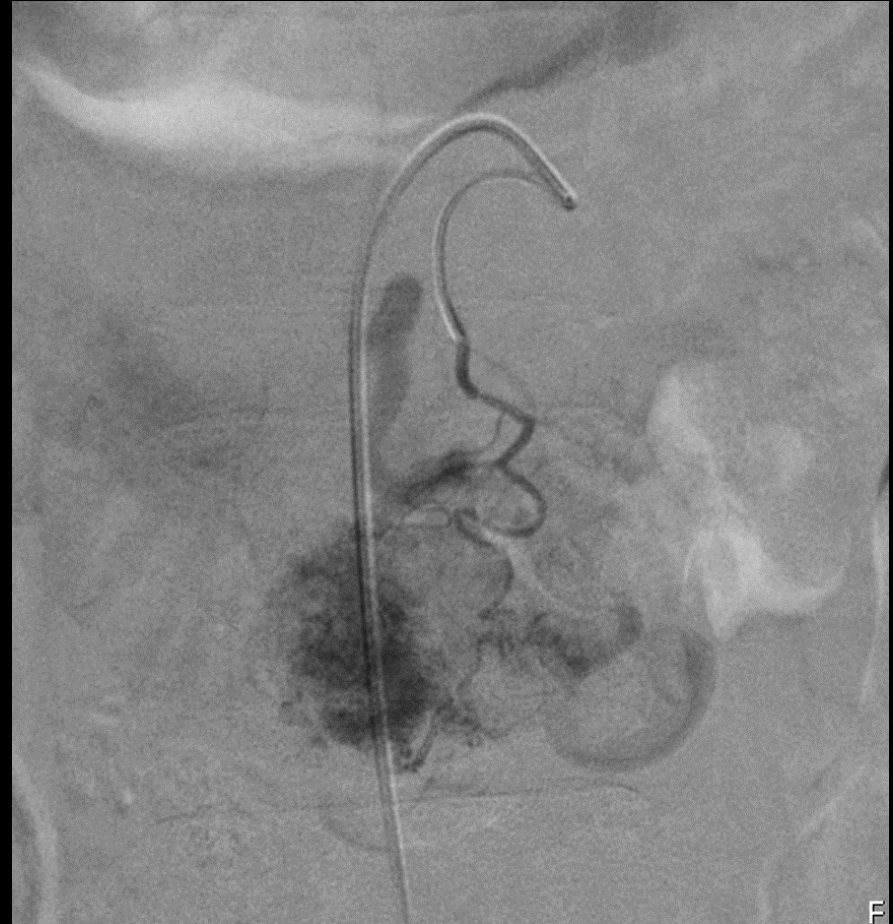


ANS :

Superior pericardial recess
(Superior aortic recess)

Q15

Hx: 63M, repeated GI bleeding



ANS :
Duodenal AVM

Q16

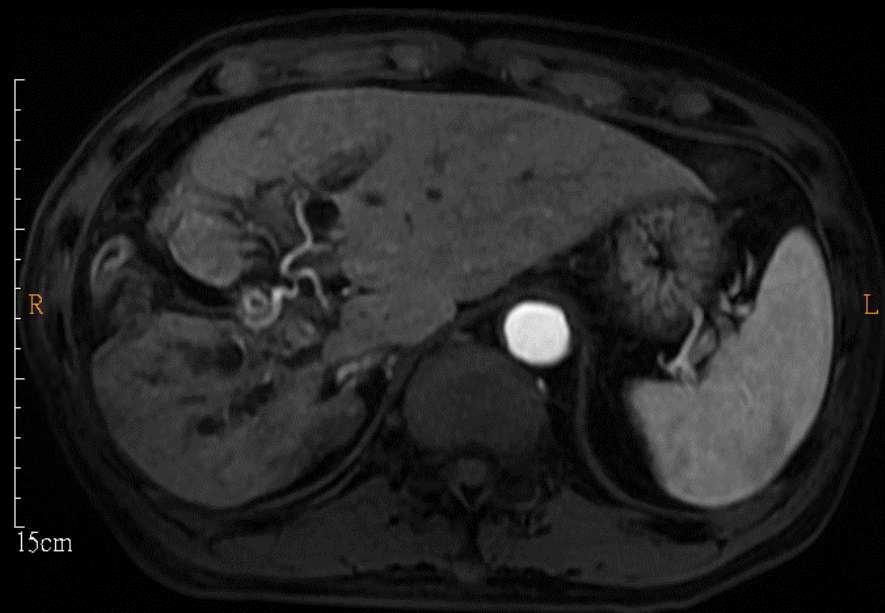
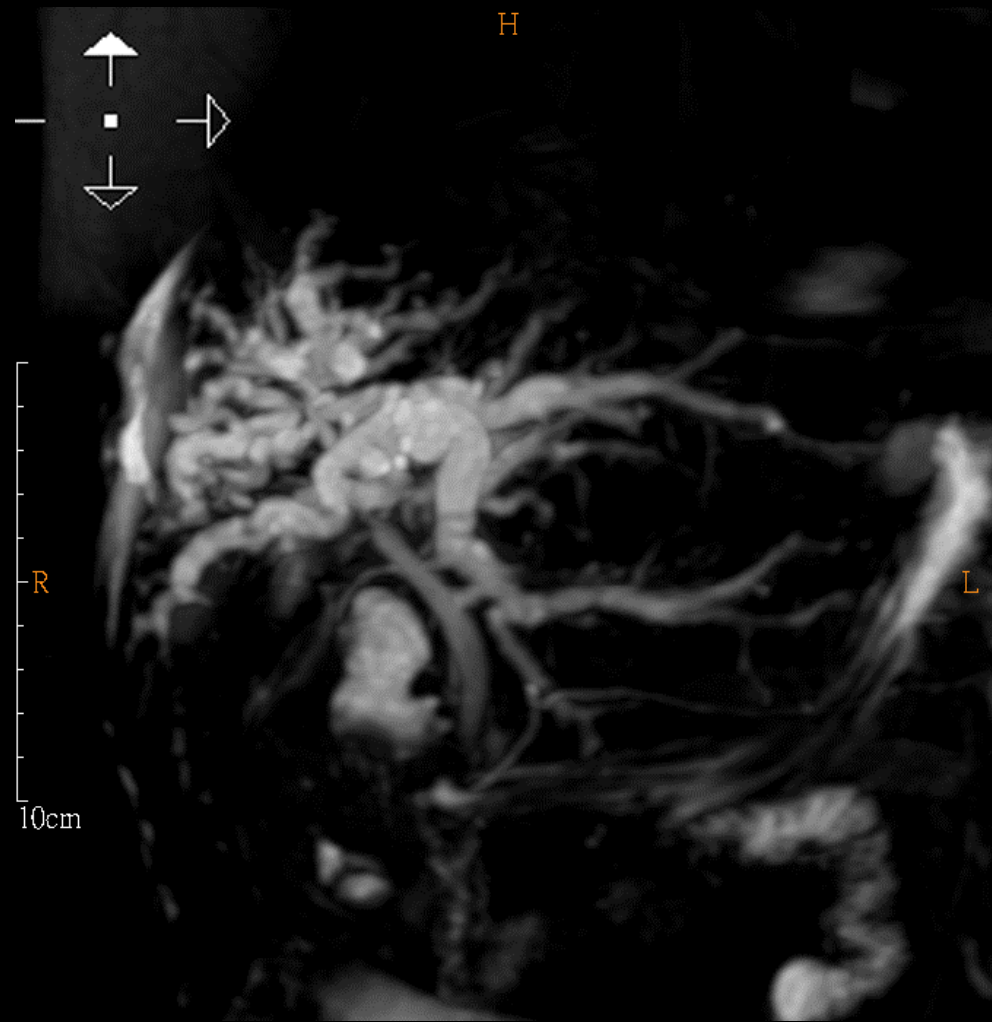


ANS :

Pneumoperitoneum +
Pneumoretroperitoneum

Q17

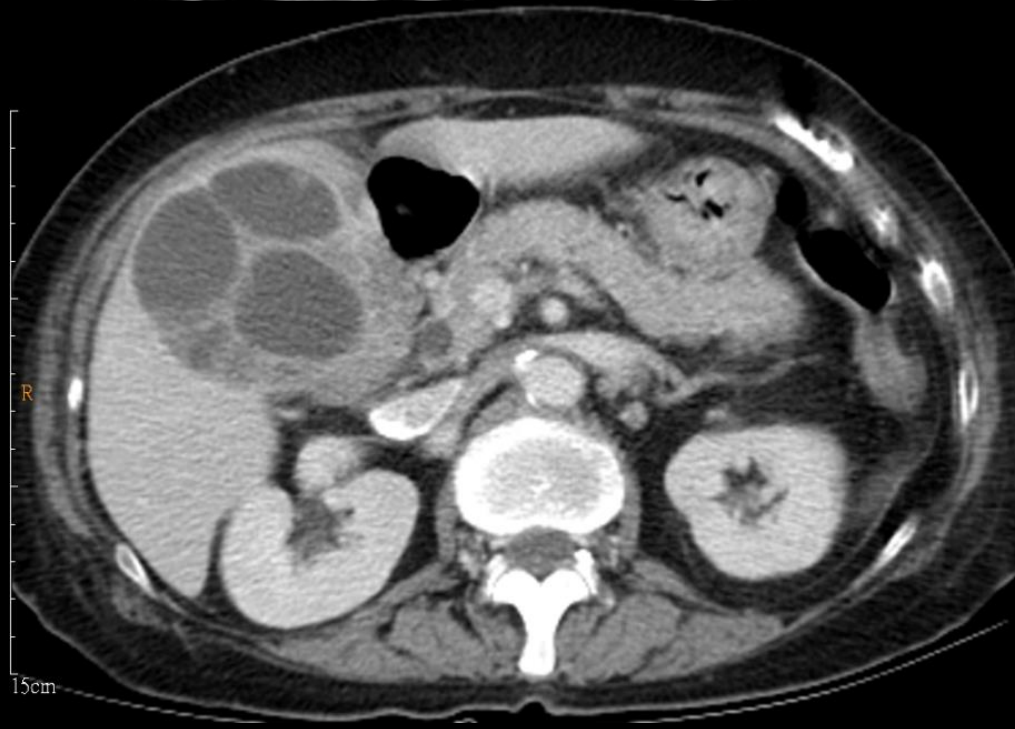
61 M, jaundice



ANS :

CHD cholangiocarcinoma
(with obstructive cholangitis)

Q18



ANS :

Xanthogranulomatous cholecystitis

Q19

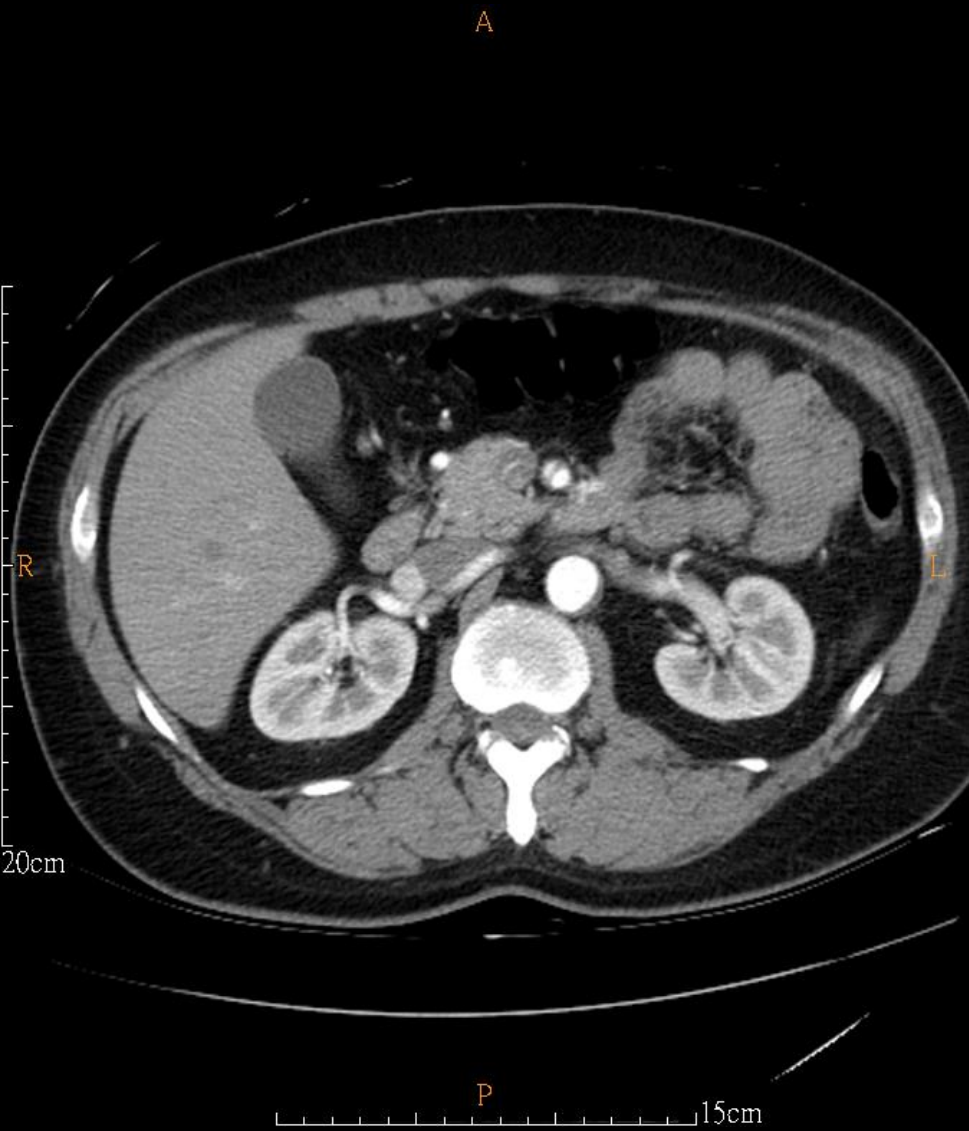


ANS :

Pneumatosis intestinalis

Q20

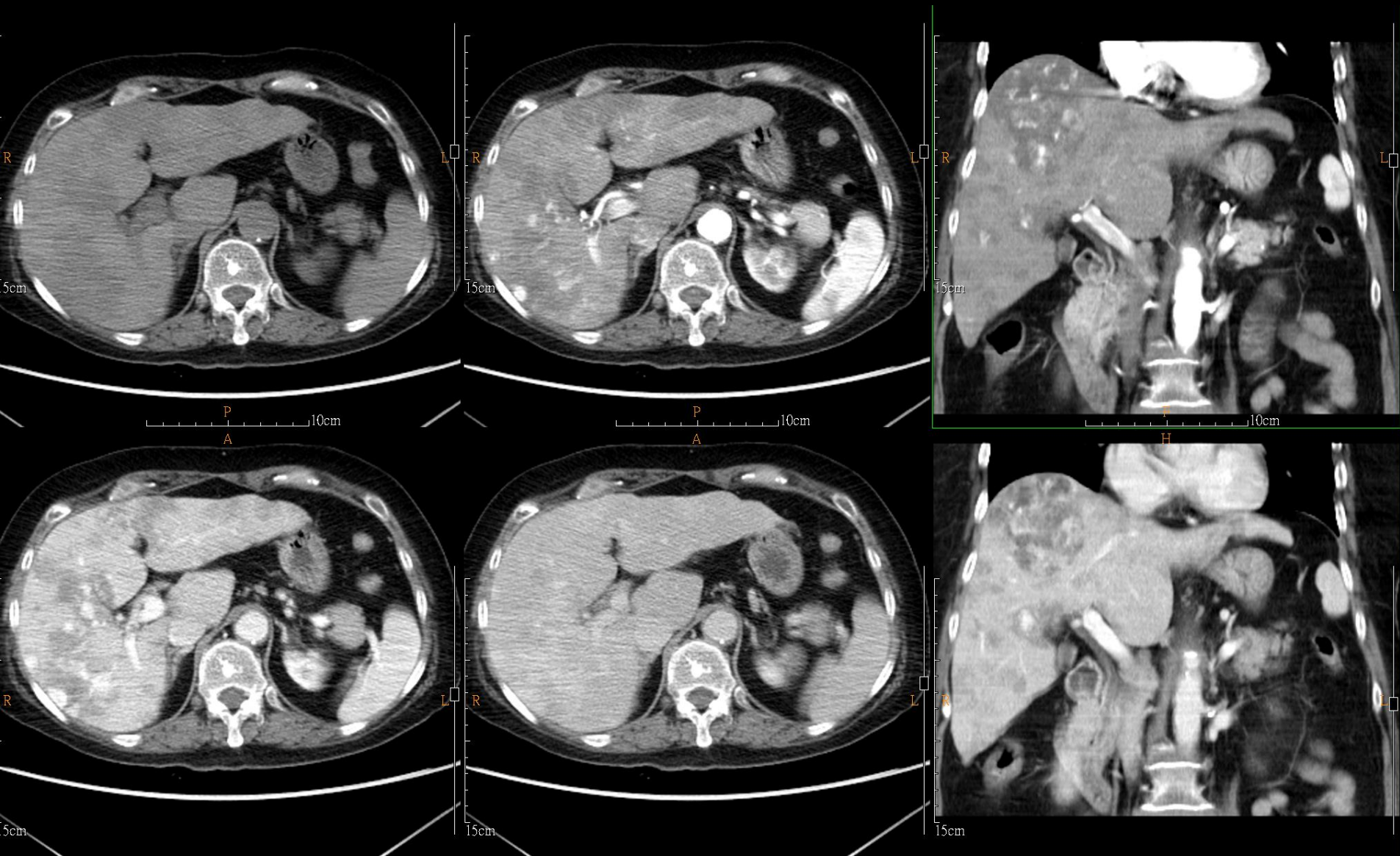
Hx: acute abdominal pain



ANS :
SMA dissection

Q21

Hx: incidental finding



ANS :

Hepatic angiosarcoma

Q22

42 y/o Female



ANS :

Small bowel lymphoma

Q23

M/41, right knee deformity for a long time



ANS :

Hereditary multiple exostoses

Q24

F/42, dwarfism with short arms and legs



ANS :

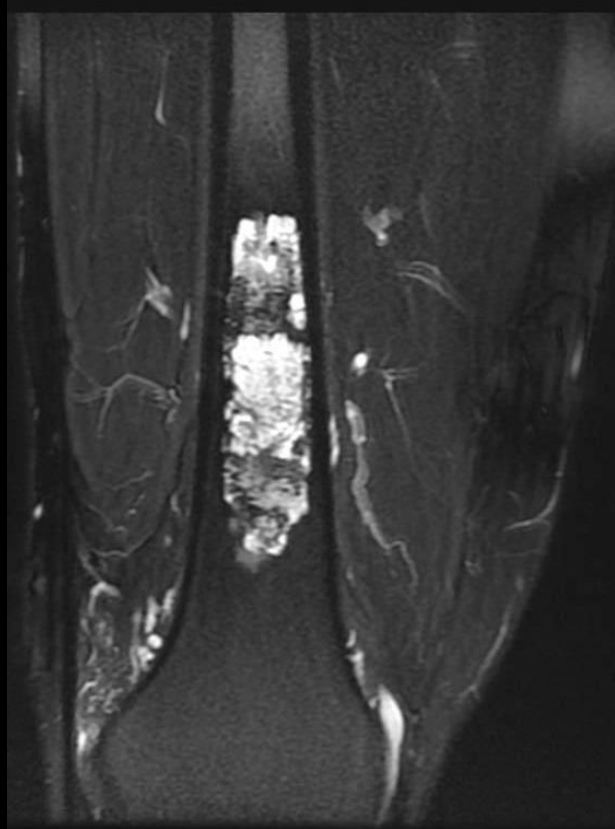
Leri-Weill syndrome (dyschondrosteosis)

Q25

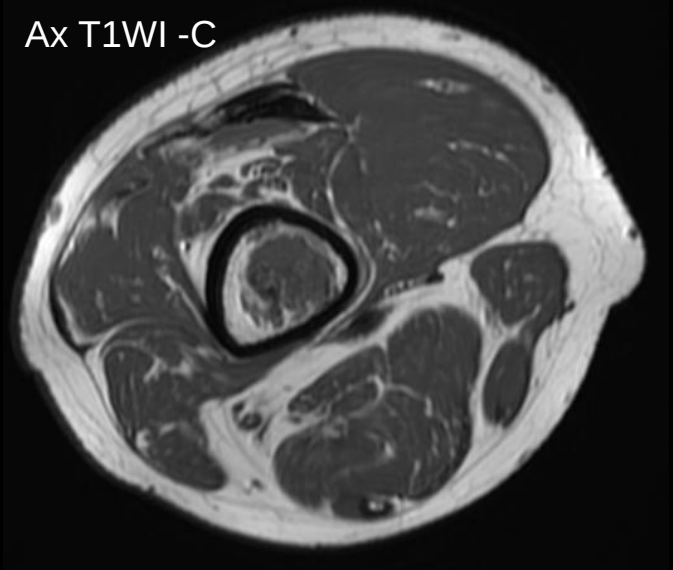
M/50, incidental finding on knee radiograph



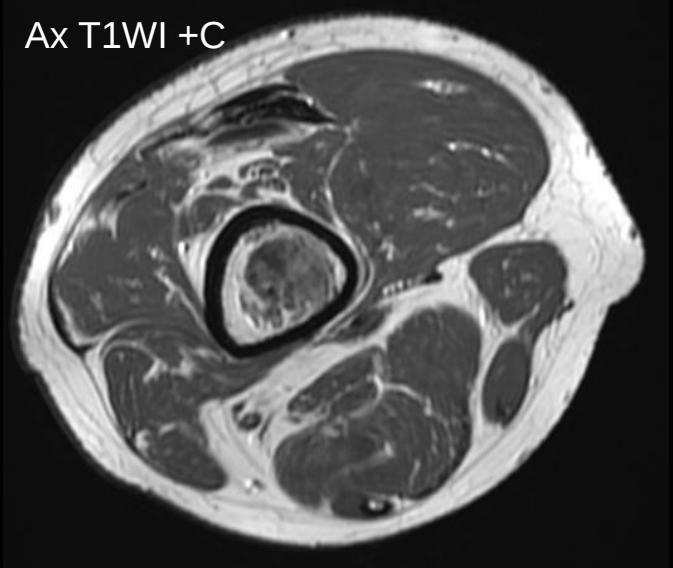
Cor T2WI FS



Ax T1WI -C



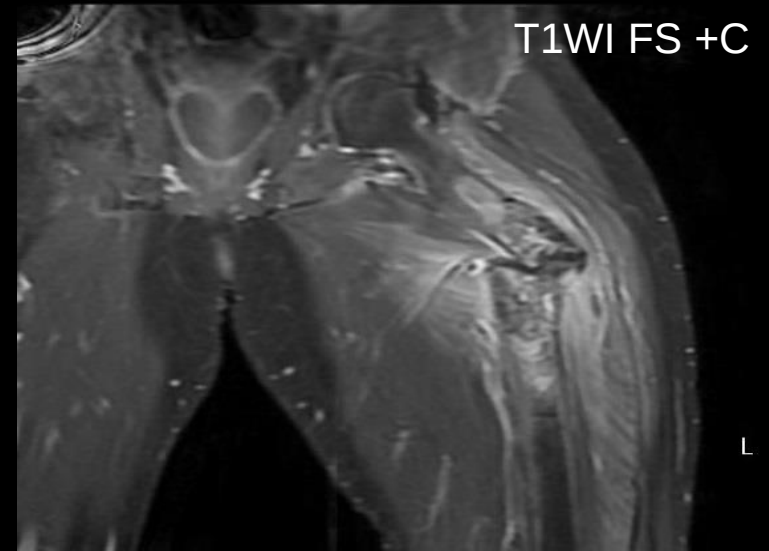
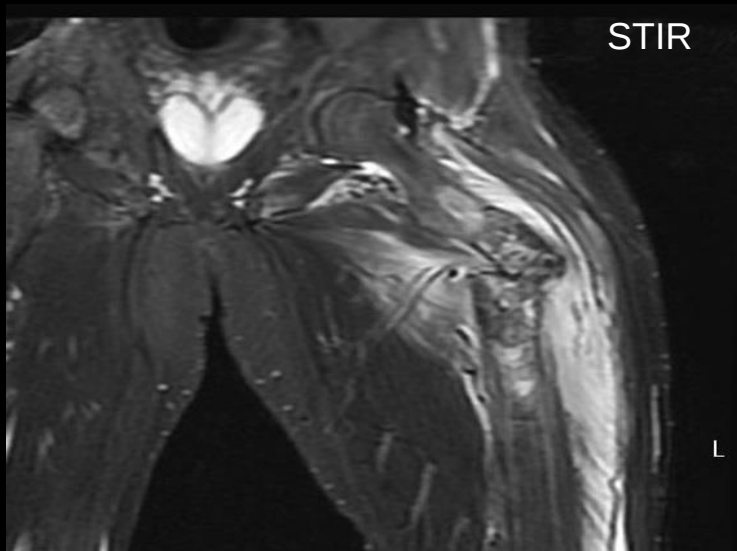
Ax T1WI +C



ANS :
Enchondroma

Q26

M/34, long-term hemodialysis history

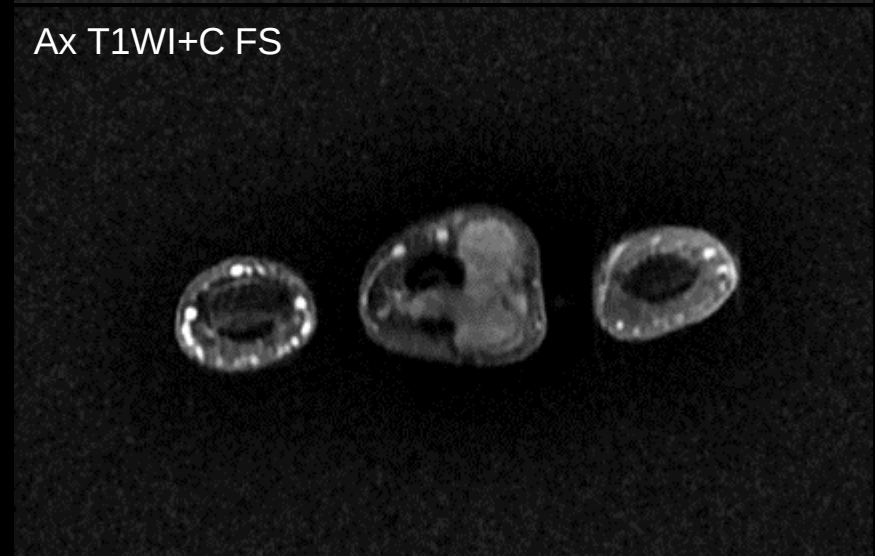
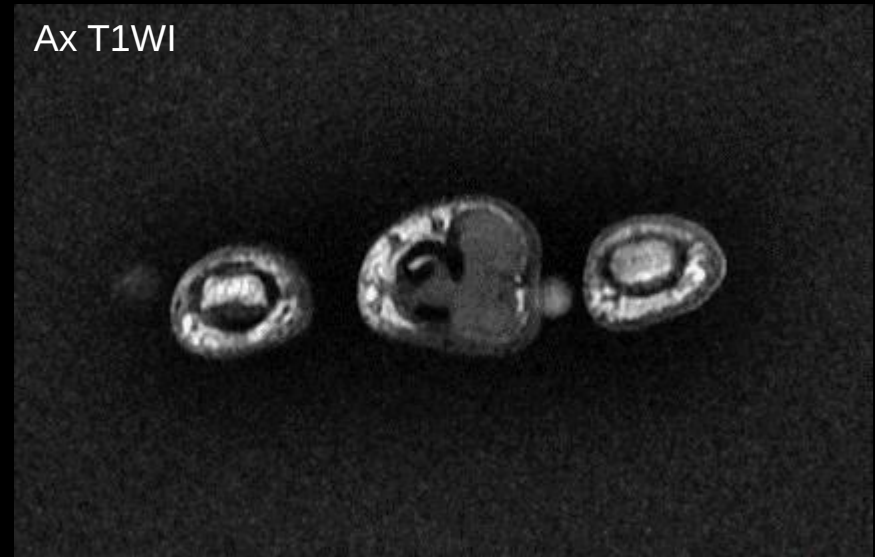


ANS :

Osteitis fibrosa cystica (brown tumor)
with pathologic fracture

Q27

M/30, left middle finger mass for one year



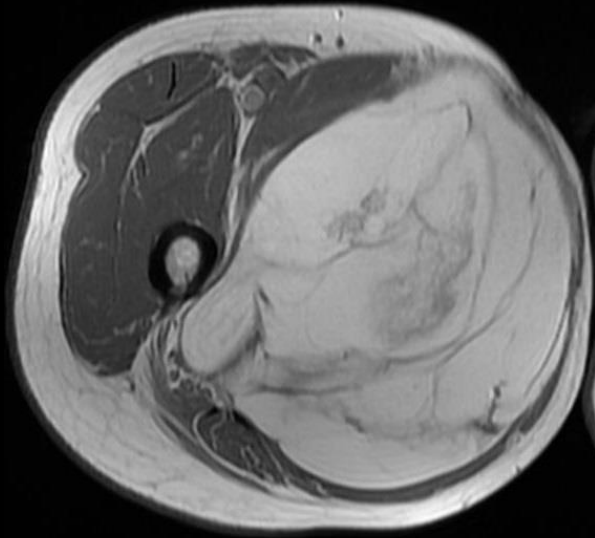
ANS :

Giant cell tumor of tendon sheath

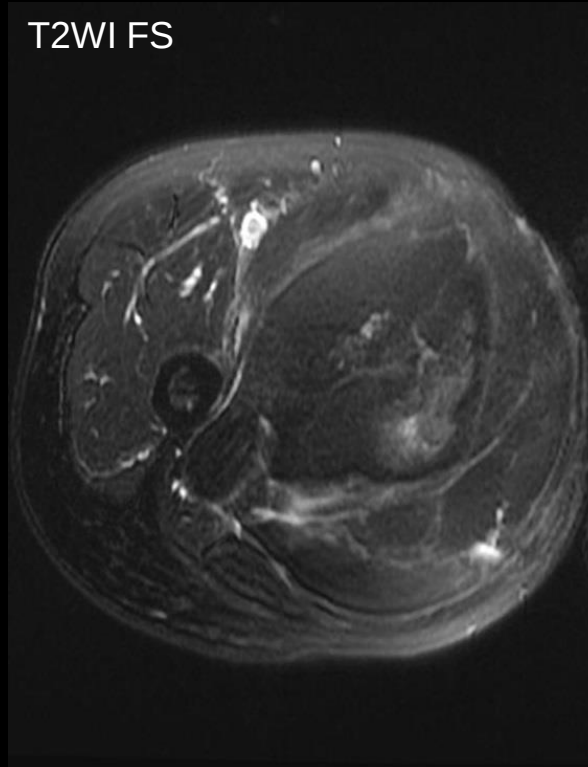
Q28

M/88, right thigh mass slowly enlarged over years

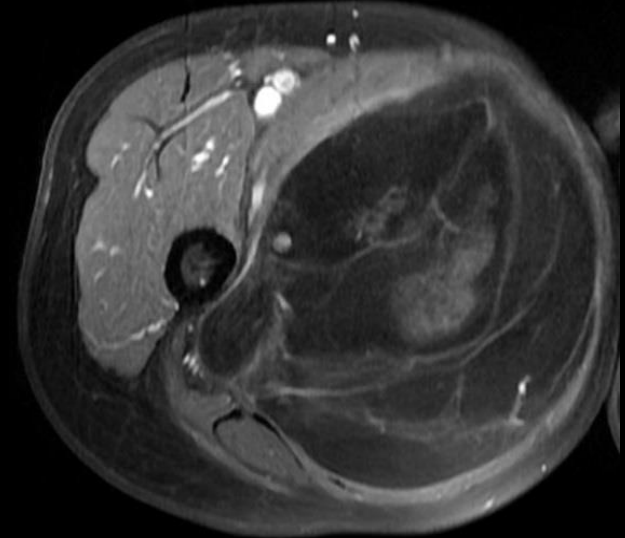
T1WI



T2WI FS



T1WI FS +C



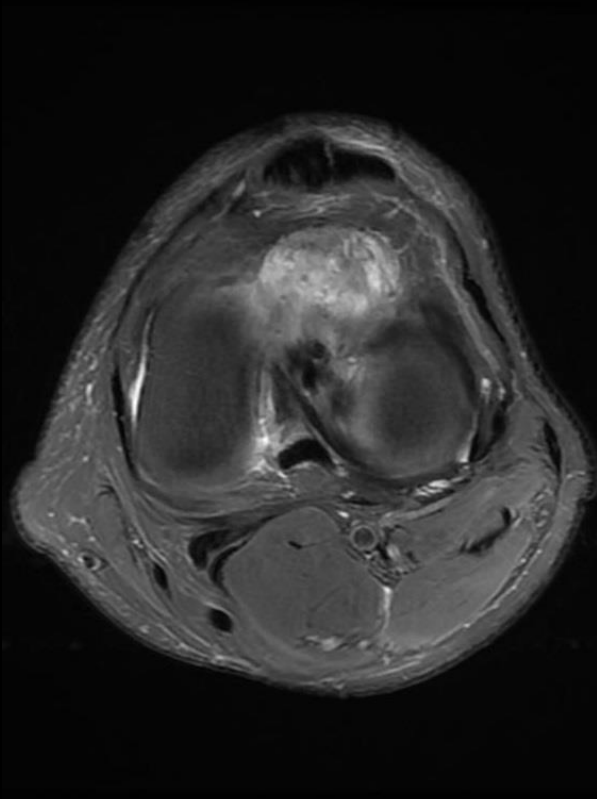
ANS :

Atypical lipomatous tumor (or
well-differentiated liposarcoma)

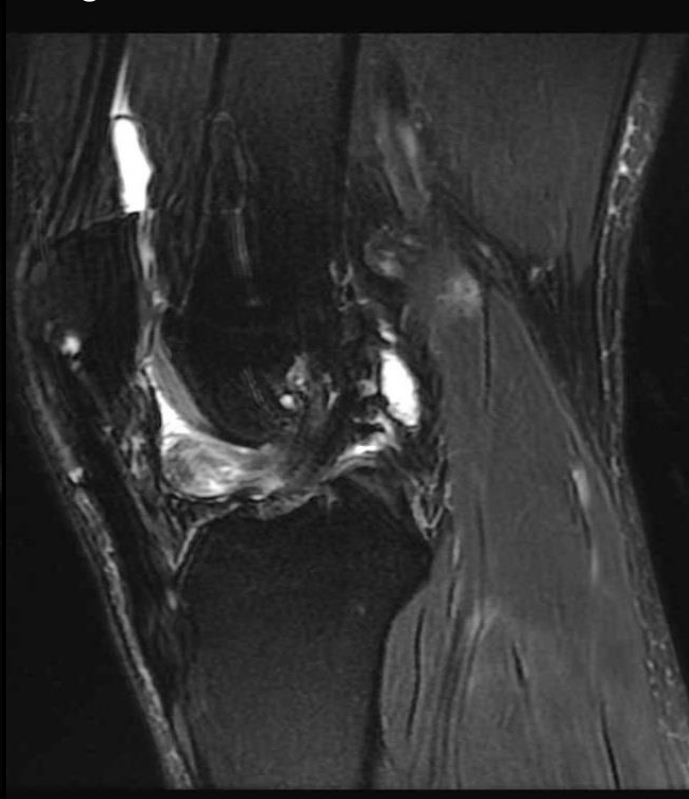
Q29

M/25, S/P ACL reconstruction with recurrent knee pain

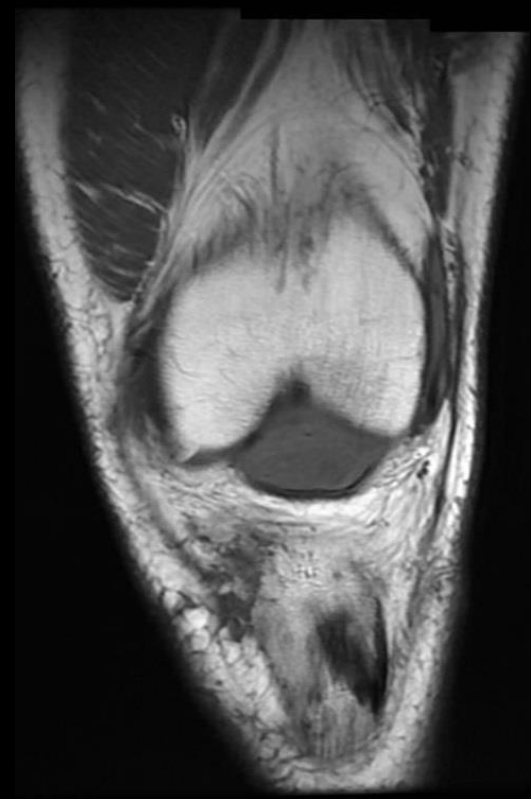
Ax PDWI FS



Sag T2WI FS



Cor T1WI

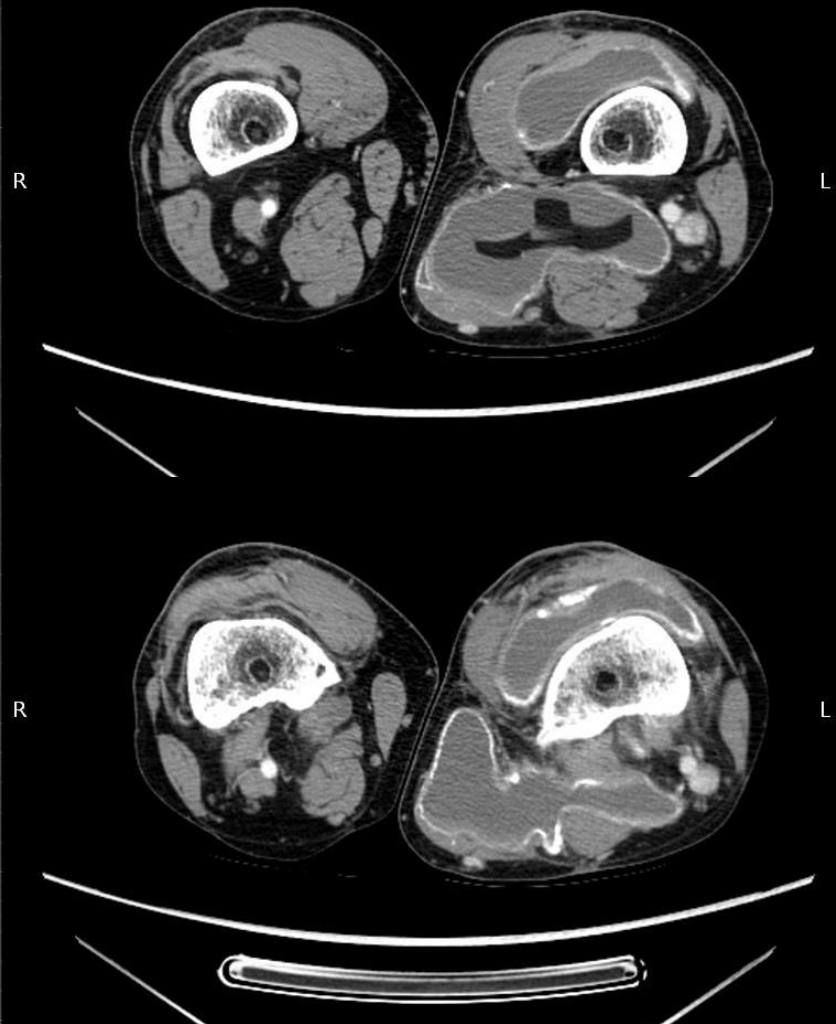


ANS :

Cyclops lesion (localized
anterior arthrofibrosis)

Q30

M/60, S/P left total knee replacement with recurrent knee pain

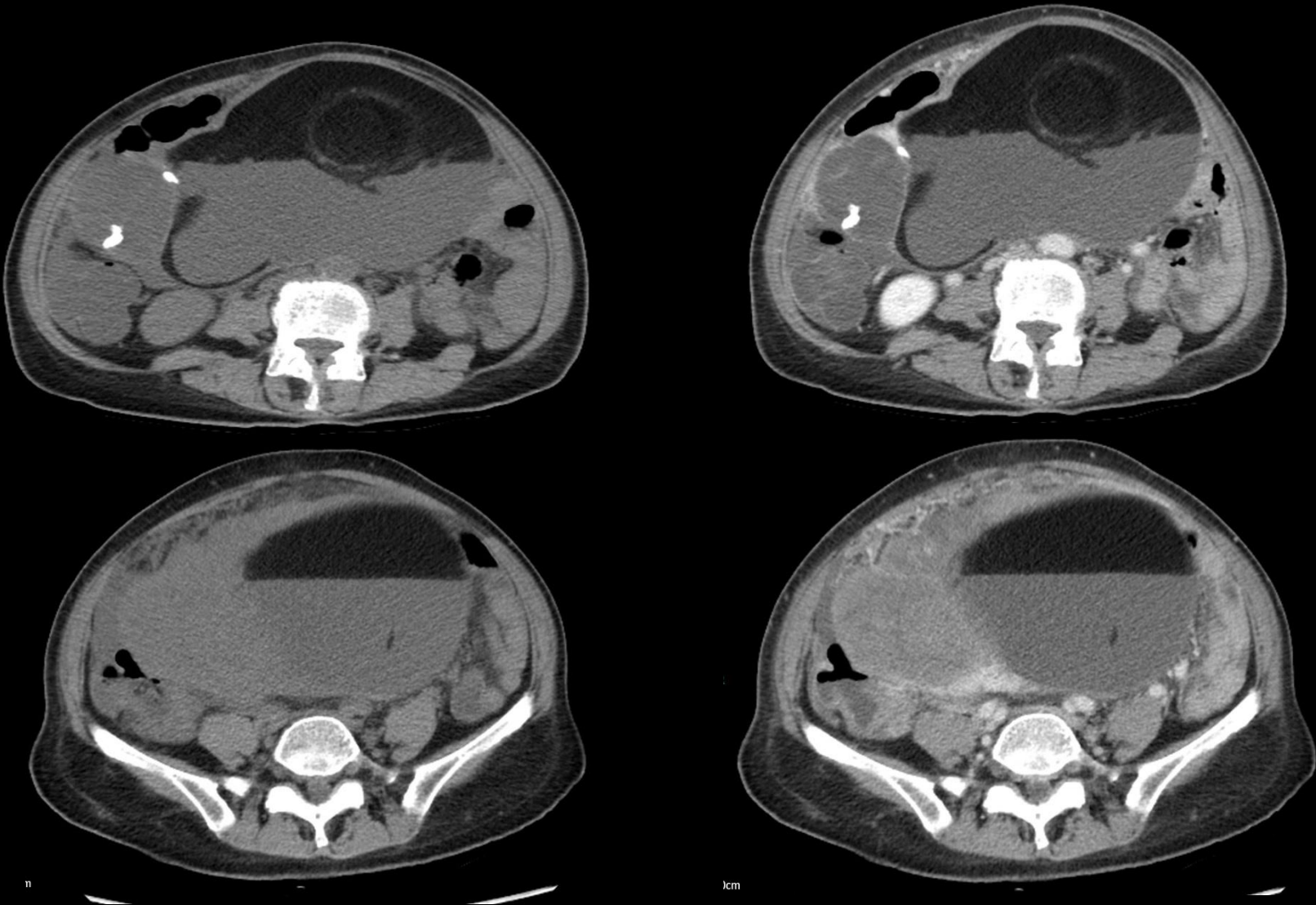


ANS :

Metallosis (or metal-induced synovitis),
due to displaced polyethylene from tibial
component

Q31

- 68 y/o F. Persist abdominal fullness
- Elevated CEA, CA-125, CA-199

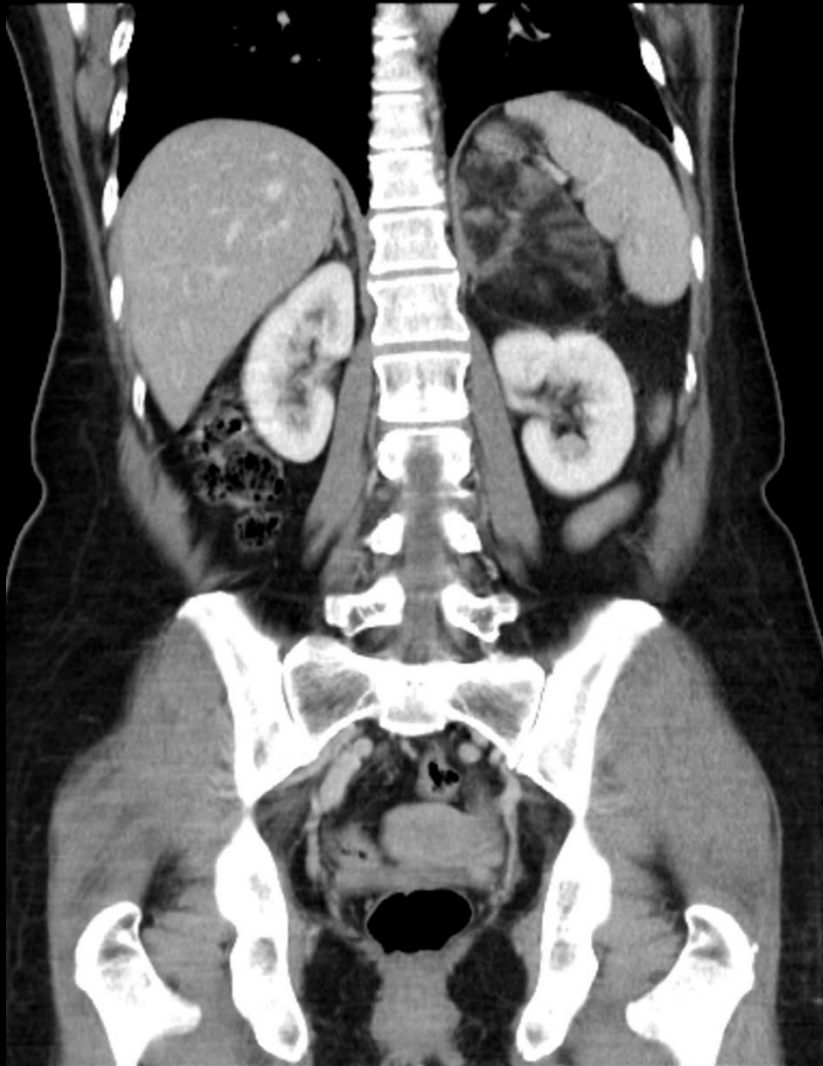


ANS:

Mature teratoma with malignant transformation

Q32

59 y/o female. Incidental finding



ANS:

Left adrenal myelolipoma

Q33

22 y/o female with sudden onset of lower abdominal pain



Pre-contrast



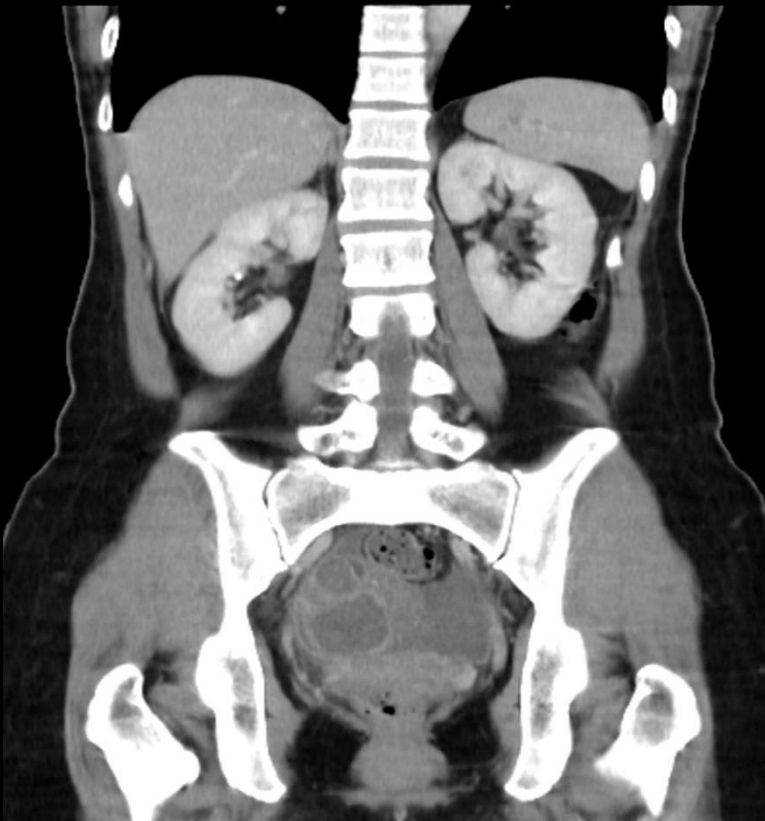
Post-contrast

ANS:

Right ovarian corpus luteal cyst
rupture with hemoperitoneum

Q34

43 y/o female c/o lower abdominal fullness and intermittent pain. CBC: Leucocytosis with left shift; Elevated CRP

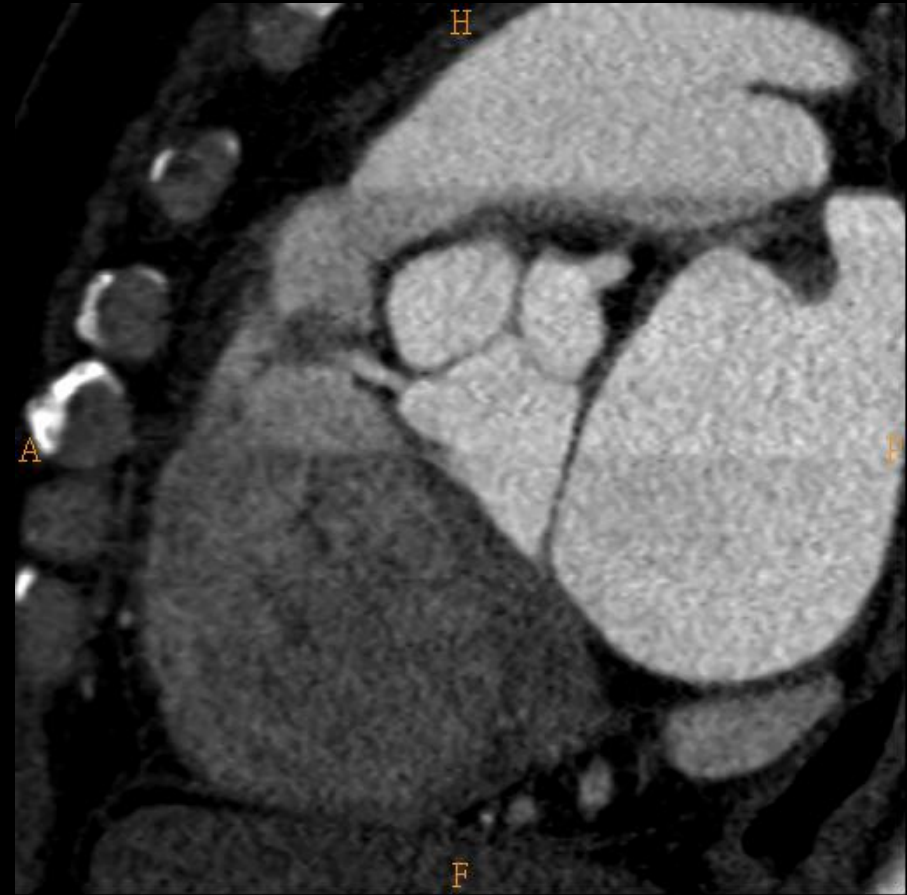


ANS:

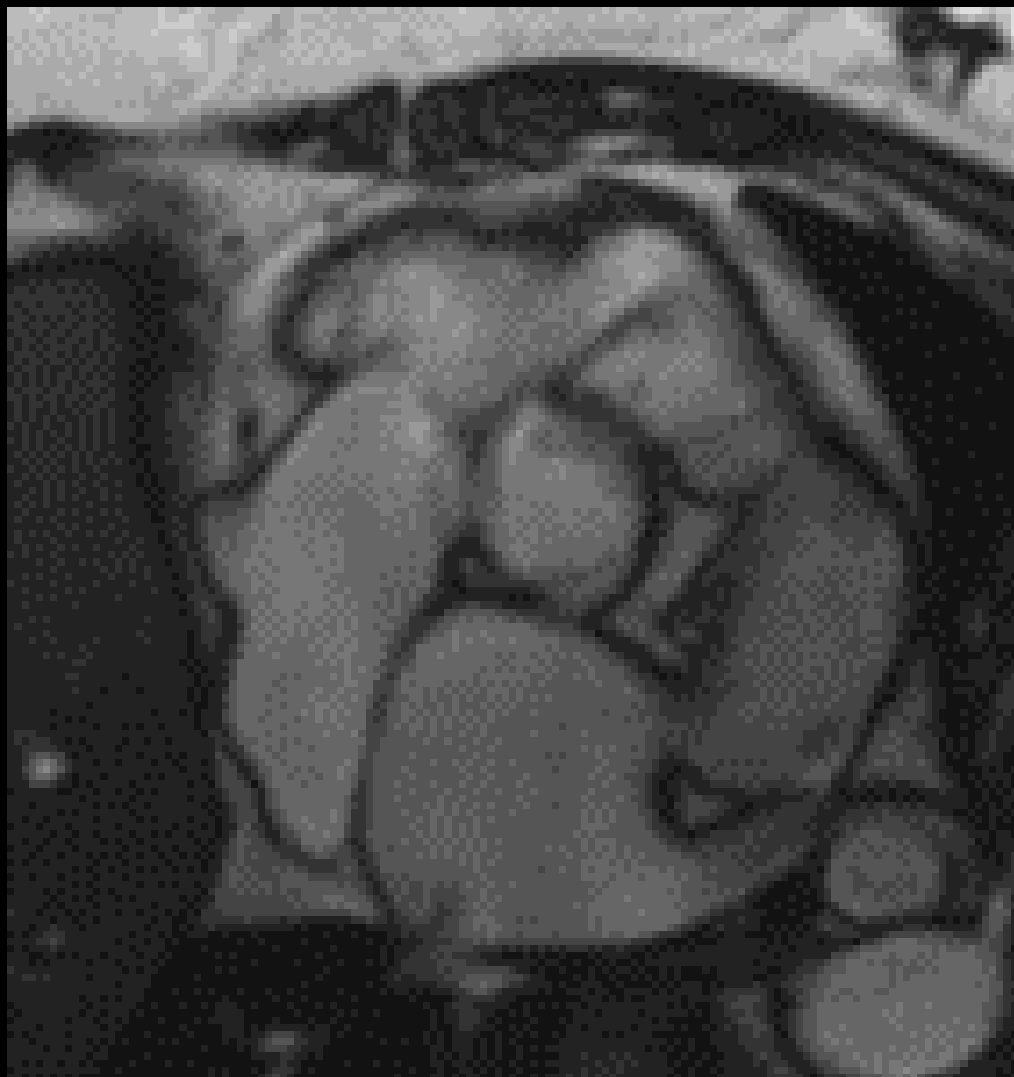
Right tubo-ovarian abscess

Q35_(1/2)

55 y/o female
mild dyspnea on exertion; Gr III PSM at LSB
(Diagnosis and type)



Q35_(2/2)

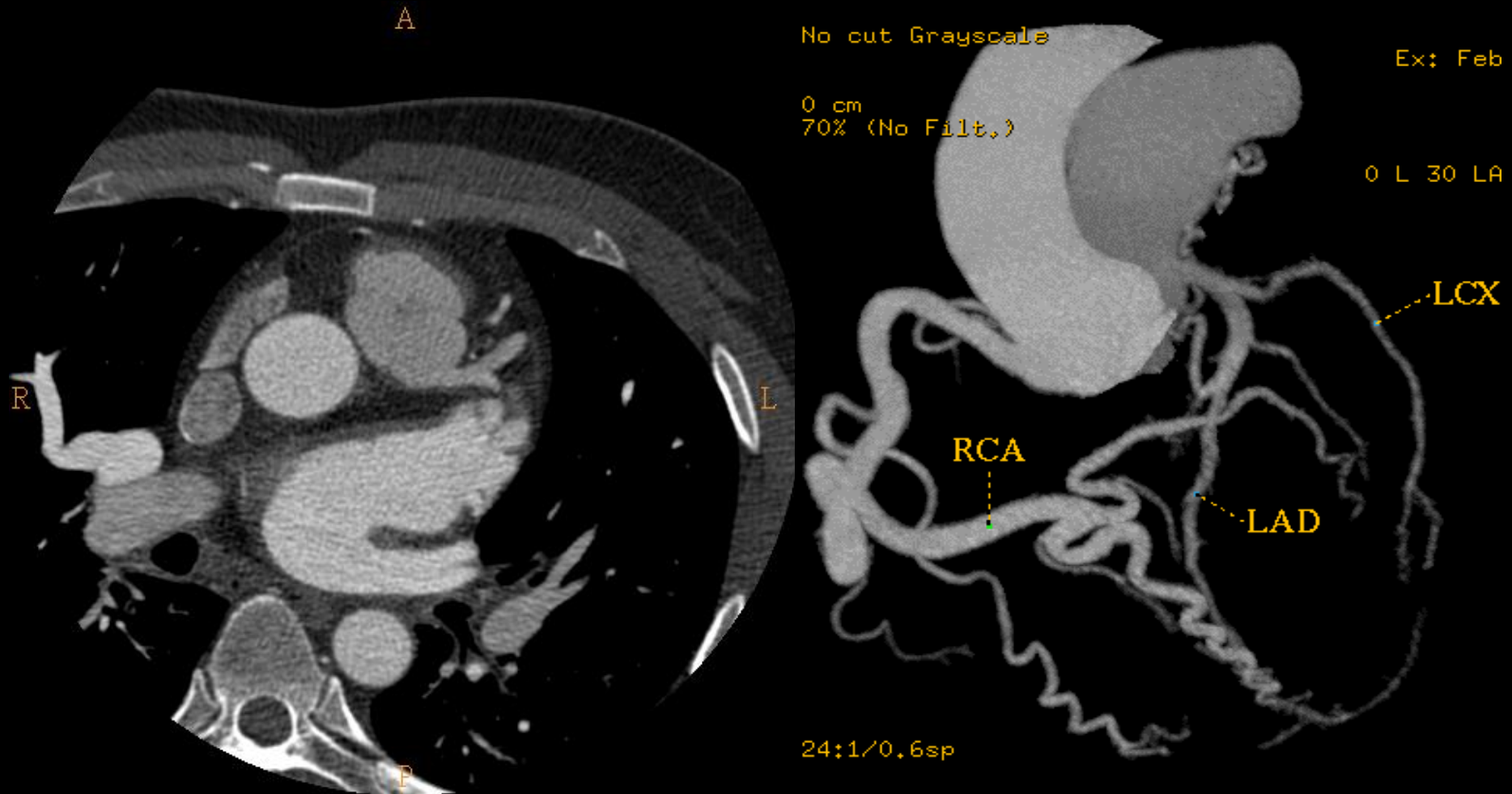


A35

ANS :
VSD, type 1

Q36

36 y/o male; shortness of breath and chest tightness



ANS :

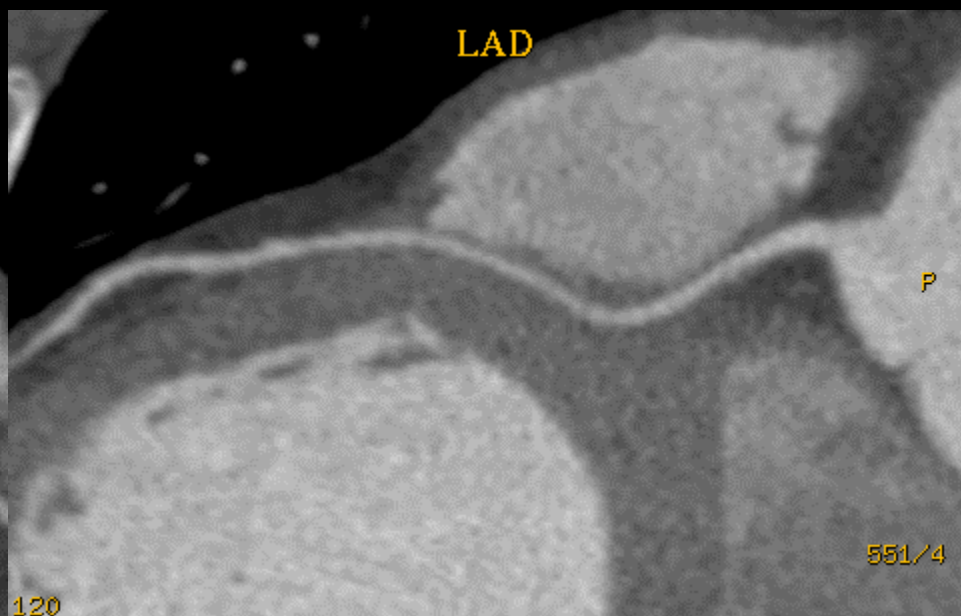
Anomalous origin of the left coronary
artery from the pulmonary artery
(ALCAPA) syndrome

Q37_(1/2)

46 y/o male ; chest pain
(Diagnosis and specify course)



Q37_(2/2)

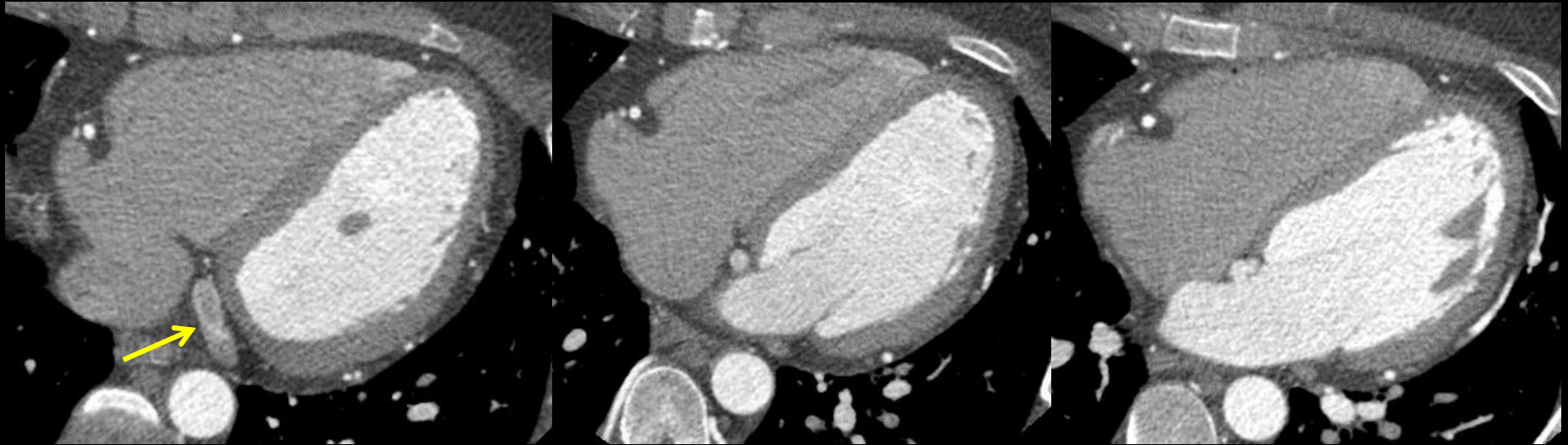


ANS :

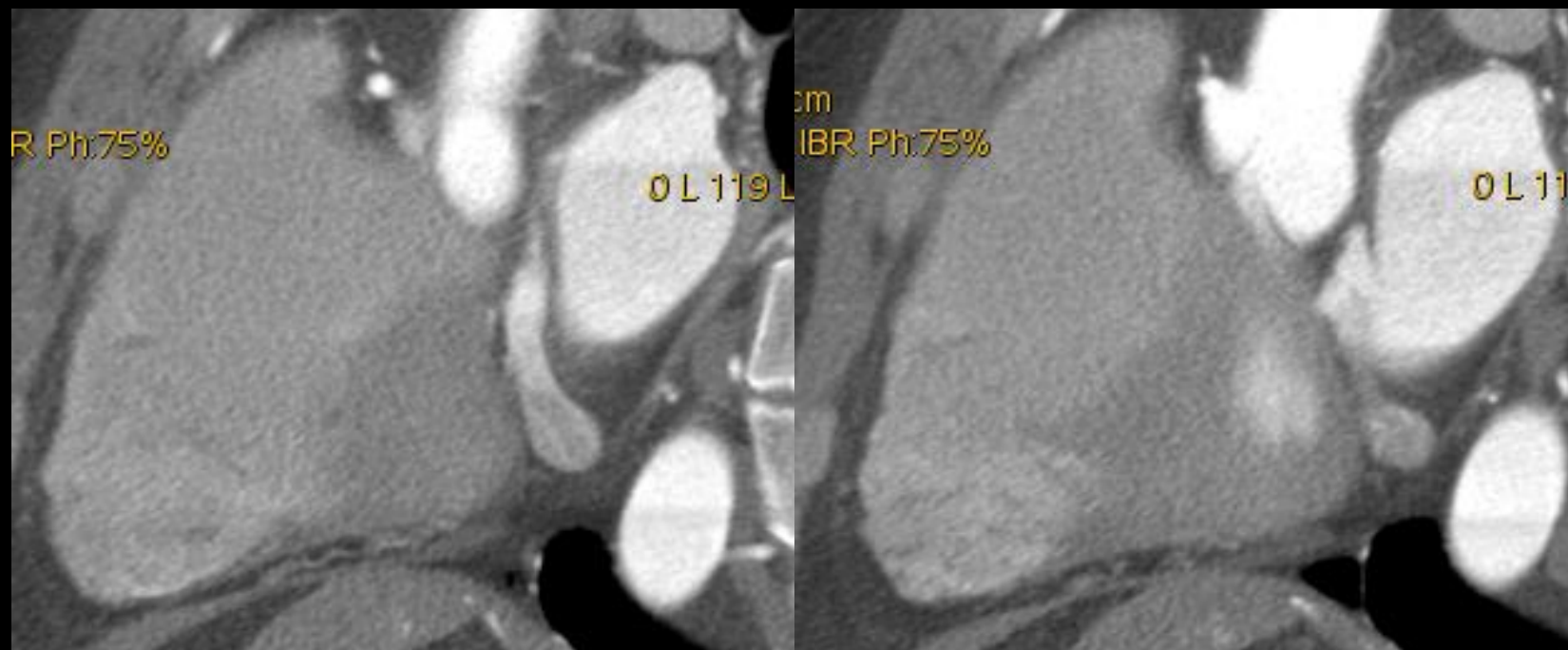
Single coronary artery arising from right coronary sinus with prepulmonic course of left circumflex artery and septal/subpulmonic course of left anterior descending artery

Q38_(1/2)

29 y/o male, chest tightness



Q38_(2/2)

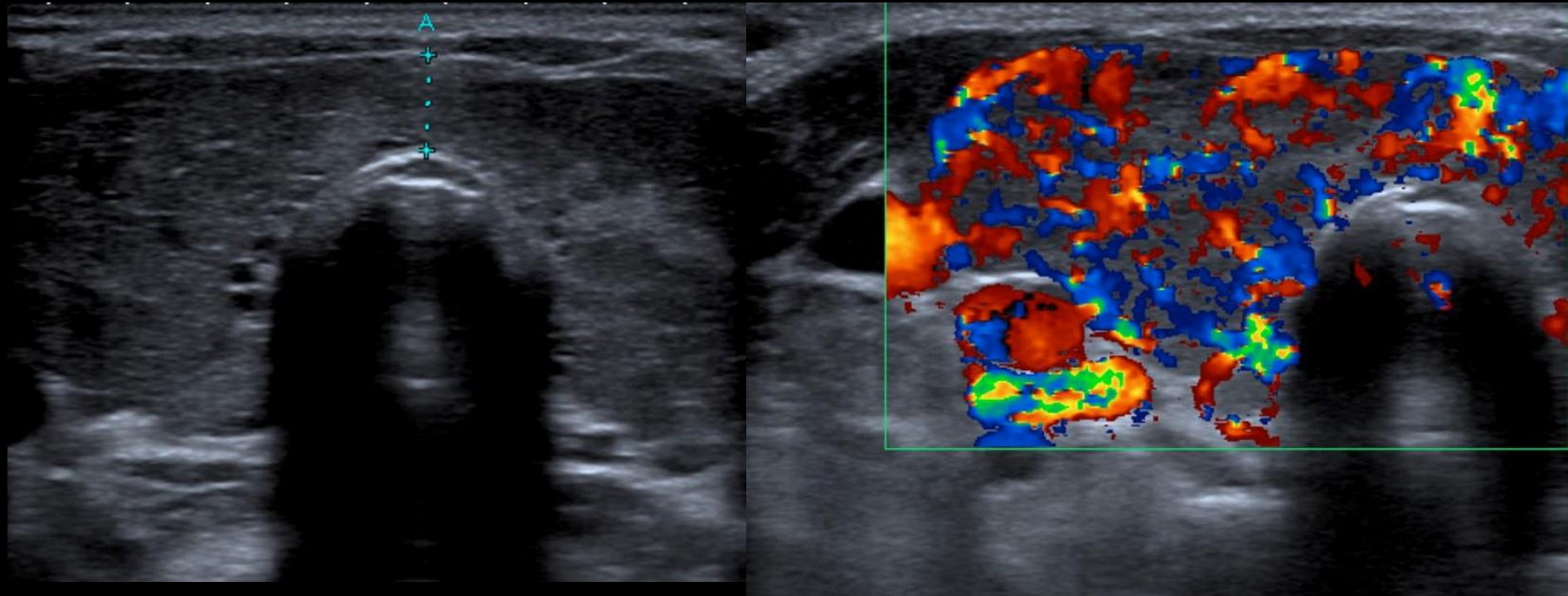


ANS :

Anomalous coronary sinus drainage into
the left atrium
(同義即可)

Q39

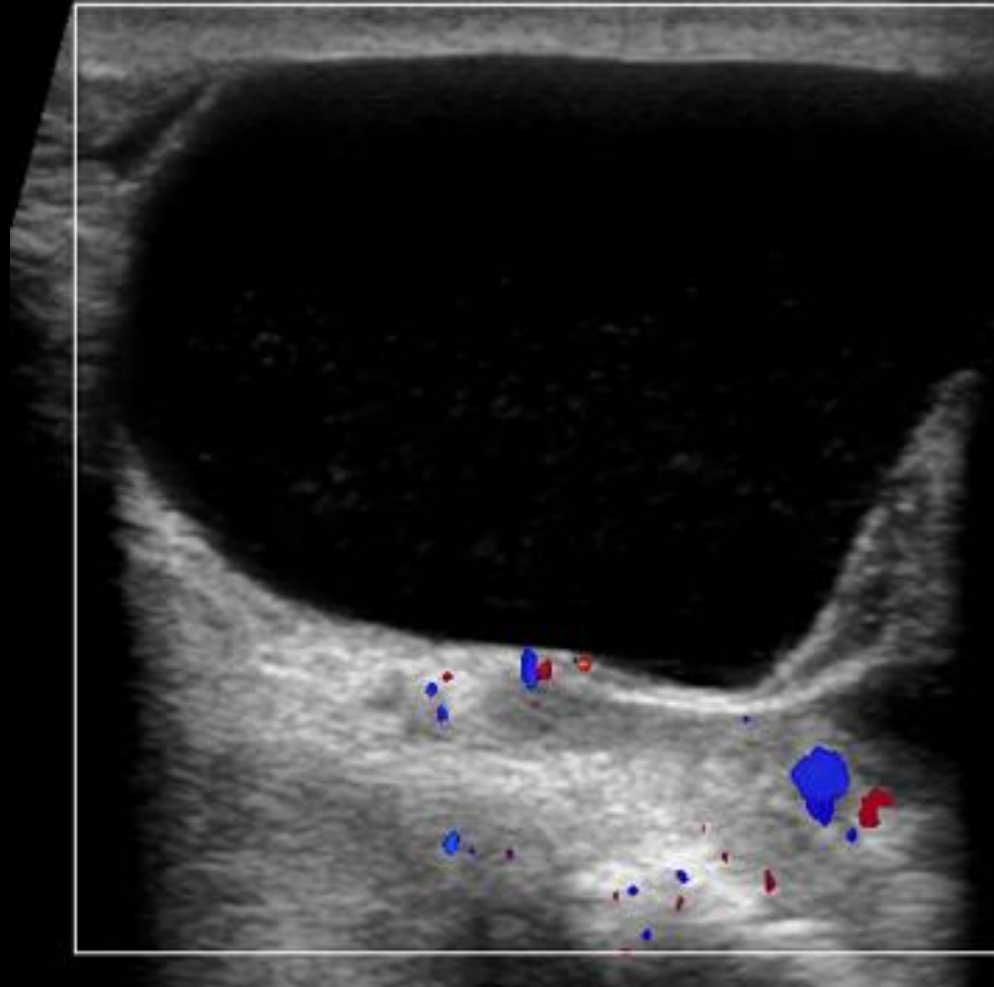
54/F, thyroid goiter



ANS :
Grave's disease

Q40

56/M , enlarged scrotum

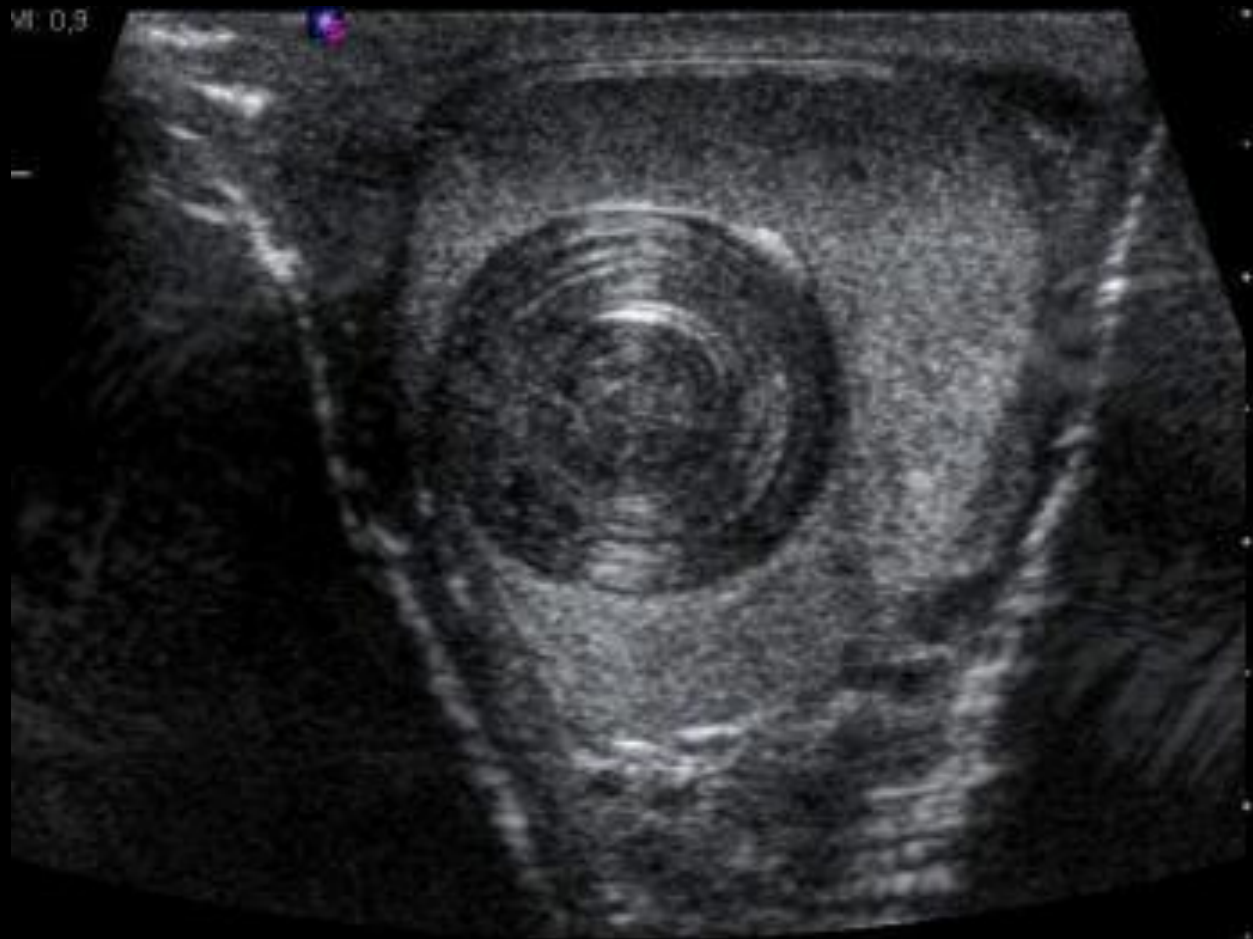


ANS :

Spermatocele (epididymal cyst)

Q41

20/M, testicular mass

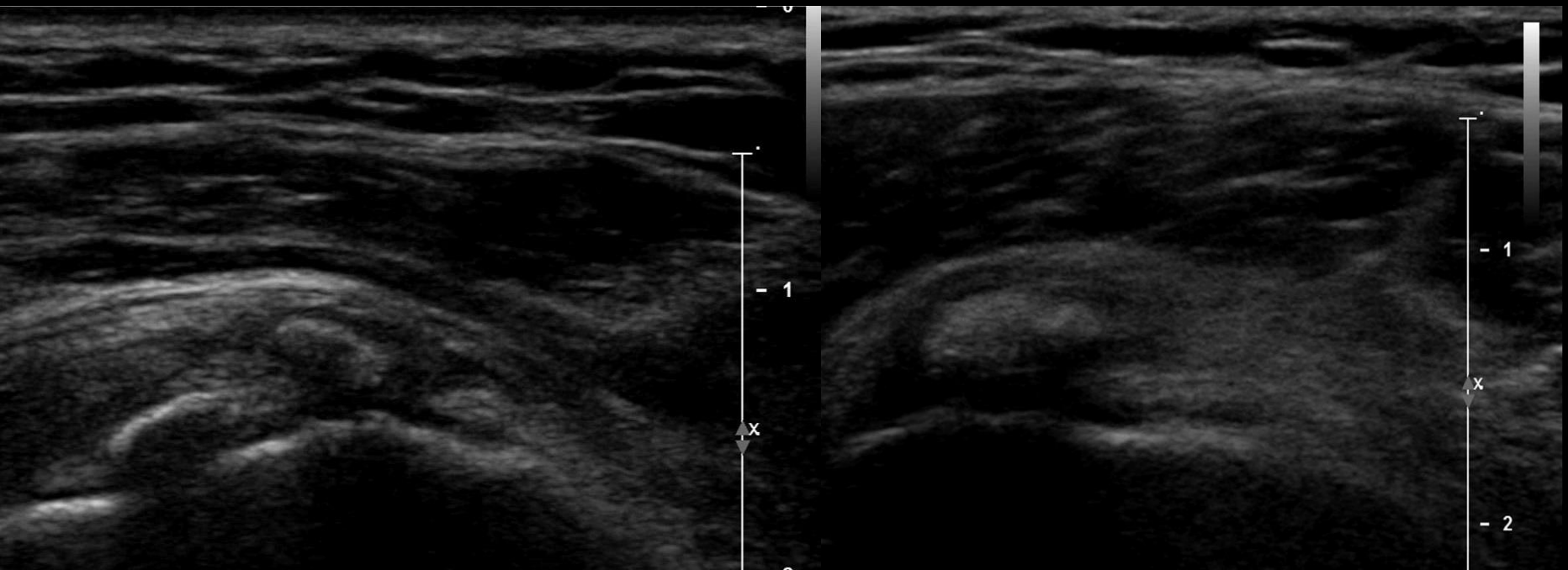


ANS :

Testicular epidermoid cyst

Q42

38/M, right shoulder pain



ANS :
Calcific tendinitis

Q43

A 8 month old female patient.
What is your diagnosis?



ANS :

Bilateral developmental dysplasia of hip

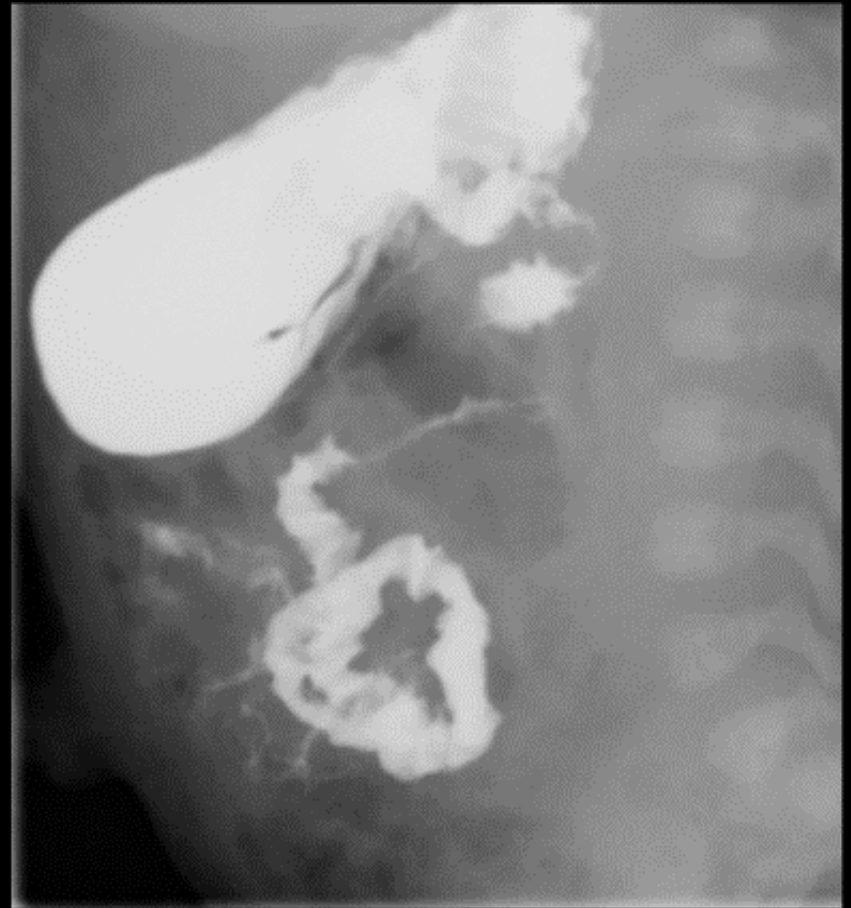
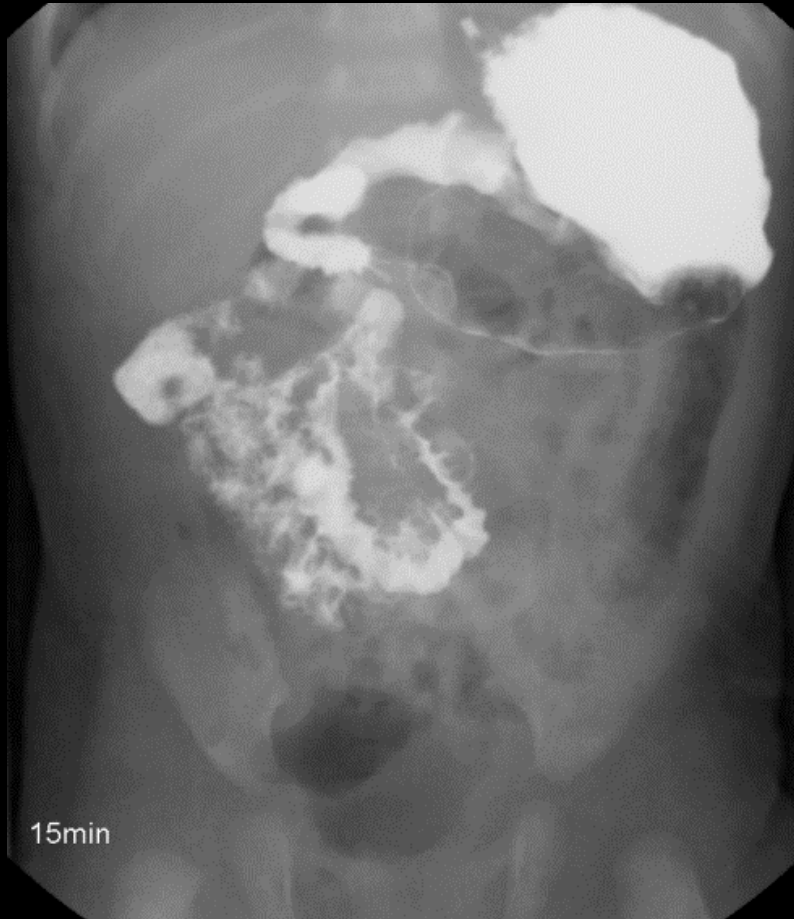
Q44

A 5 day old male patient.
What is your diagnosis?



ANS :
Anal atresia

Q45 Bilious vomitus in this newborn female patient.
What is the diagnosis?

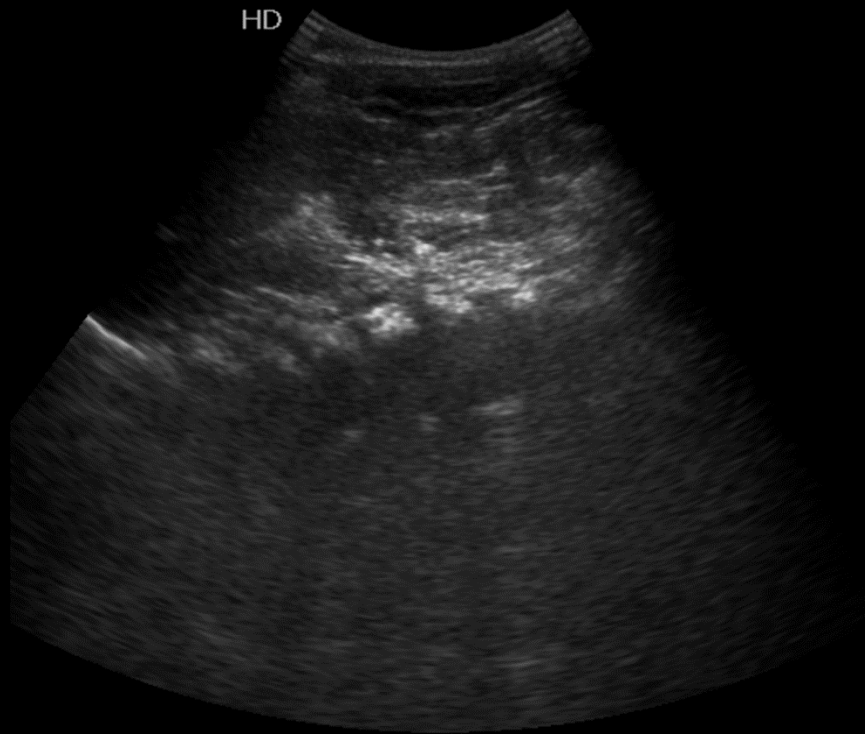


ANS :

Midgut volvulus (malrotation)

Q46

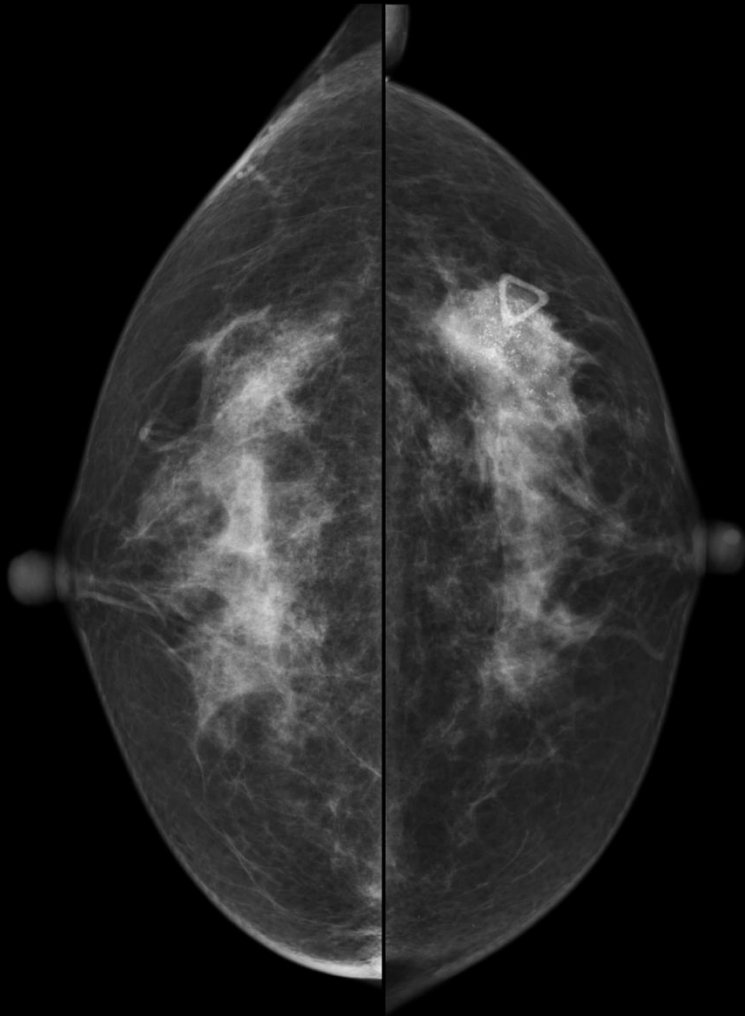
Crying and strawberry stool attacked this 1 year-old female patient.
What is the diagnosis?



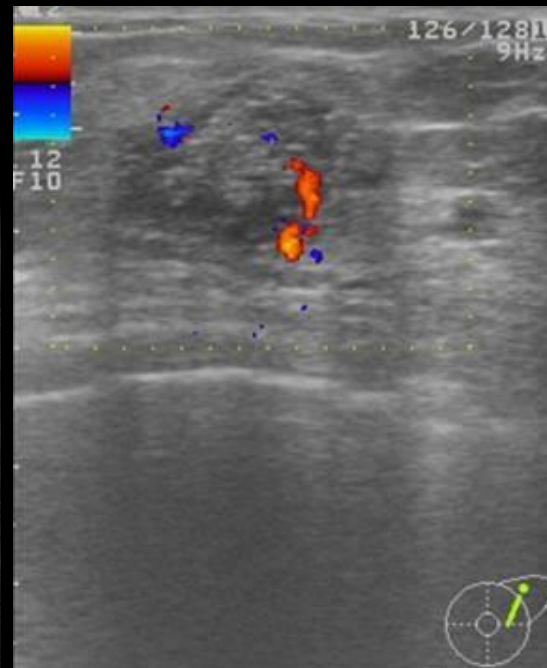
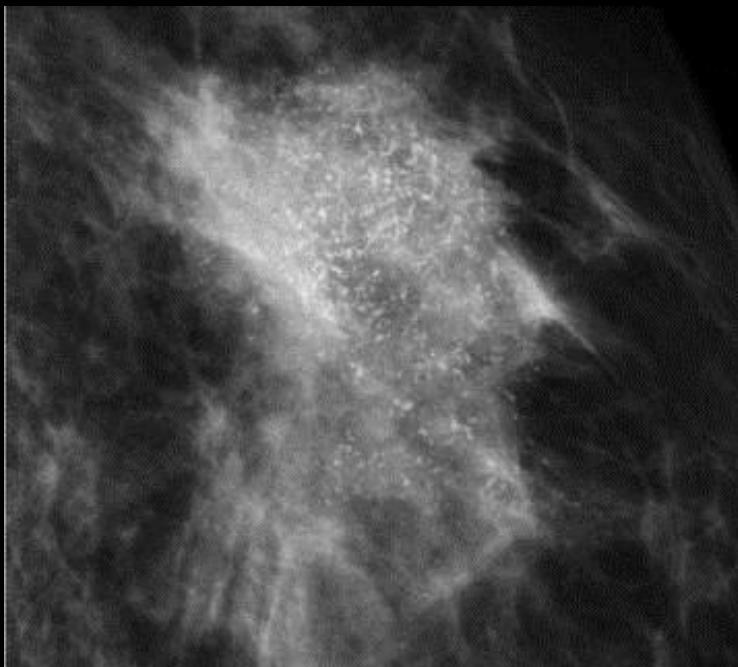
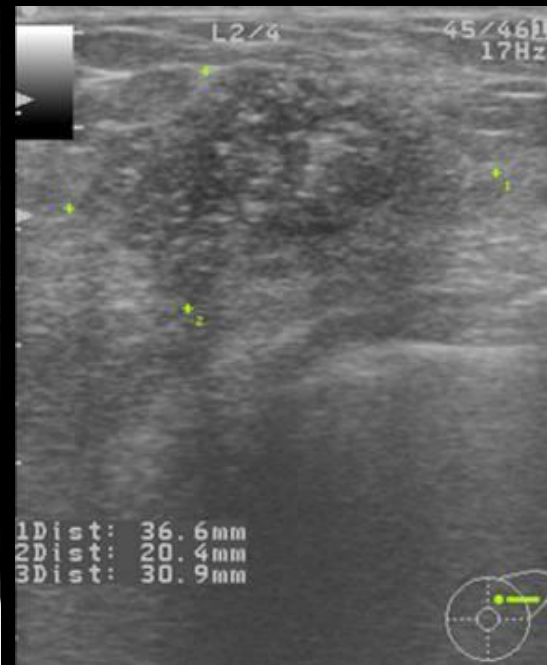
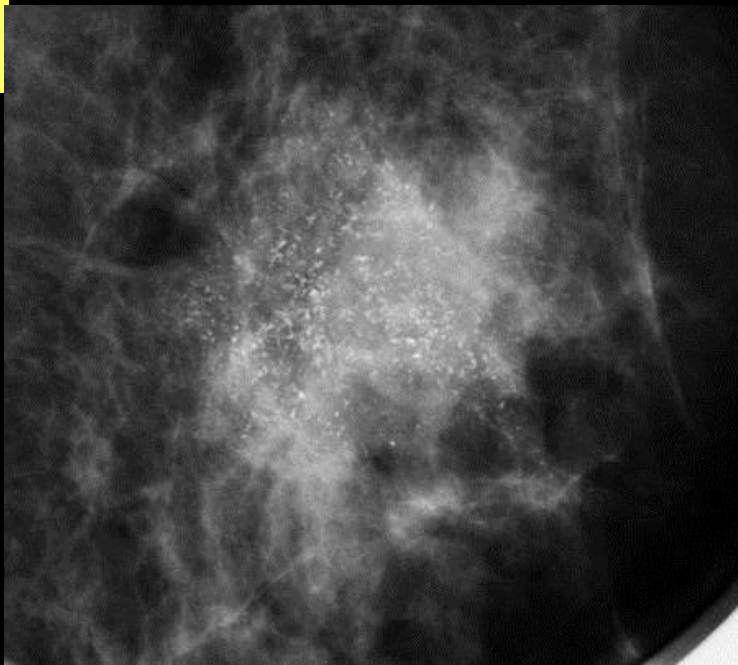
ANS :
Intussusception

Q47_(1/2)

55F, palpable mass
BI-RADS? Diagnosis?



Q47_(2/2)



ANS :

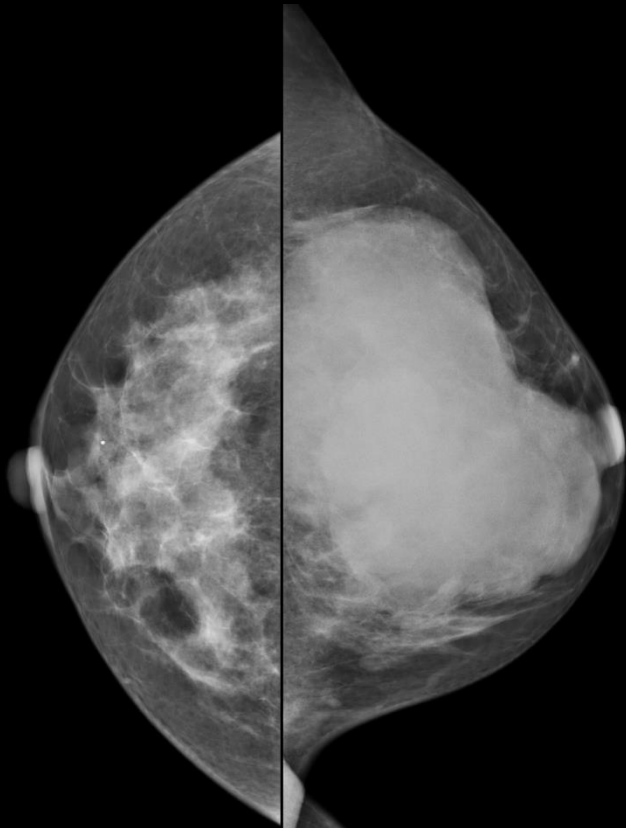
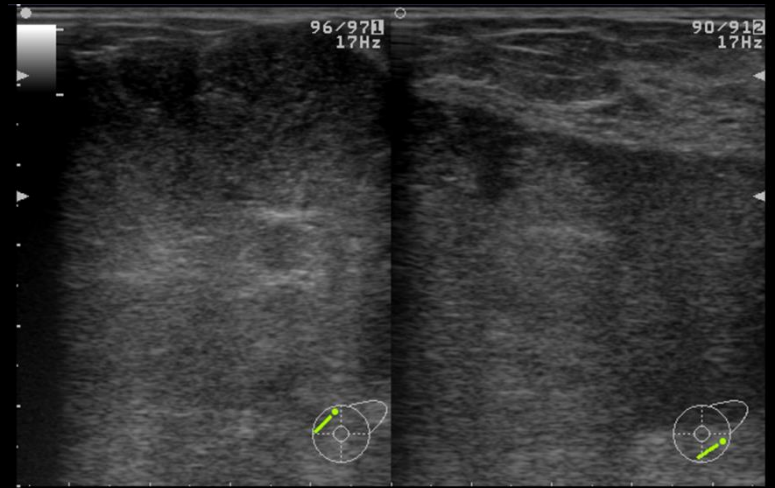
BI-RADS 4 or 5

Breast cancer

- (Pathology: invasive ductal carcinoma)

Q48

45F, a mass noted for 4 months, rapid growth in recent 2 months
Diagnosis?



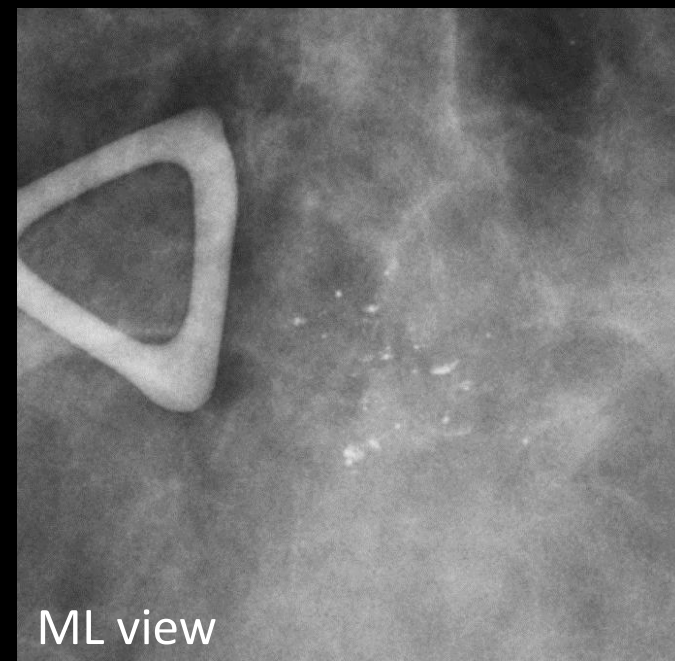
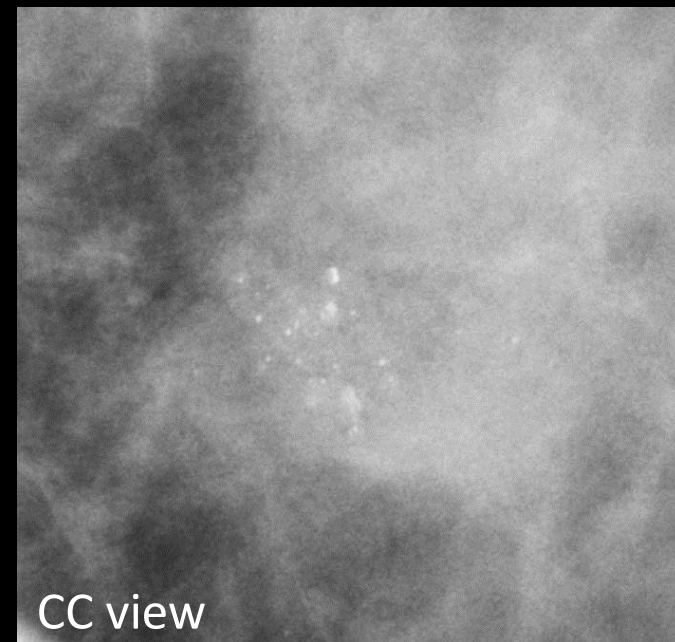
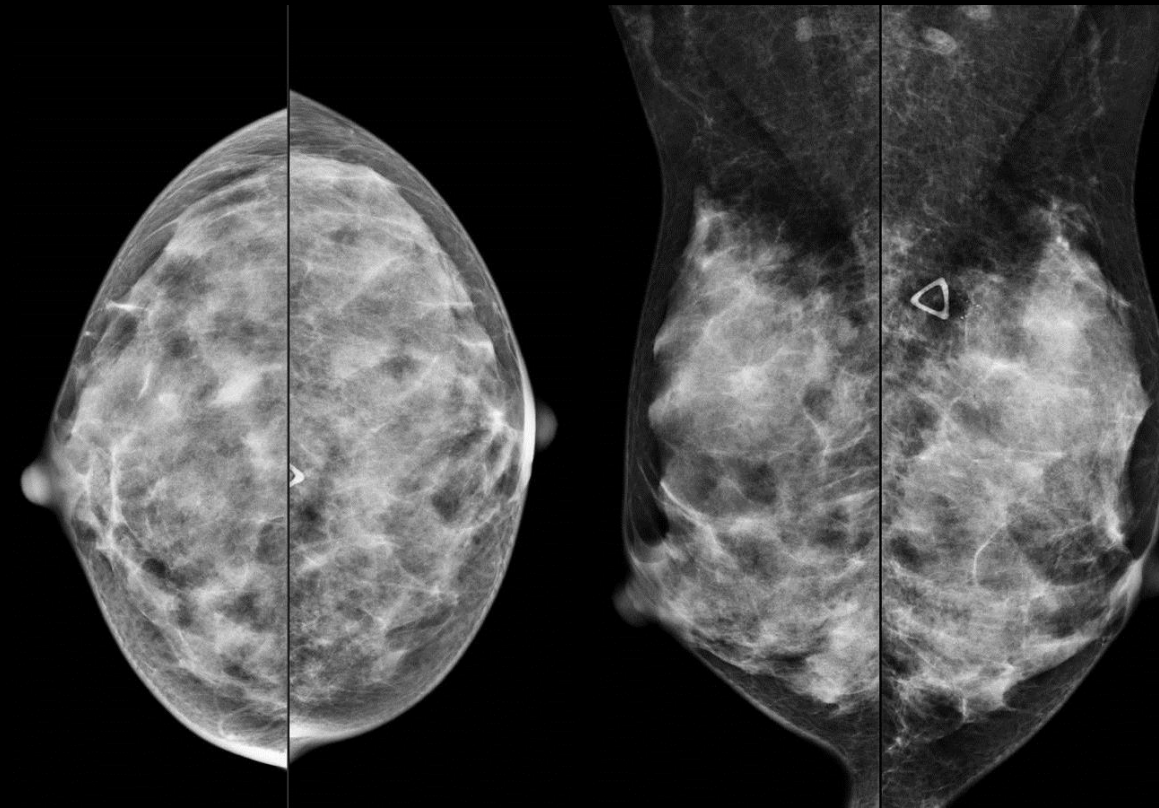
ANS :

Phyllodes tumor (malignant)

Q49

41F

BI-RADS? Diagnosis?



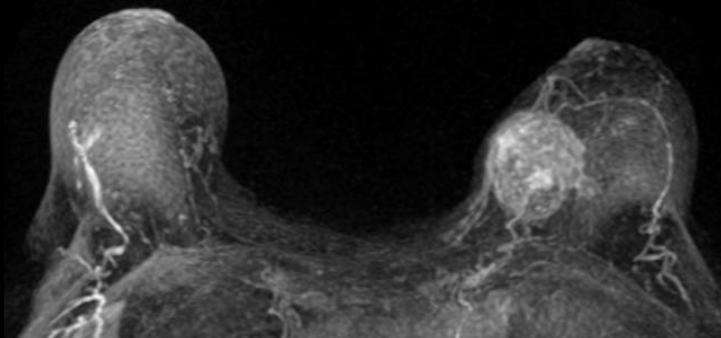
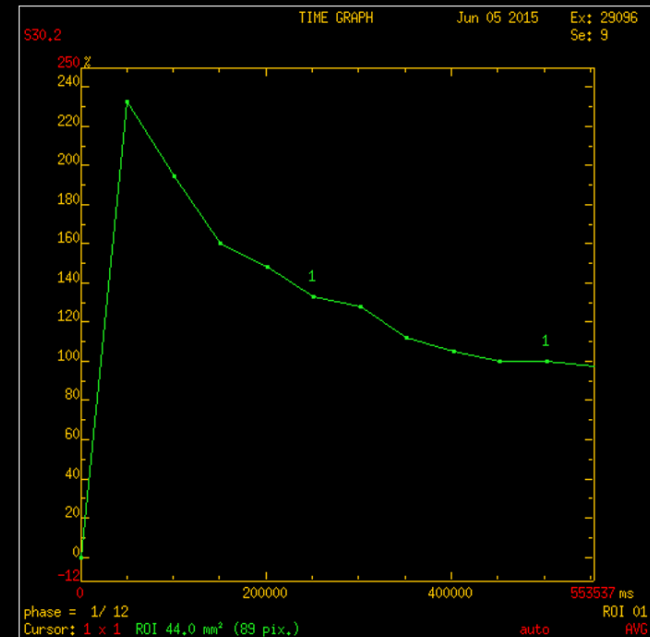
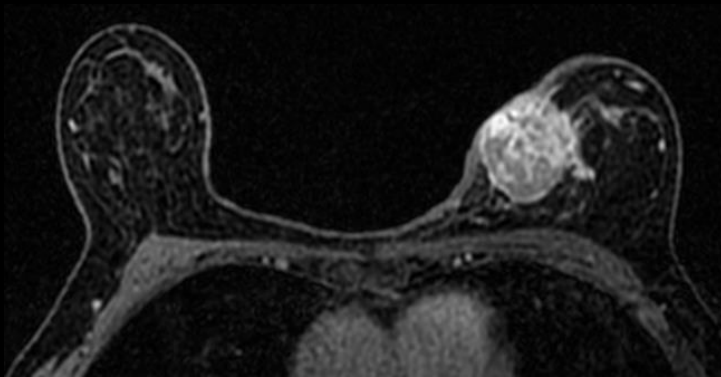
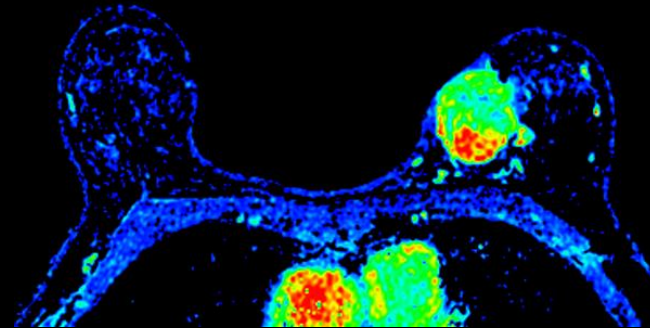
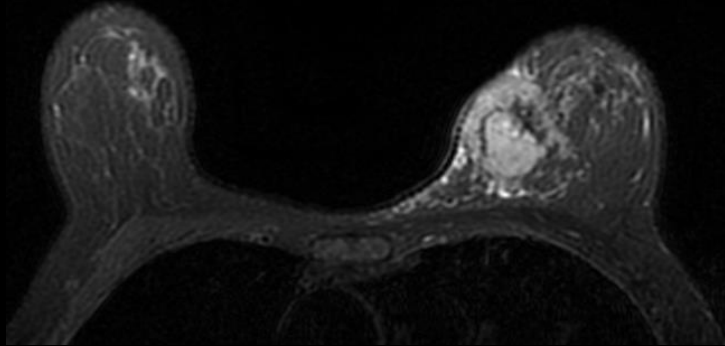
ANS :

BI-RADS 2

Milk of calcium

Q50

64F BI-RADS? Diagnosis?



ANS :

BI-RADS 5

Breast cancer

- (Pathology: invasive ductal carcinoma)