

2013年05月24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
台大醫院影像醫學部

Q01

性別：Female

年齡：2 years-old, Gestation period 40+4 weeks

主訴或重要病史或物理檢查：irritable, failure to thrive, vomiting



A01

ANS: abscess

Q02

性別：Female

年齡：55 day-old,

主訴或重要病史或物理檢查：tinnitus,



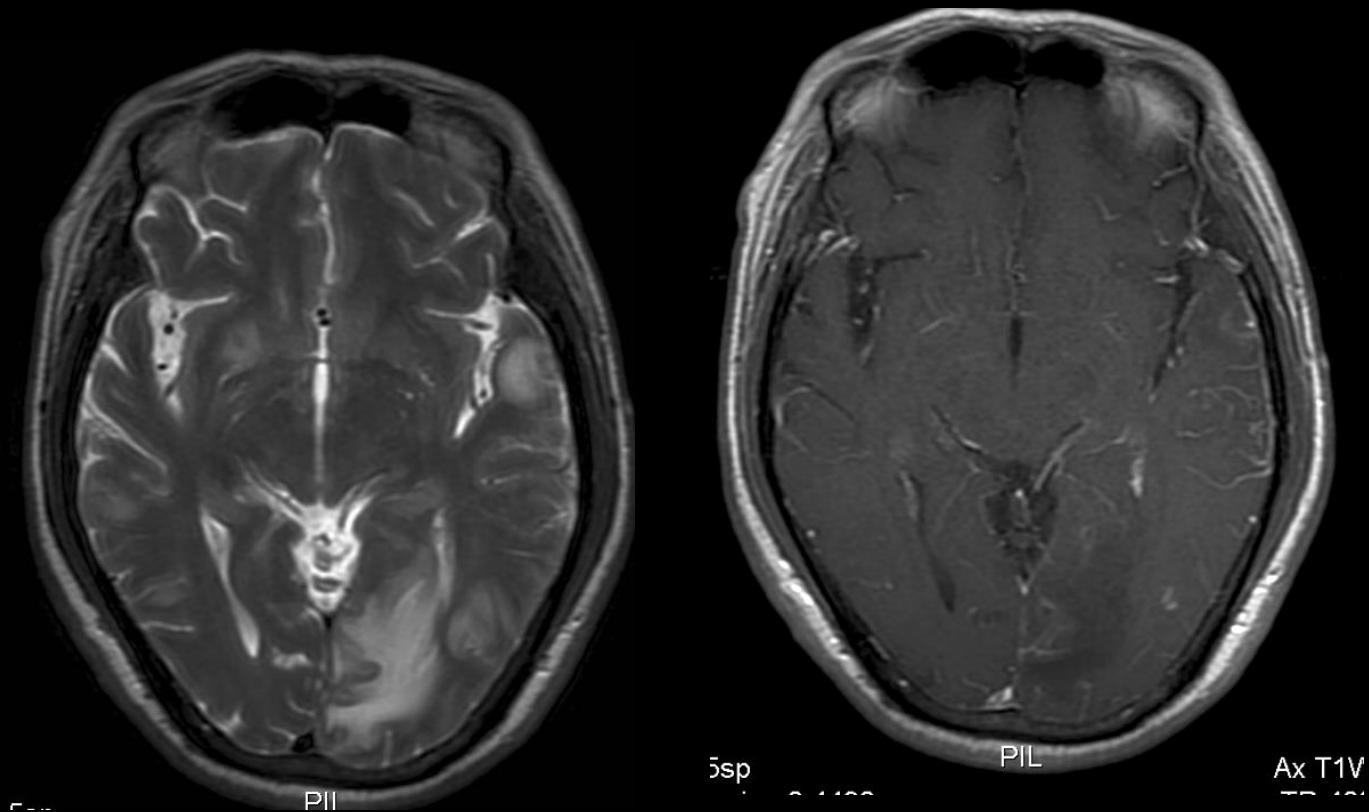
ANS: tympanic paraganglioma

Q03

性別：Female

年齡：35 day-old,

主訴或重要病史或物理檢查：progression loss of consciousness, seizure attach



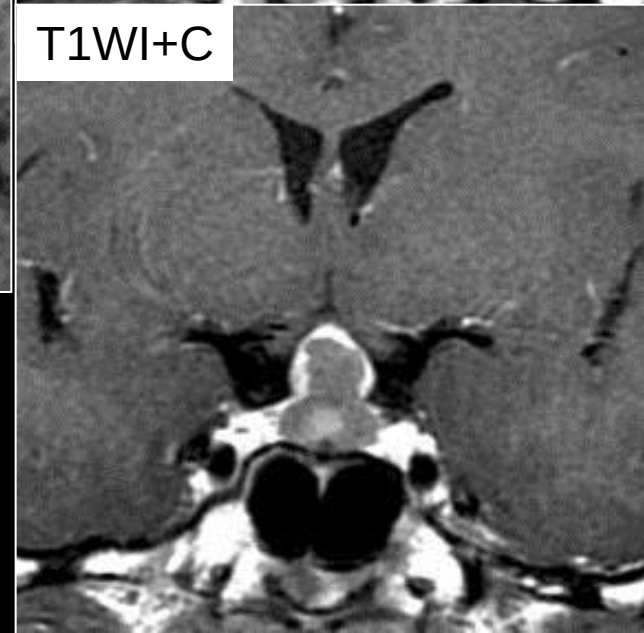
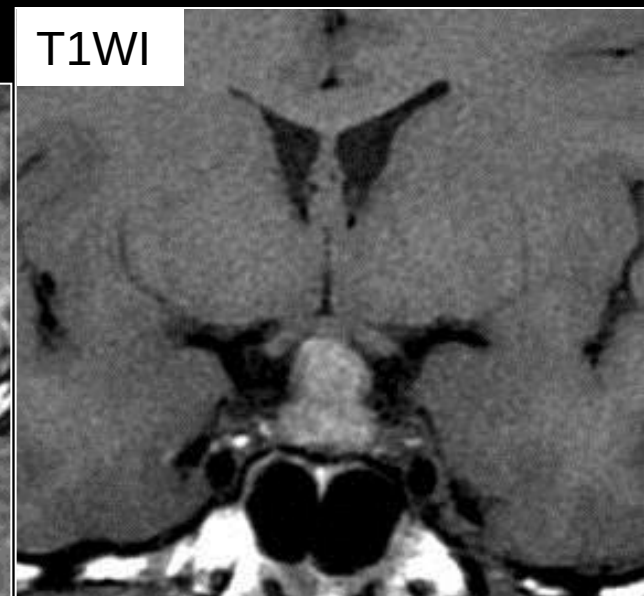
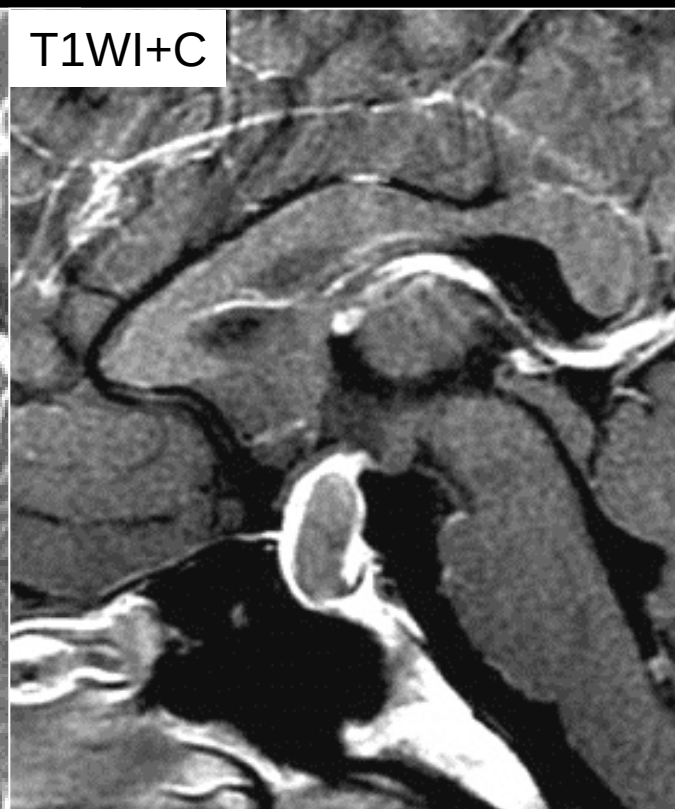
ANS: cerebritis

Q04

性別：Female

年齡：17 y/o

主訴或重要病史或物理檢查：headache, normal
endocrine test



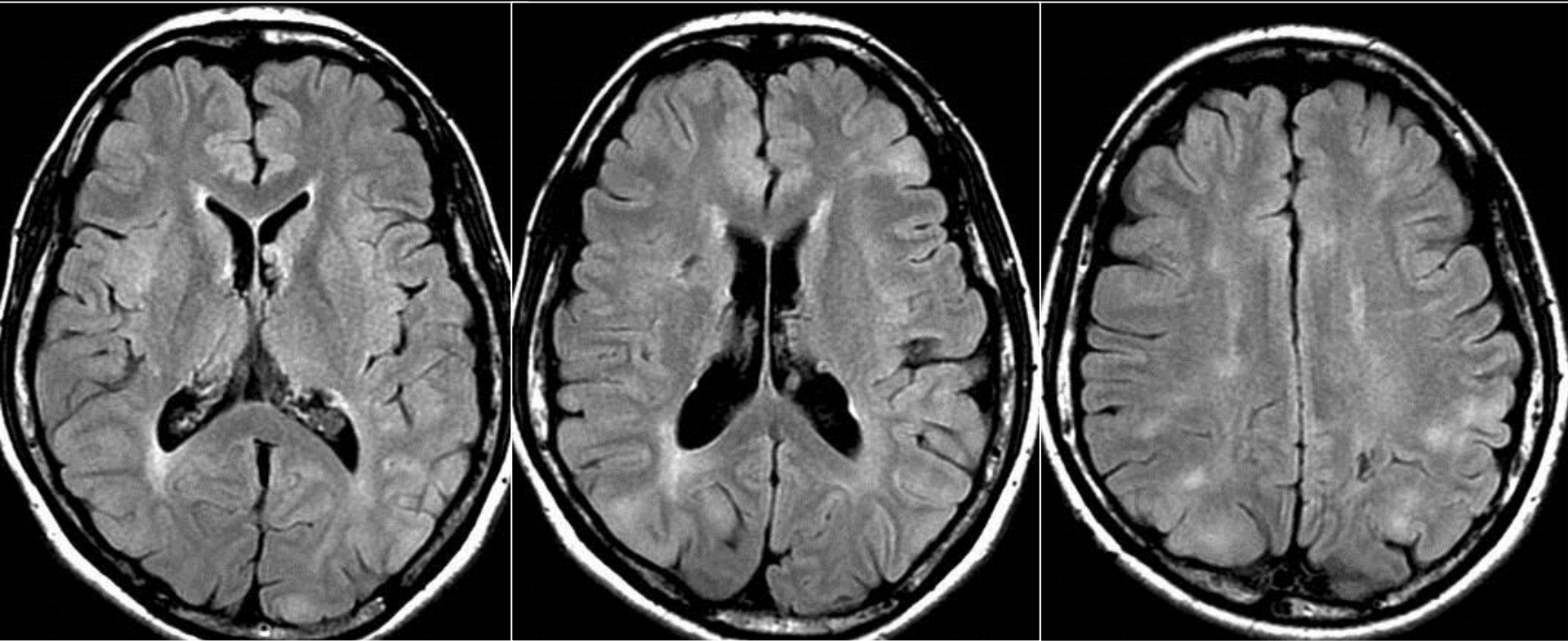
ANS: Rathke's cleft cyst

Q05

性別：Female

年齡：48 y/o

主訴或重要病史或物理檢查：Epilepsy, mental retardation



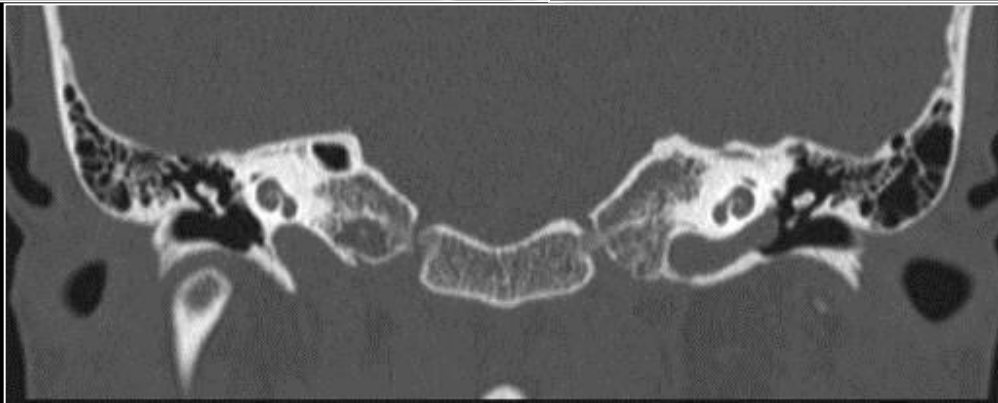
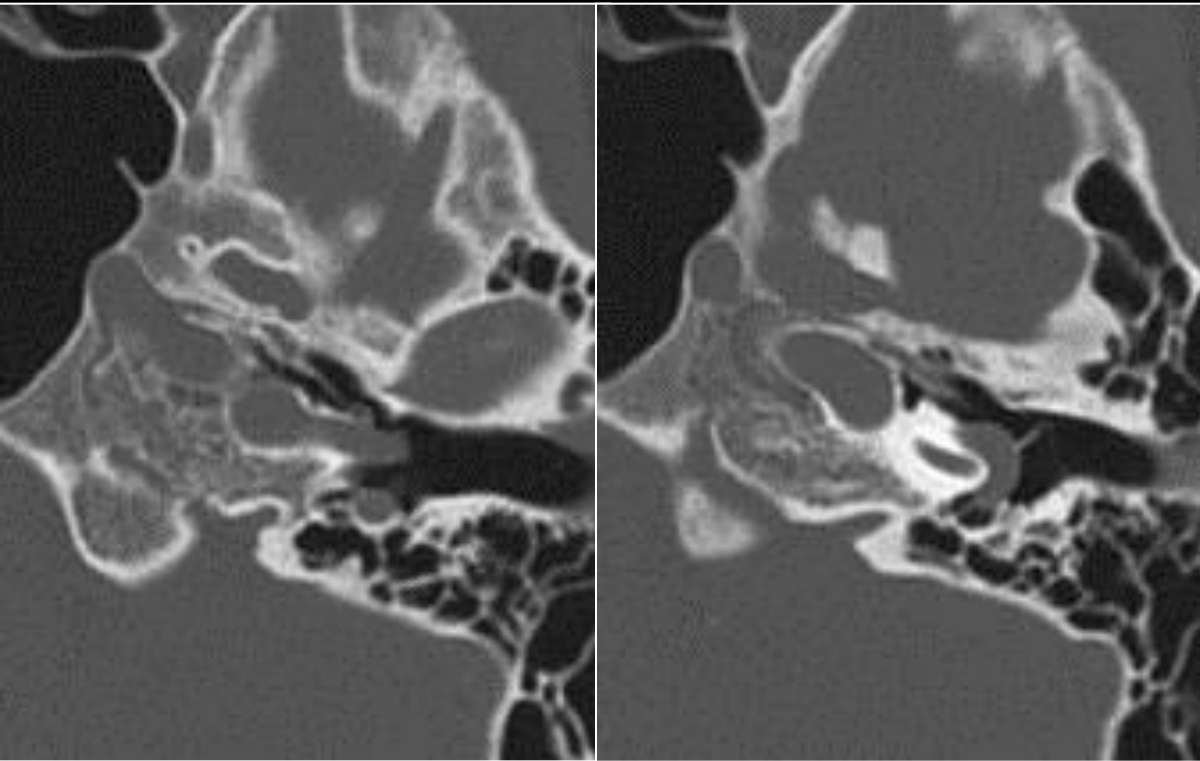
ANS: Tuberous sclerosis

Q06

性別：Female

年齡：34 y/o

主訴或重要病史或物理檢查：Tinnitus,
retrotympanic mass



ANS: Aberrant left internal
carotid artery

Q07

性別：Female

年齡：22 years old

主訴或重要病史或物理檢查：Occasional left side weakness for years

9/01/13
8:20



9/01/13
8:20



ANS: Gliomatosis cerebri

Q08

性別：Female

年齡：58 y/o

主訴或重要病史或物理檢查：nil



A08

ANS: OPLL

Q09

性別：Female

年齡：28 years old

主訴：Pulsatile tinnitus



ANS: Aberrant left ICA

Q10

性別：Male

年齡：45 years old

主訴：Neck swelling for a long time

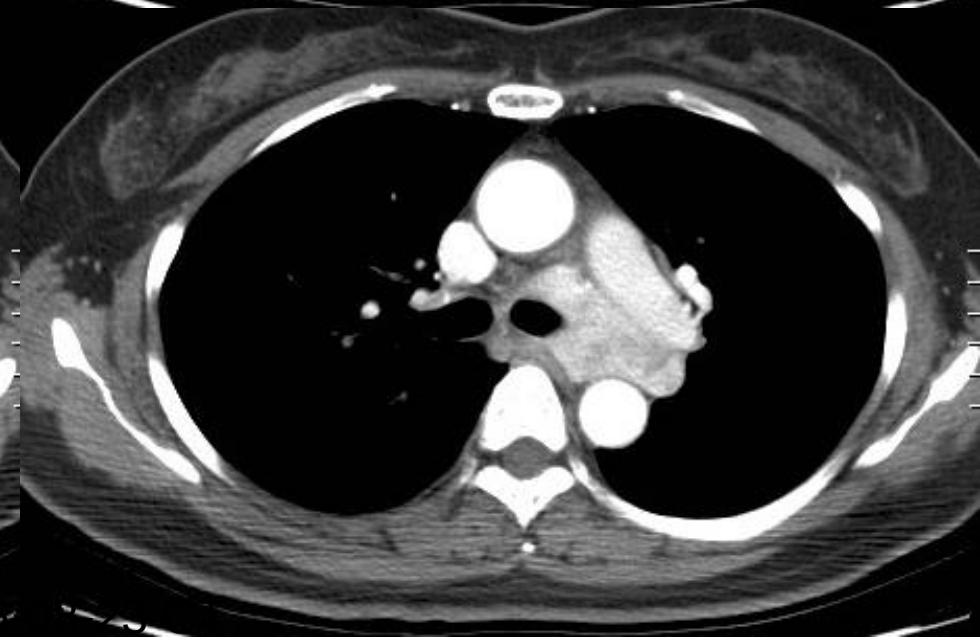
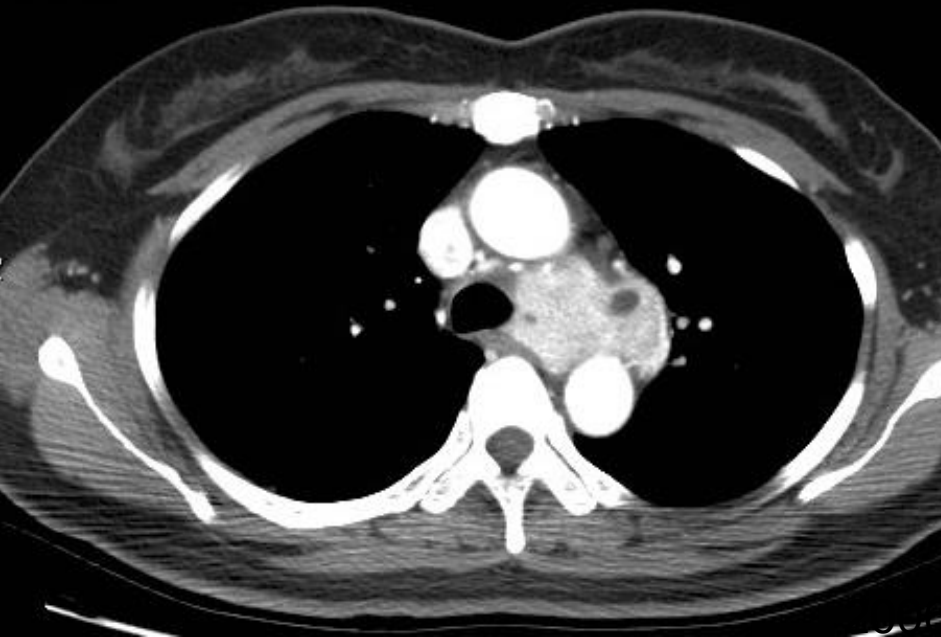
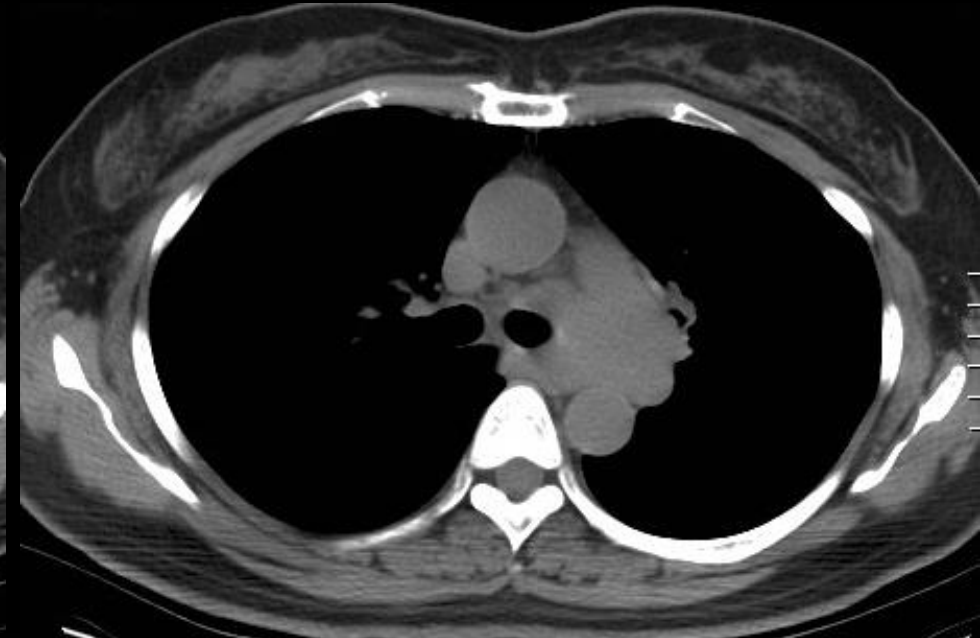
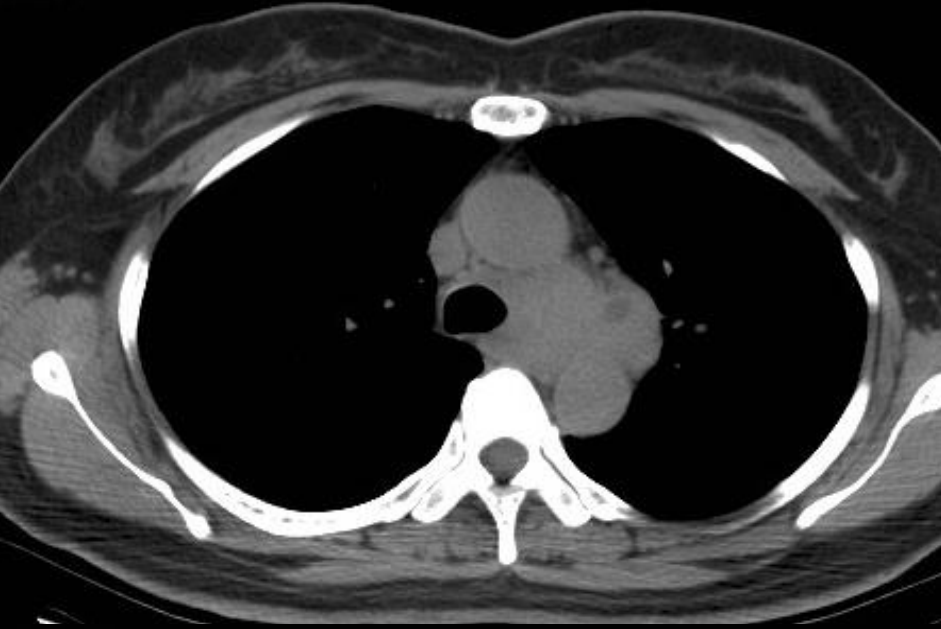


ANS: Madelung disease
(benign/multiple symmetric
lipomatosis)

Q11-1

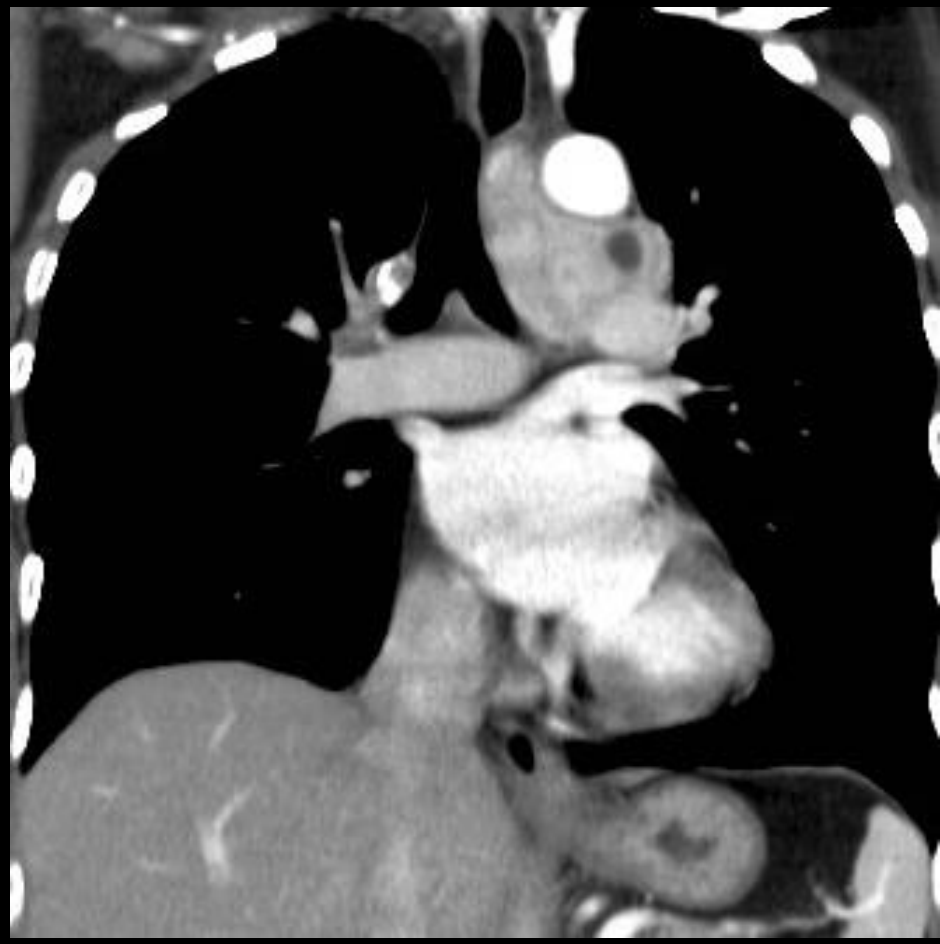
49-year-old lady

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Q11-2

本題有二張投影片，第二張



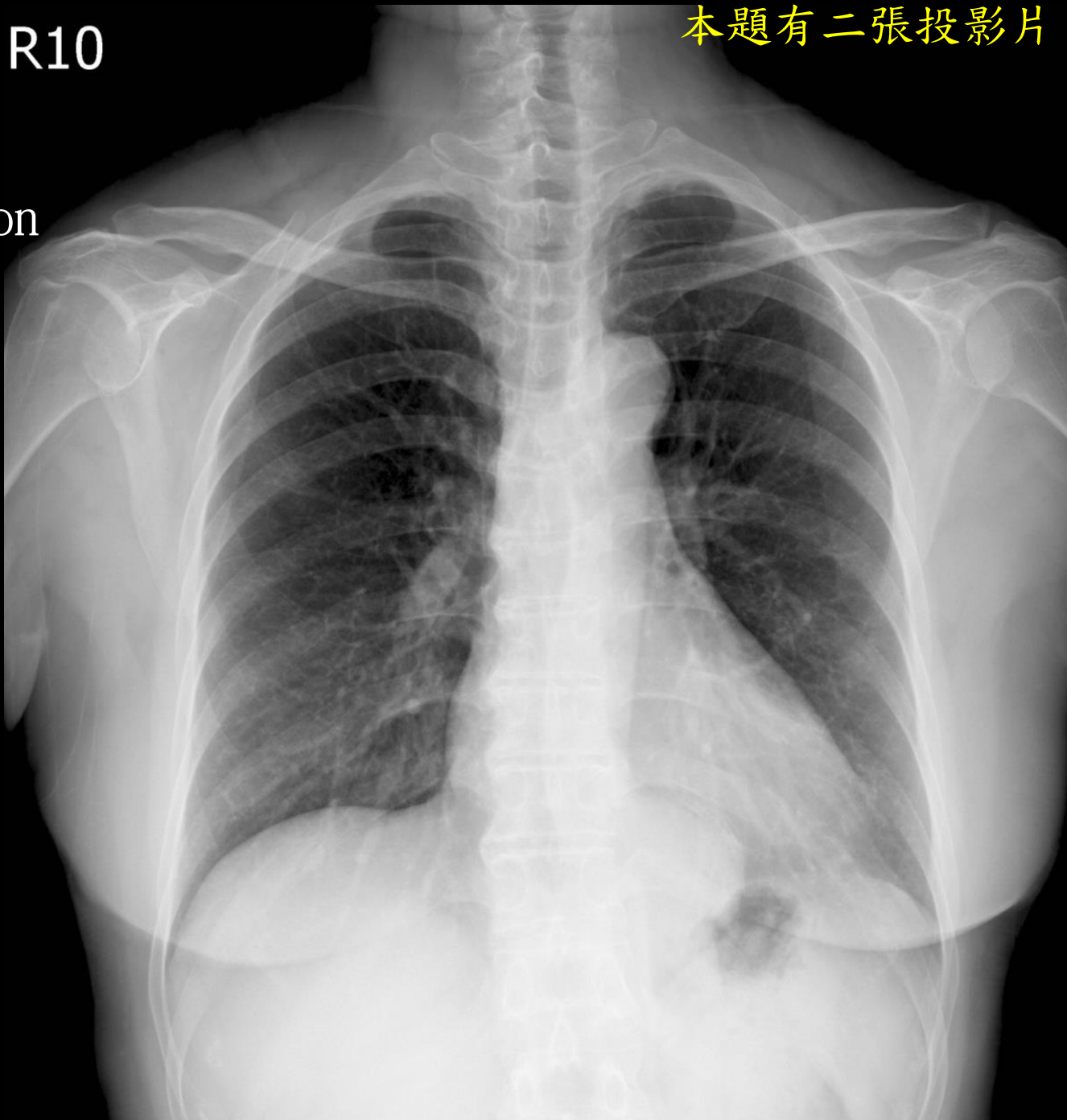
ANS: Castleman disease,
hyaline vascular type

Q12-1

R10

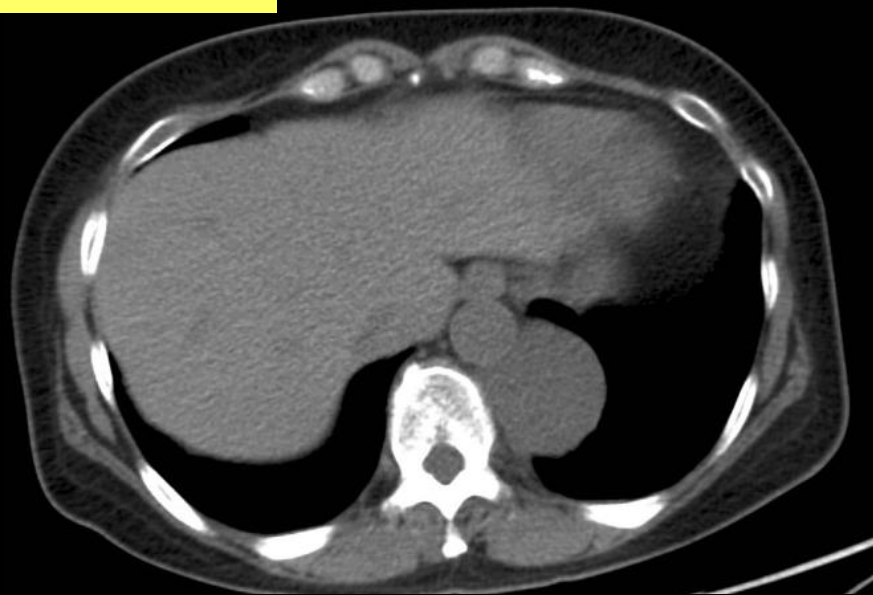
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53F,
Hypertension



Q12-2

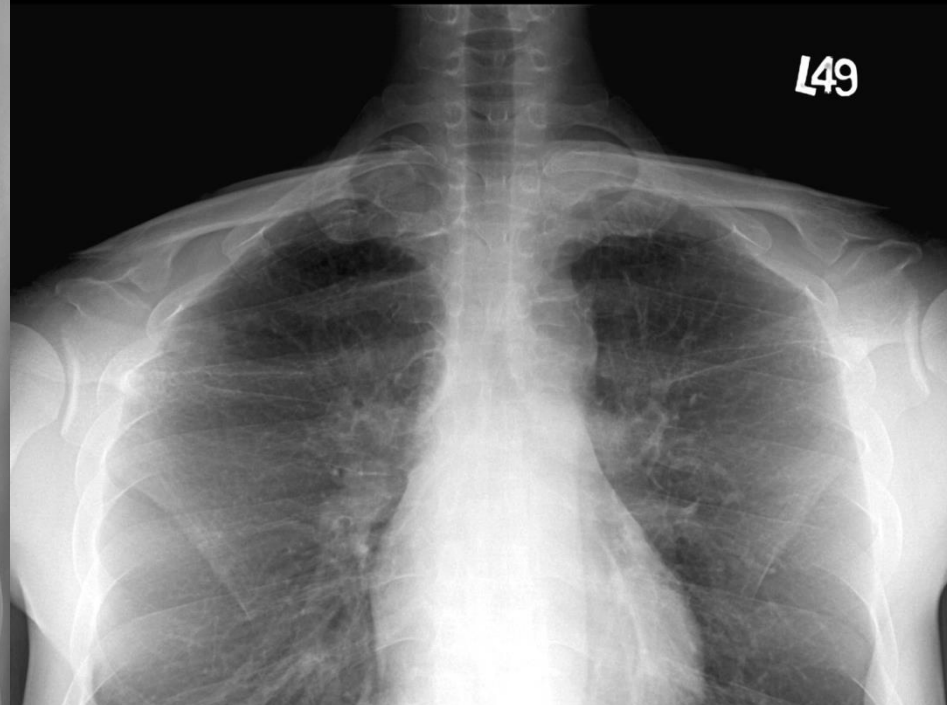
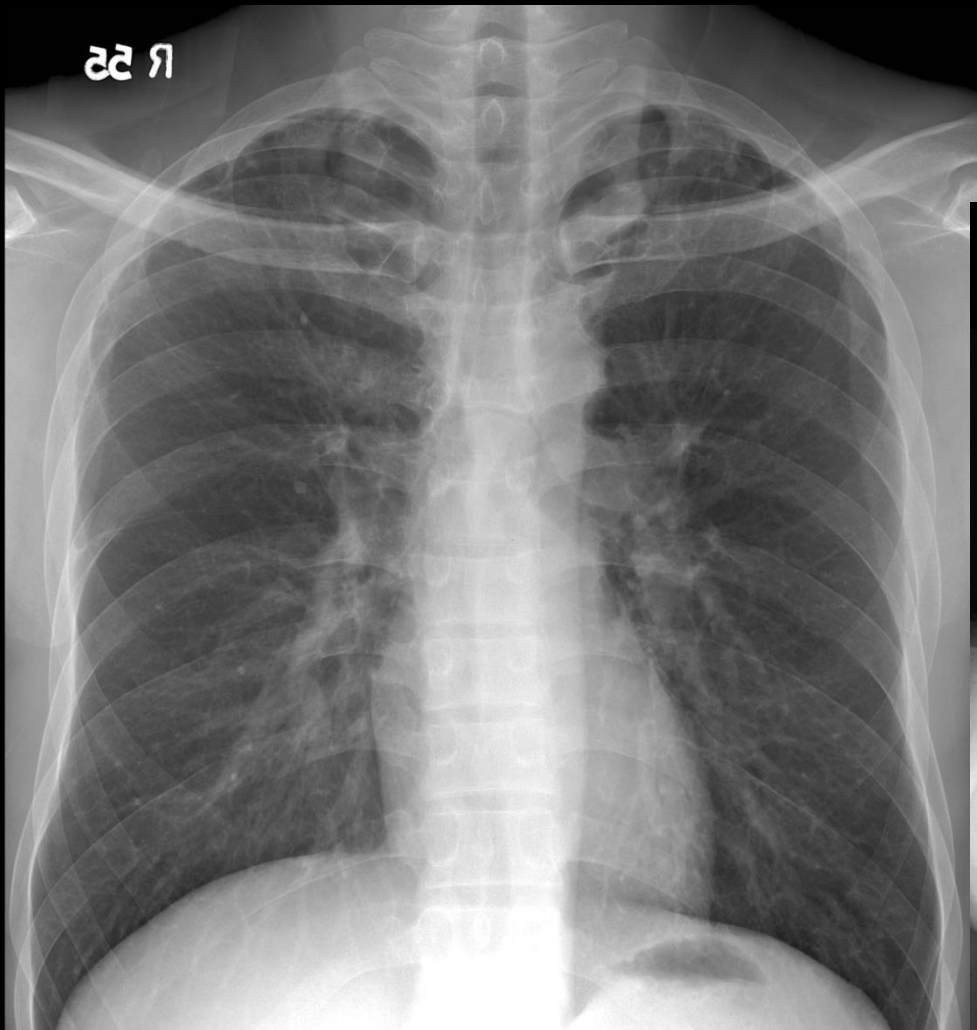
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ANS: solitary fibrous tumor

Q13

38 year old male. Left back and shoulder pain

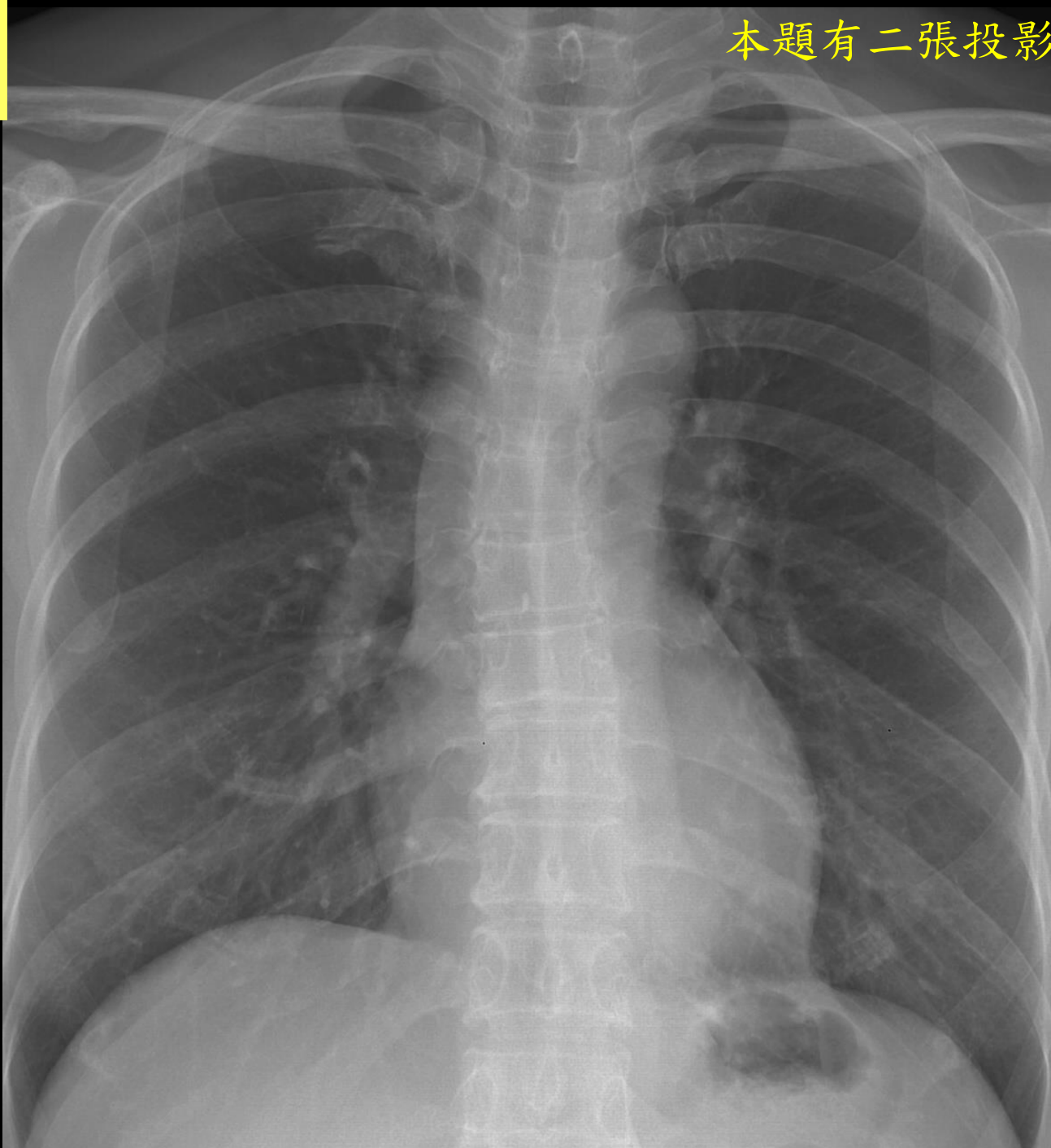


ANS: Pancoast lung cancer at
left apical lung,
poorly differentiated
adenocarcinoma

Q14-1

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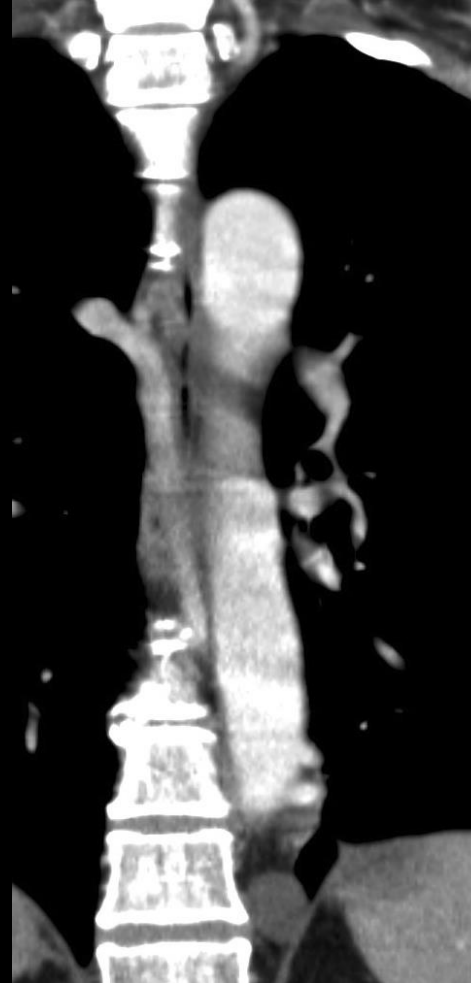
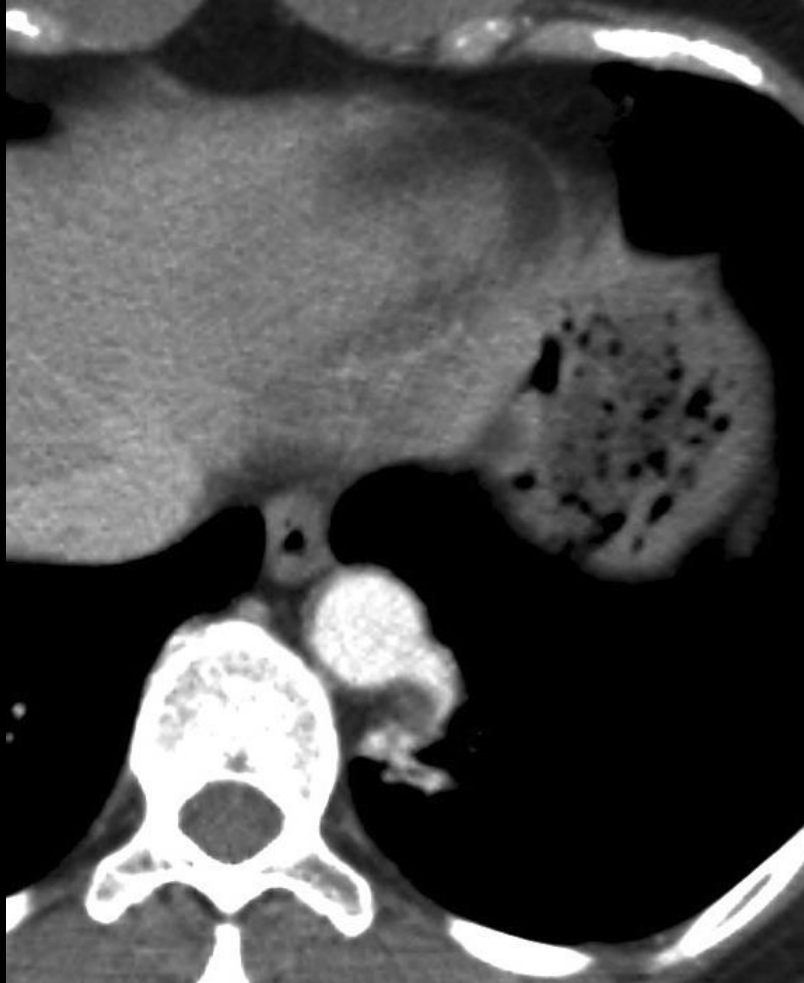
52歲
女性
健檢



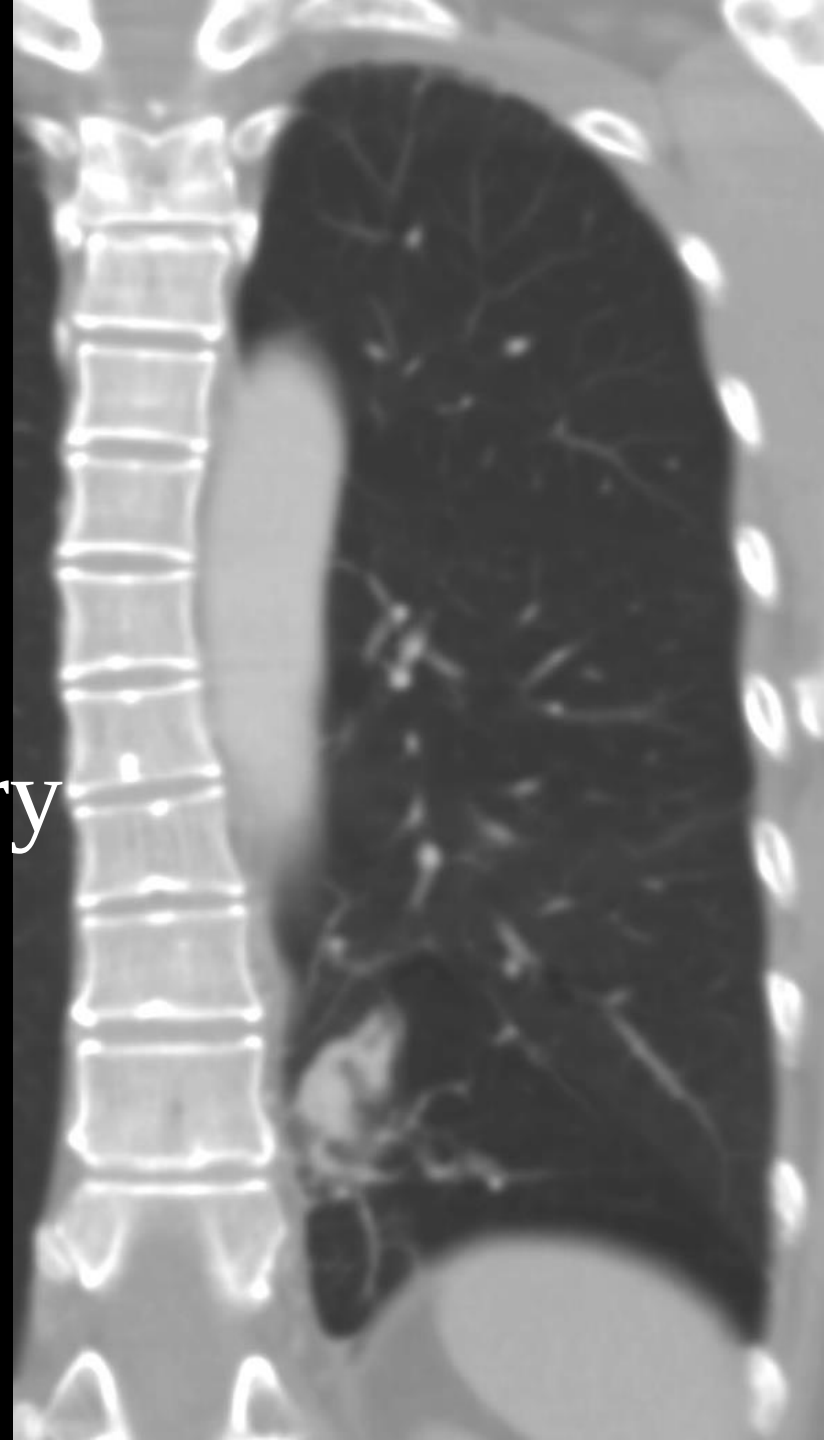
Q14-2

Q: Diagnosis?

本題有二張投影片，第二張



ANS: Pulmonary
sequestration,
extrapulmonary
type.



Q15

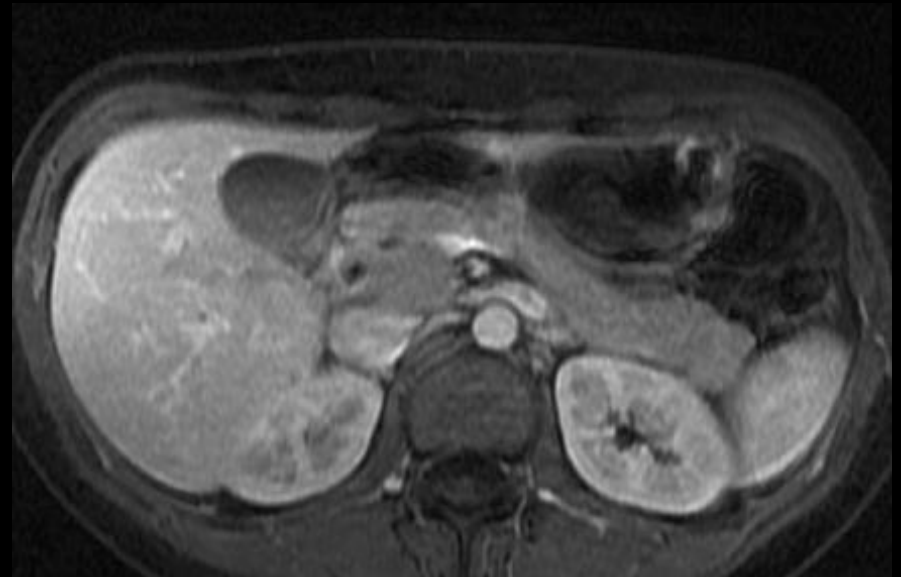
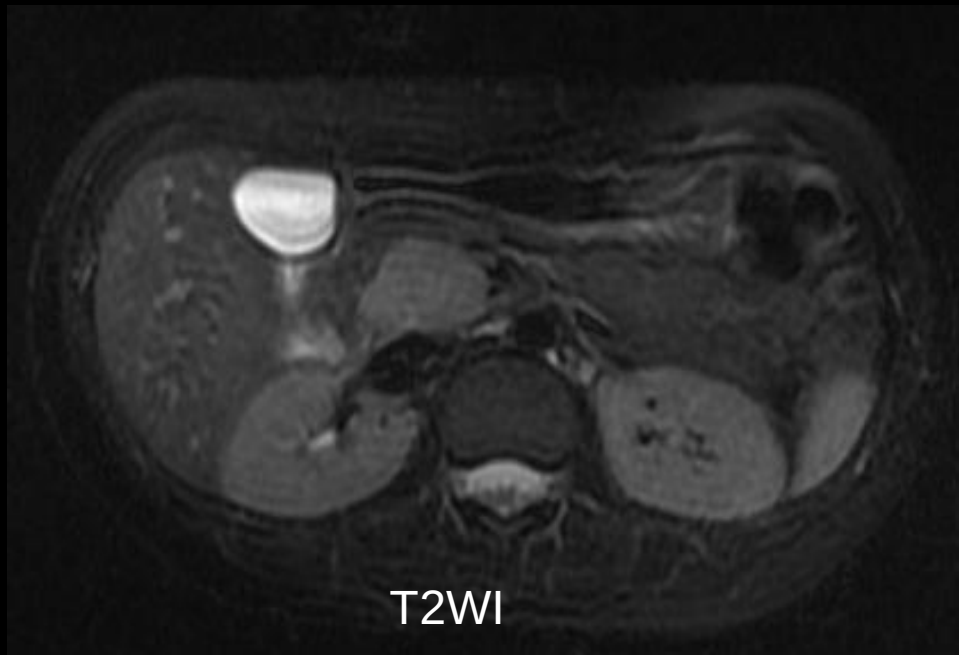
59 y/o man

Left suprarenal calcified mass found by ultrasound.



ANS: Stomach GIST

Q16 31 y/o female



ANS: solid-pseudopapillary
neoplasm (SPN) or
solid and papillary epithelial
neoplasm (SPEN)

Q17

Age: 60
Sex: Female

Fever. Flank pain.



ANS: Emphysematous
pyelonephritis.
Urolithiasis.

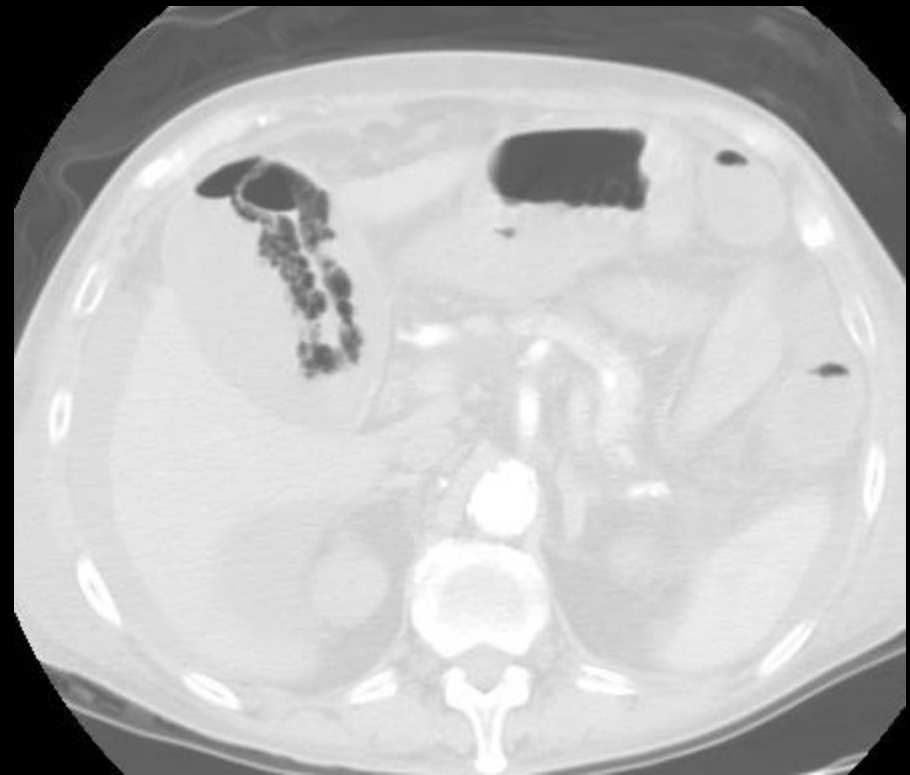
Q18

Age: 74

Sex: Male

Fever. Abdominal pain.

DM. ESRD.



ANS: Emphysematous
cholecystitis.

Q19



ANS: free air; pneumoperitoneum;
or hollow organ perforation

Q20



ANS: phleboscлерotic colitis
(PSC)

Q21

性別：Female

年齡：60 y/o

主訴或重要病史或物理檢查：abdominal pain



ANS: pneumatosis coli

Q22

性別：Male

年齡：23 y/o

主訴或重要病史或物理檢查：GI bleeding

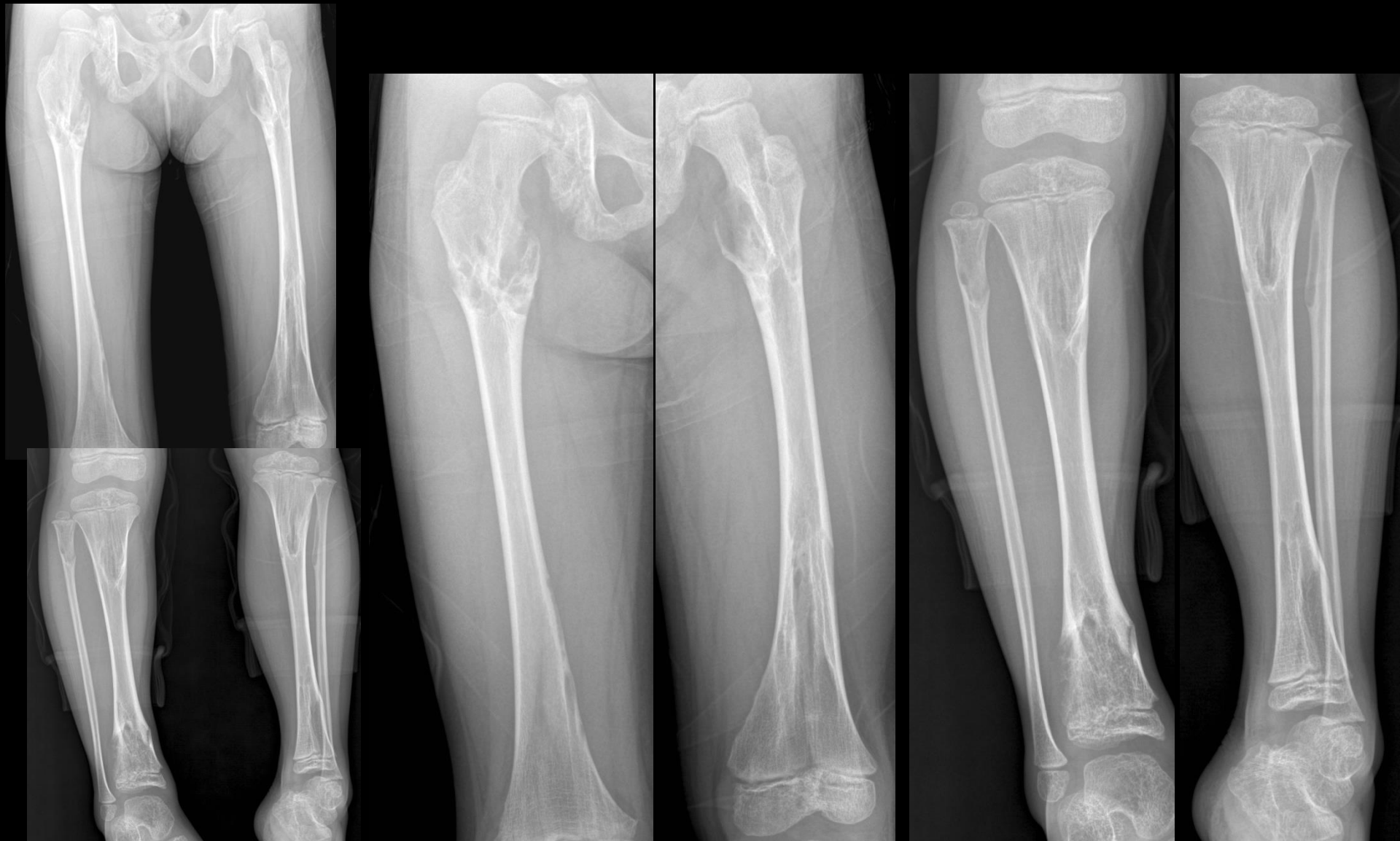


ANS: Crohn's disease

Q23

性別：Female 年齡：5 y/o

主訴或重要病史或物理檢查：Progressive bilateral limb deformity. No pain or ROM limitation.



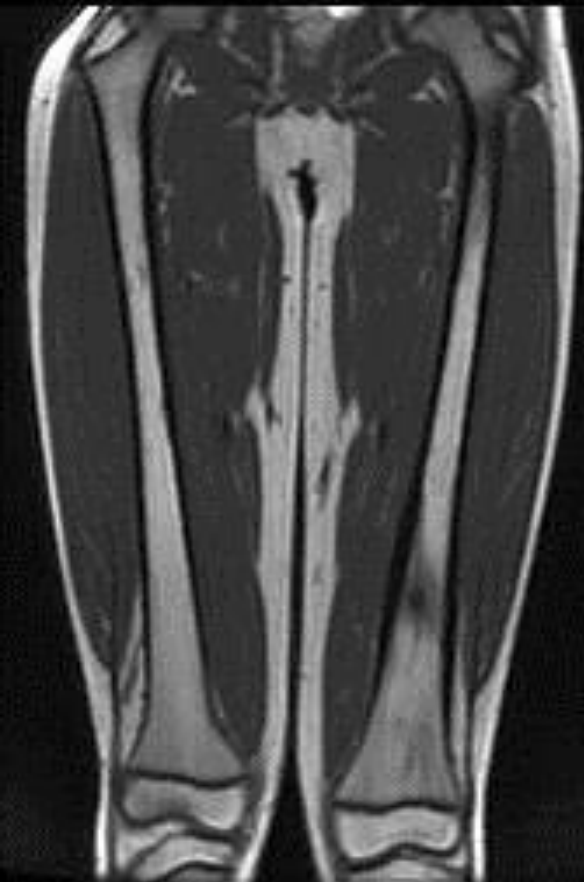
ANS: Ollier disease

Q24

性別：Male

年齡：12 y/o

主訴或重要病史或物理檢查：Left thigh pain,
especially at night for one year.



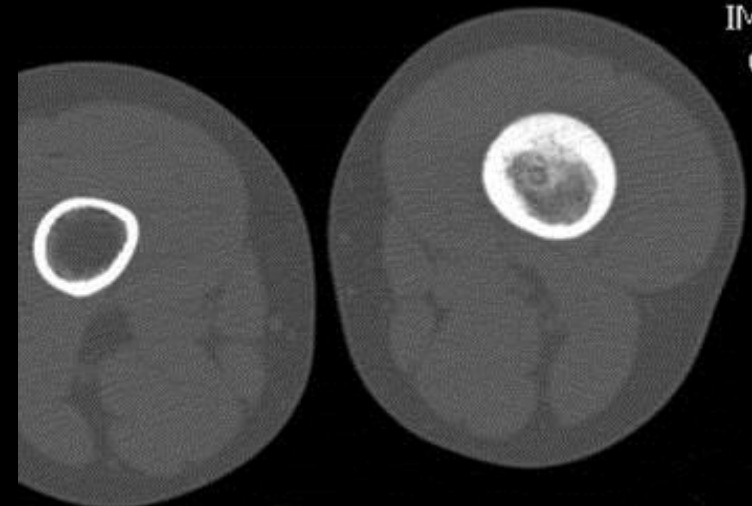
T1W



T2W FS



T1W +C

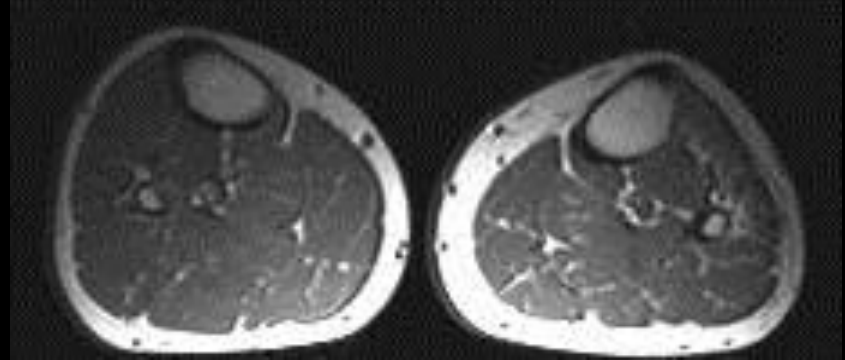
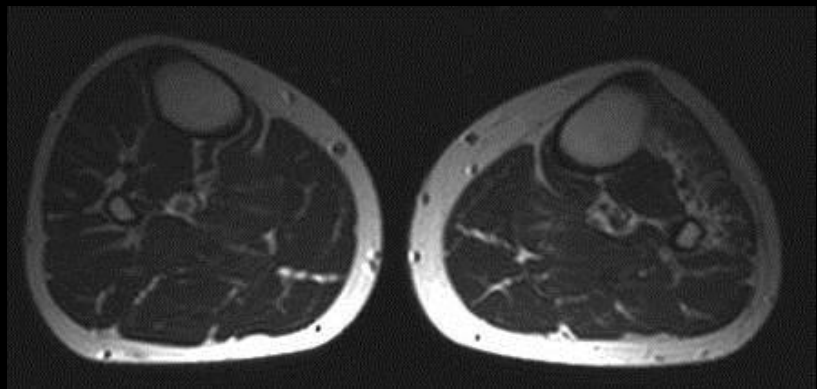
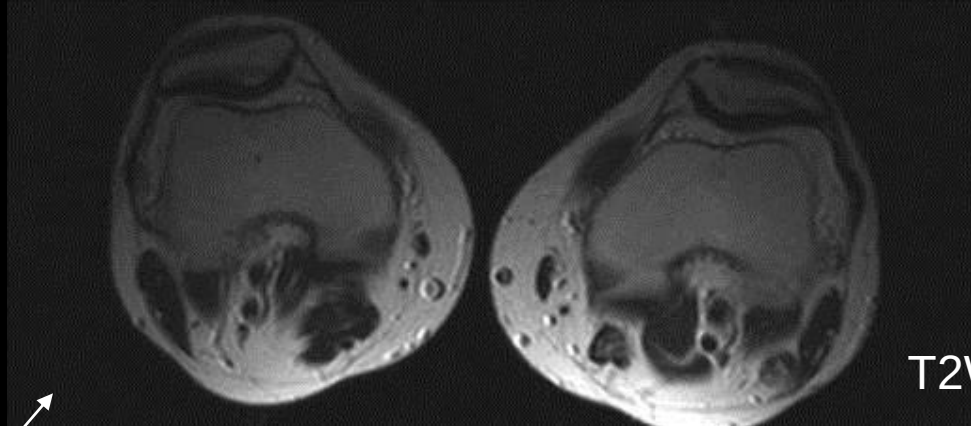
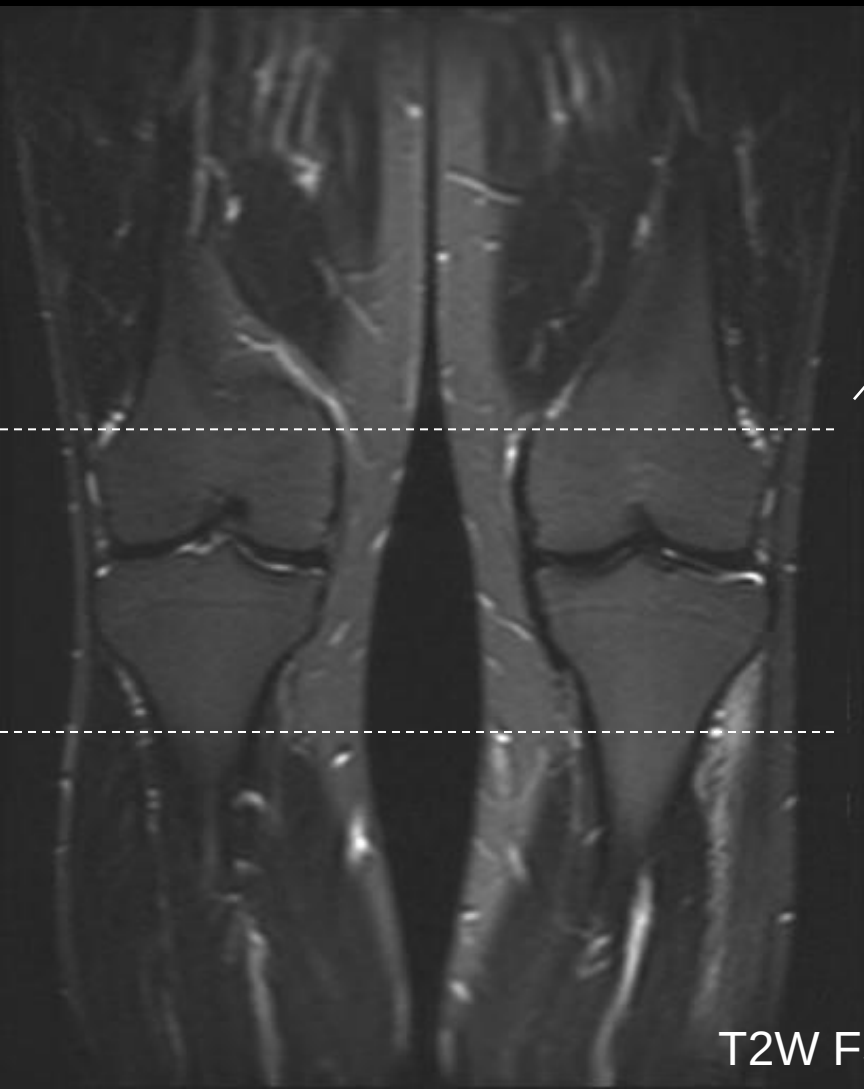


IM

ANS: Osteoid osteoma

Q25

性別：Male 年齡：22 y/o
主訴或重要病史或物理檢查：Drop foot for 12 m after trauma.



ANS: Common peroneal nerve
denervation

Q26-1

性別：Male

年齡：58 y/o

本題有二張投影片，第一張

主訴或重要病史或物理檢查：Bilateral DIP painful swelling; scalp scaling with itching; nail pitting.



Q26-2

本題有二張投影片，第二張



ANS: Psoratic arthritis

Q27-1

性別：Female

年齡：8 y/o

主訴或重要病史或物理檢查：Protruding mass in left heel with tenderness

本題有二張投影片，第一張



Q27-2



ANS: Avulsion fracture of
calcaneal apophysis

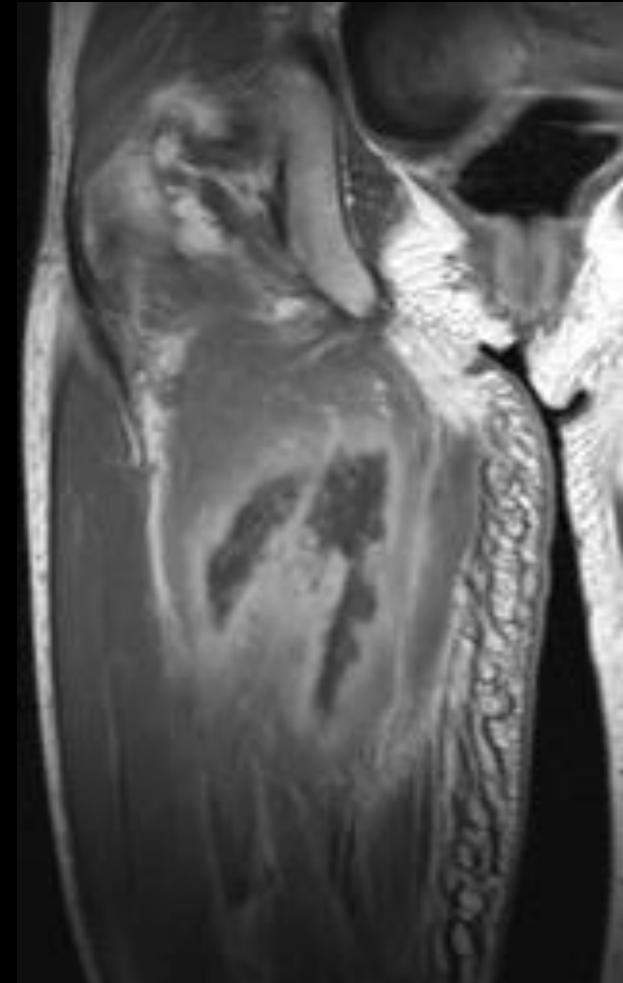
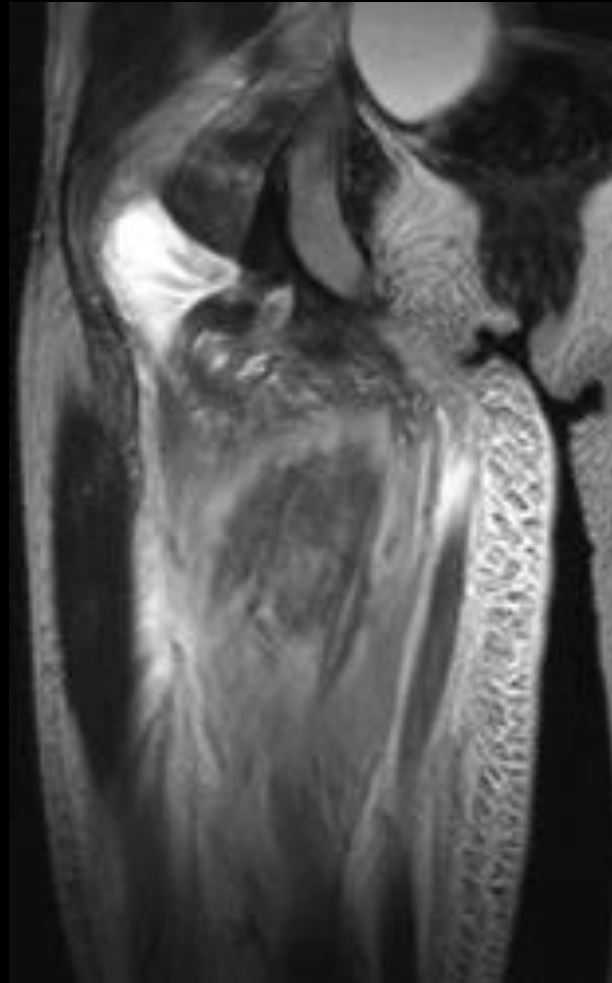
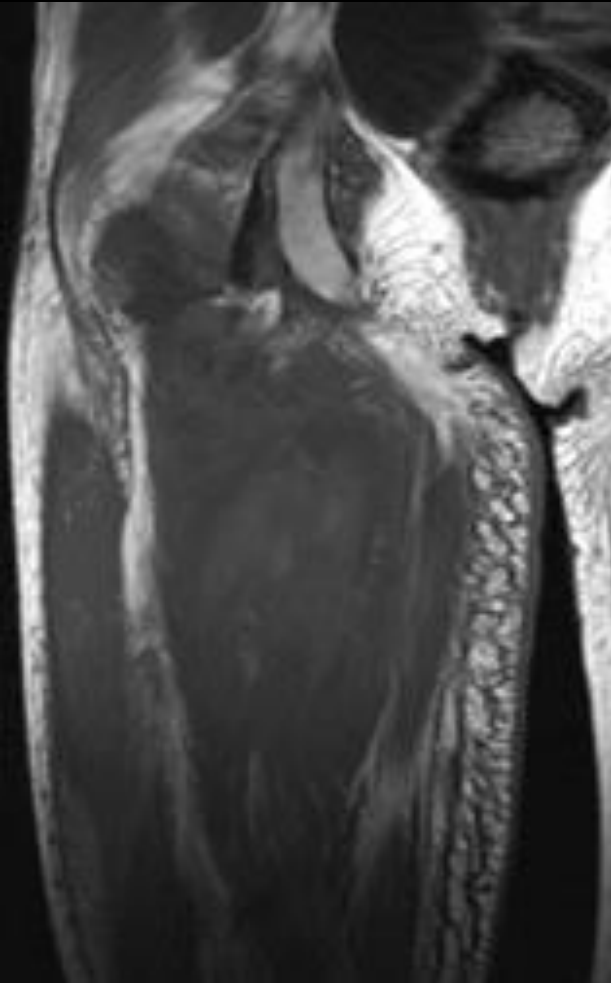
Q28-1

性別：Female

年齡：36 y/o

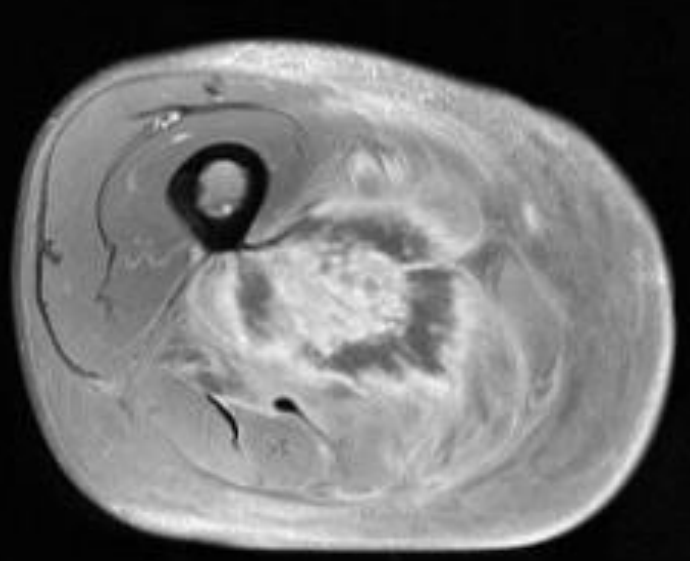
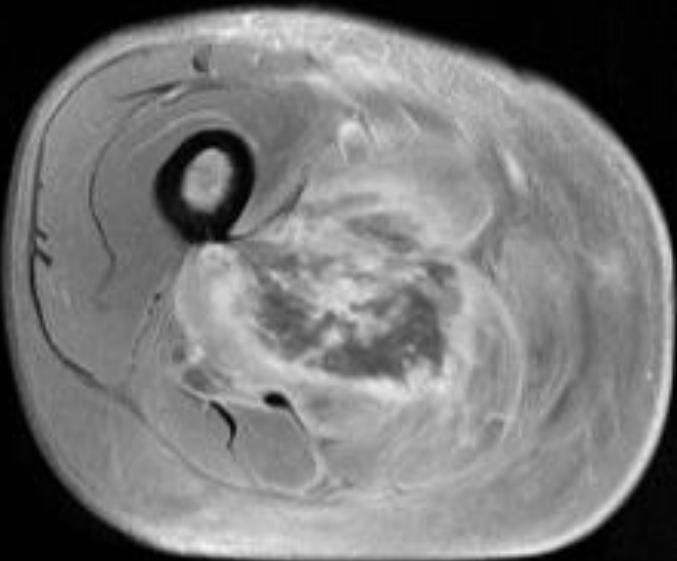
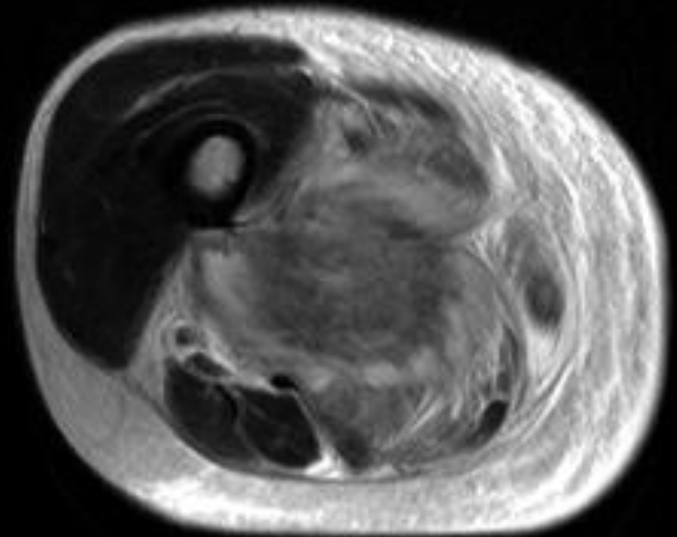
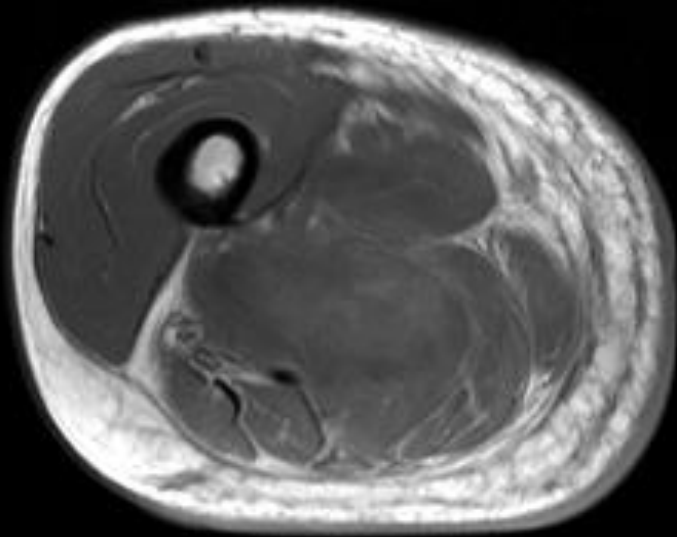
主訴或重要病史或物理檢查：Diabetic
nephropathy; Right proximal thigh pain
for 10 days

本題有二張投影片，第一張



Q28-2

本題有二張投影片，第二張



ANS: Diabetic myonecrosis

Q29-1

性別：Female

年齡：54 y/o

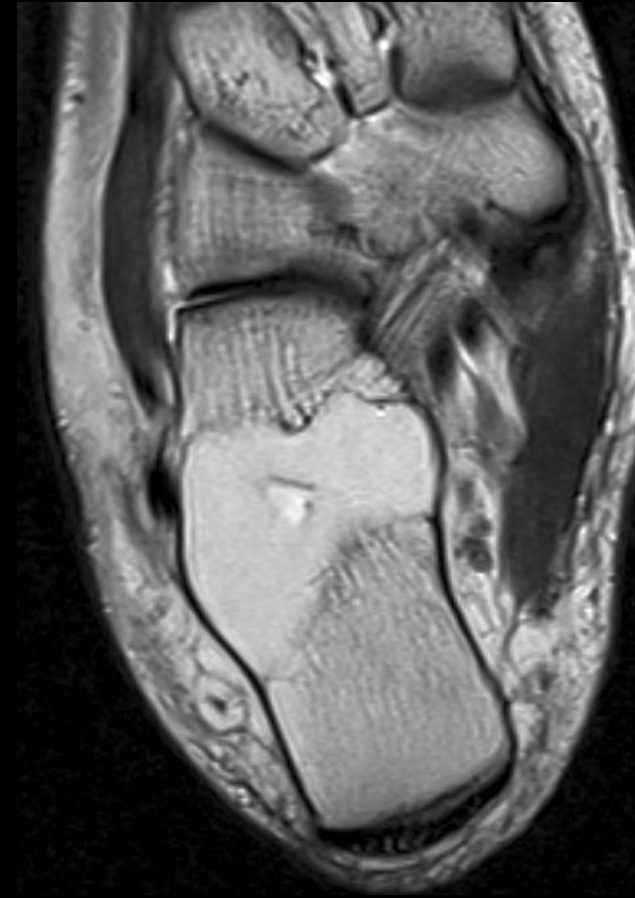
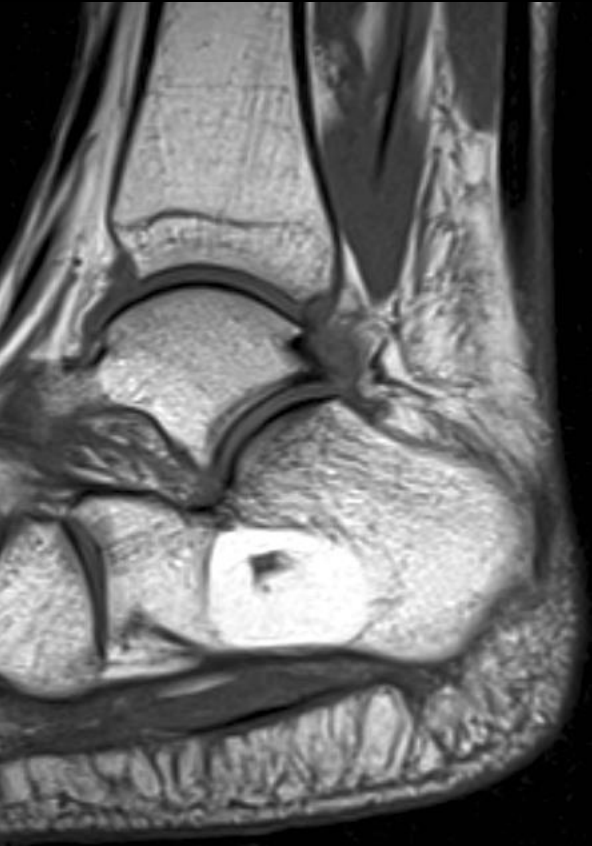
主訴或重要病史或物理檢查：Right ankle painful swelling after a fall 1 week ago

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Q29-2

本題有二張投影片，第二張



ANS: 1. Lateral malleolar
fracture

2. Intraosseous lipoma

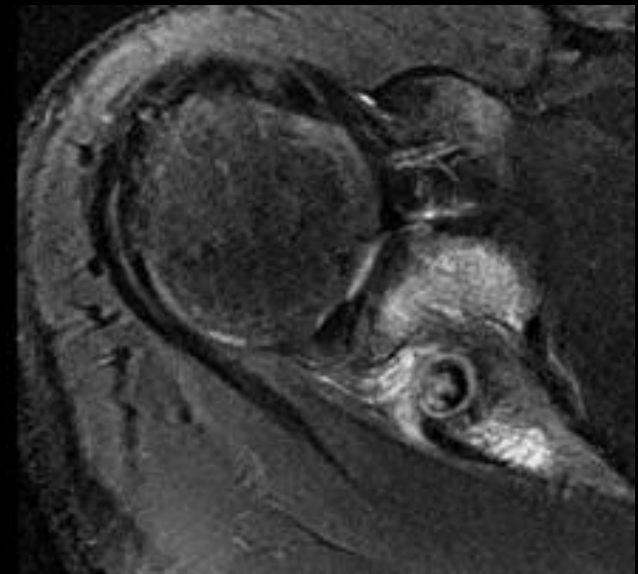
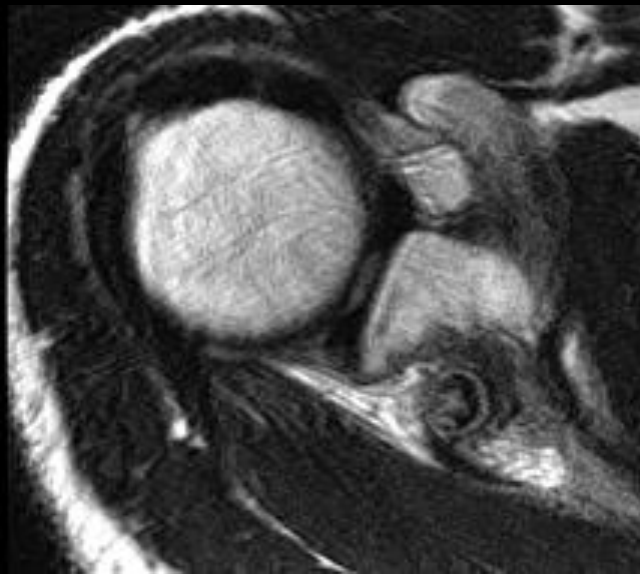
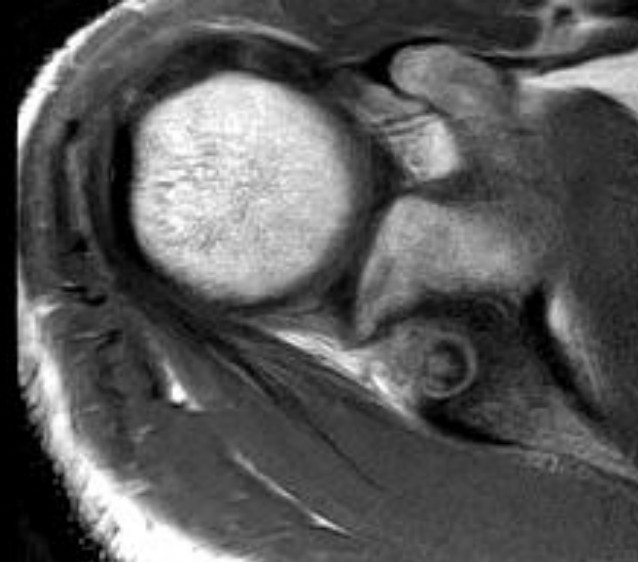
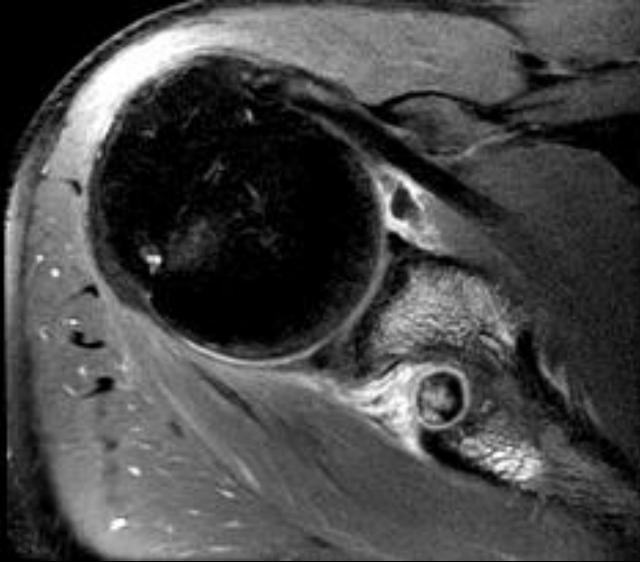
Q30-1

性別：Male

年齡：22 y/o

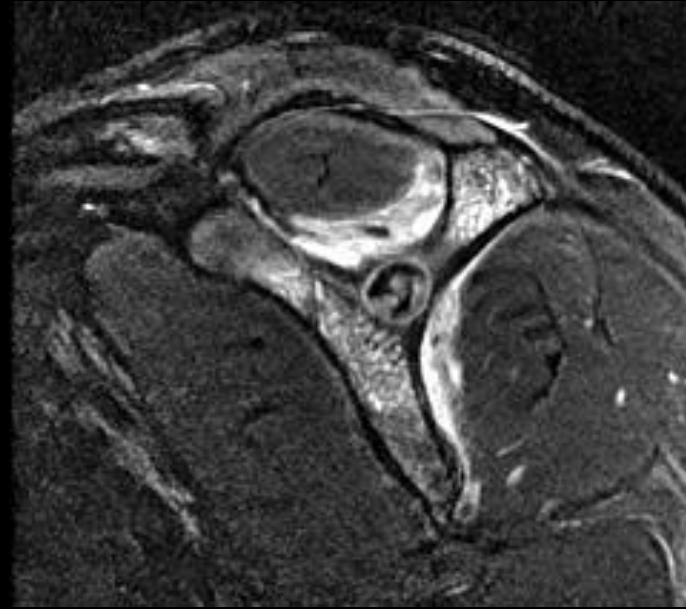
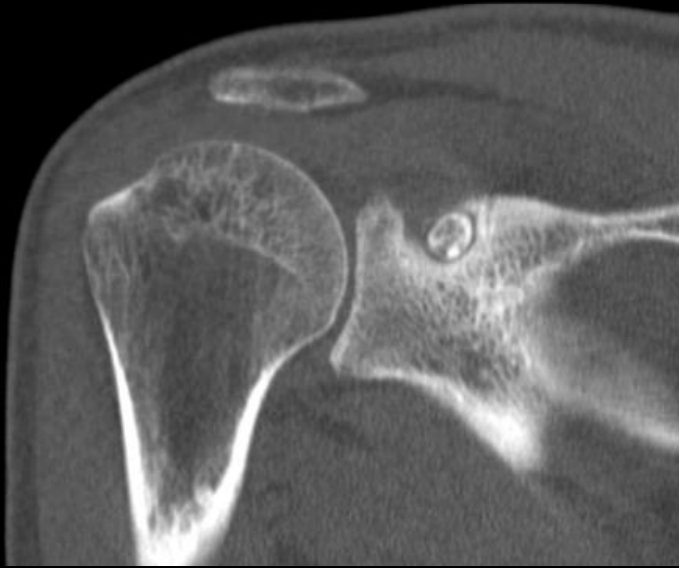
主訴：Right shoulder pain for 10 months

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Q30-2

本題有二張投影片，第一張



ANS: Osteoid osteoma,
medullary type

Q31

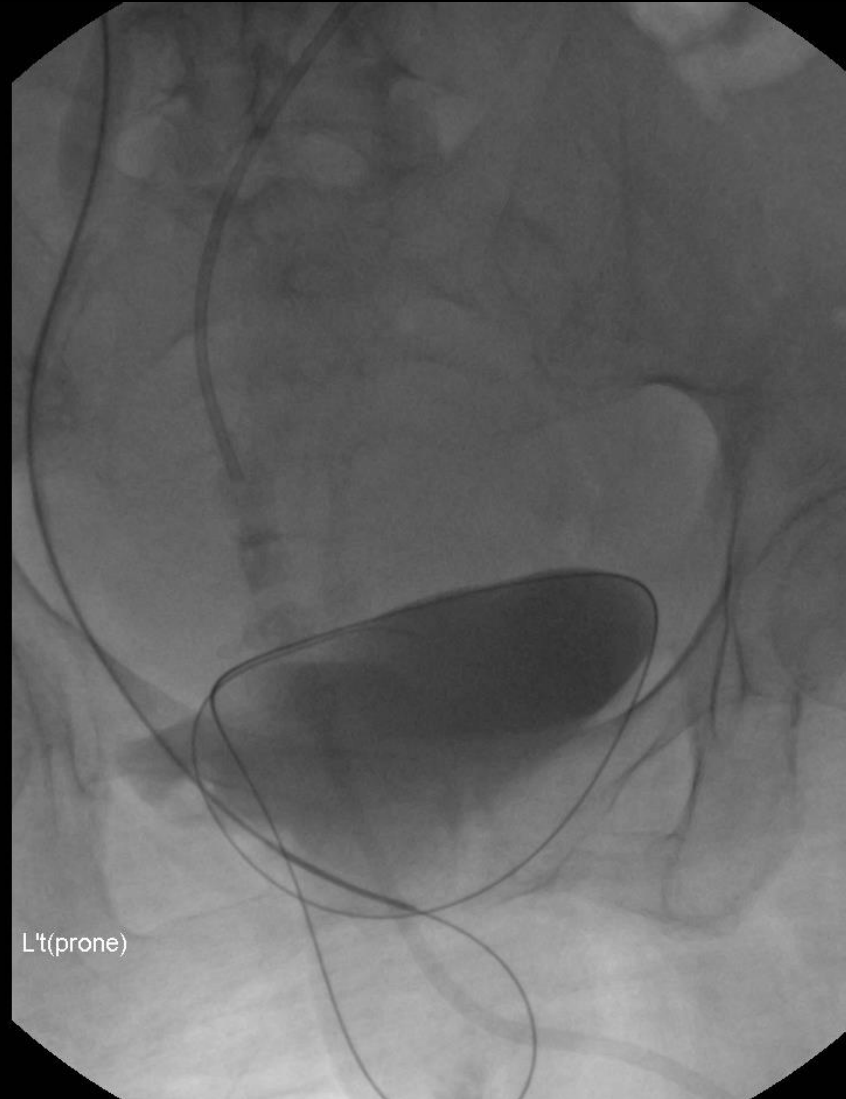
65y/o male
Incidental findings



ANS: Urachal Adenocarcinoma

Q32

59y/o female;
hydronephrosis related to ovarian cancer
What's happened during antegrade DBJ insertion?



ANS: Bladder Prolapse
(Cystocele)

Q33

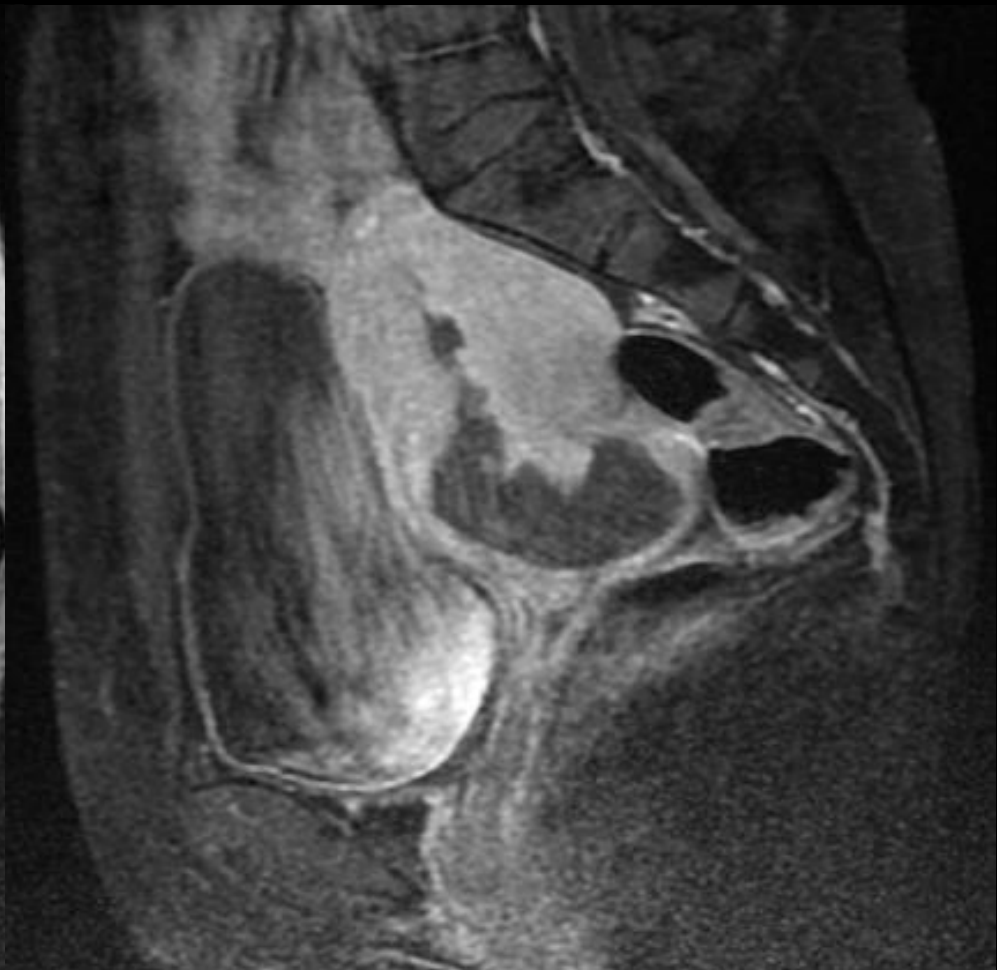
性別：Female

年齡：33 y/o

主訴或重要病史或物理檢查：Postpartum vaginal bleeding



T2WI



T1WI+C FS

ANS: Retained placenta

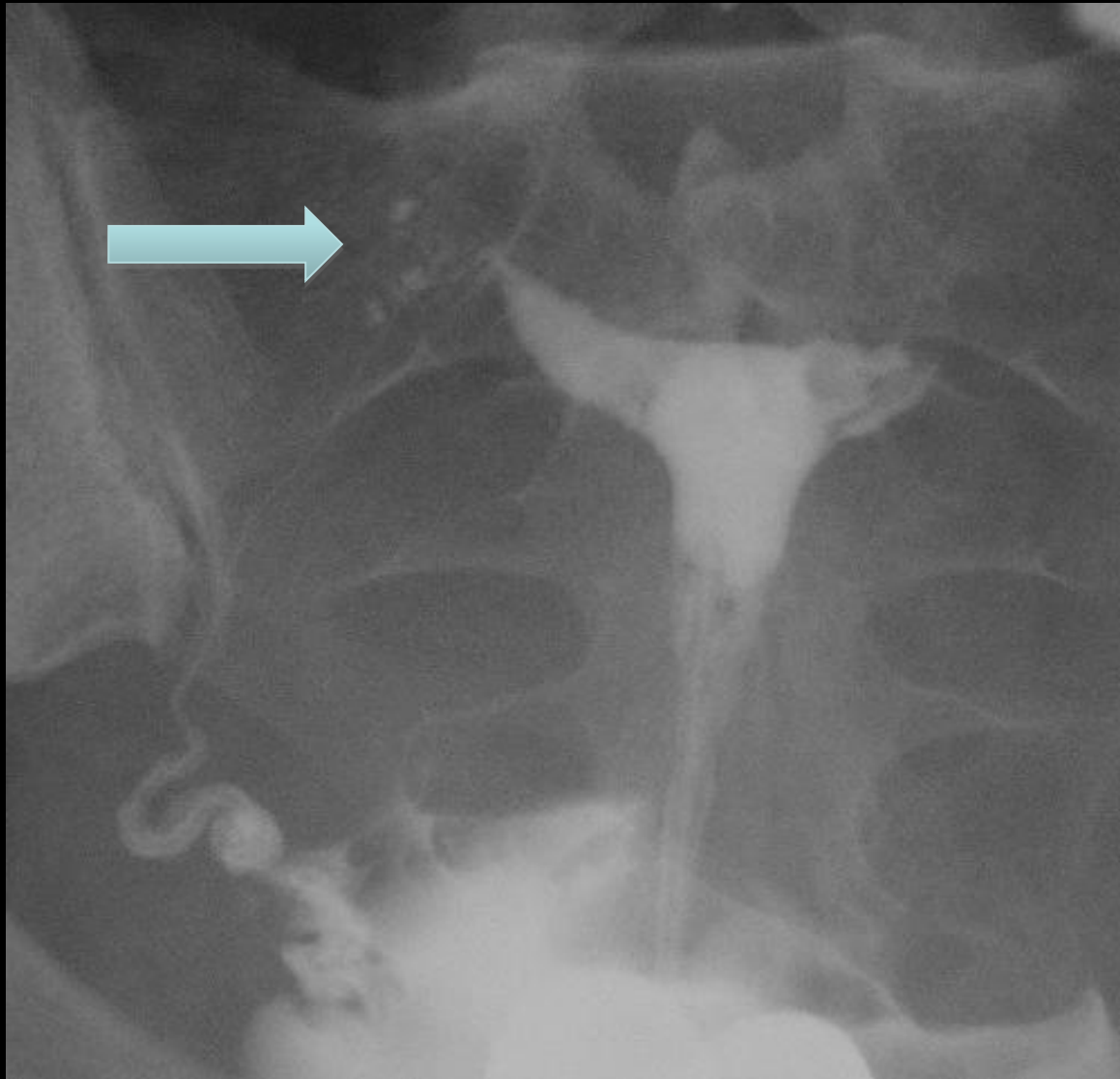
Q34

性別：Female

年齡：40 y/o

主訴或重要病史或物理檢查：Infertility

箭頭所指處為何診斷？



ANS: Salpingitis isthmica
nodosa

Q35



Systolic phase images

ANS: Aortic stenosis

Q36

性別：Male

年齡：43 y/o

主訴或重要病史或物理檢查：Aortic valve replacement 2 yrs ago



ANS: Aortic paravalvular leak

Q37

What's the vessel's name?



ANS: Left circumflex artery

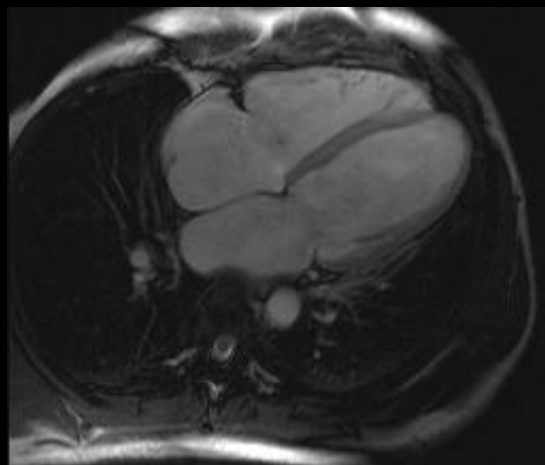
Q38

性別： Male

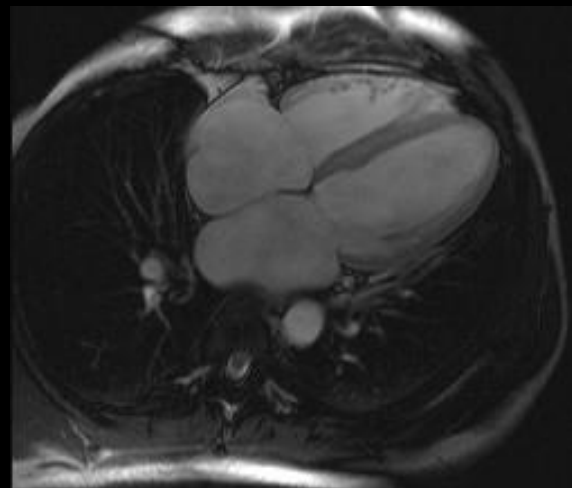
年齡： 41-years-old

主訴或重要病史或物理檢查： Easily fatigued and
dyspnea on exercise for 6 months

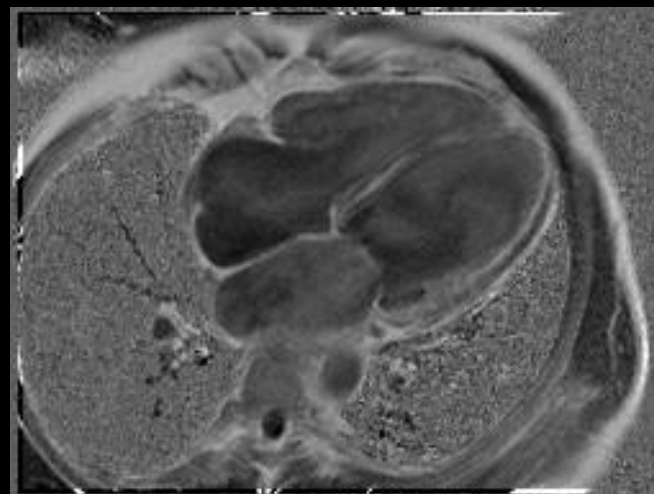
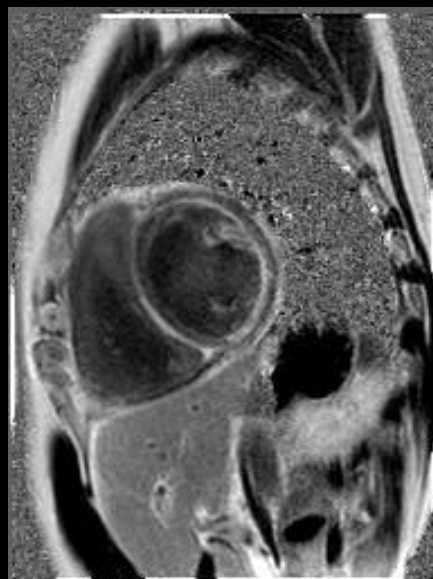
diastole



systole



LGE



- ANS: Dilated Cardiomyopathy

Q39

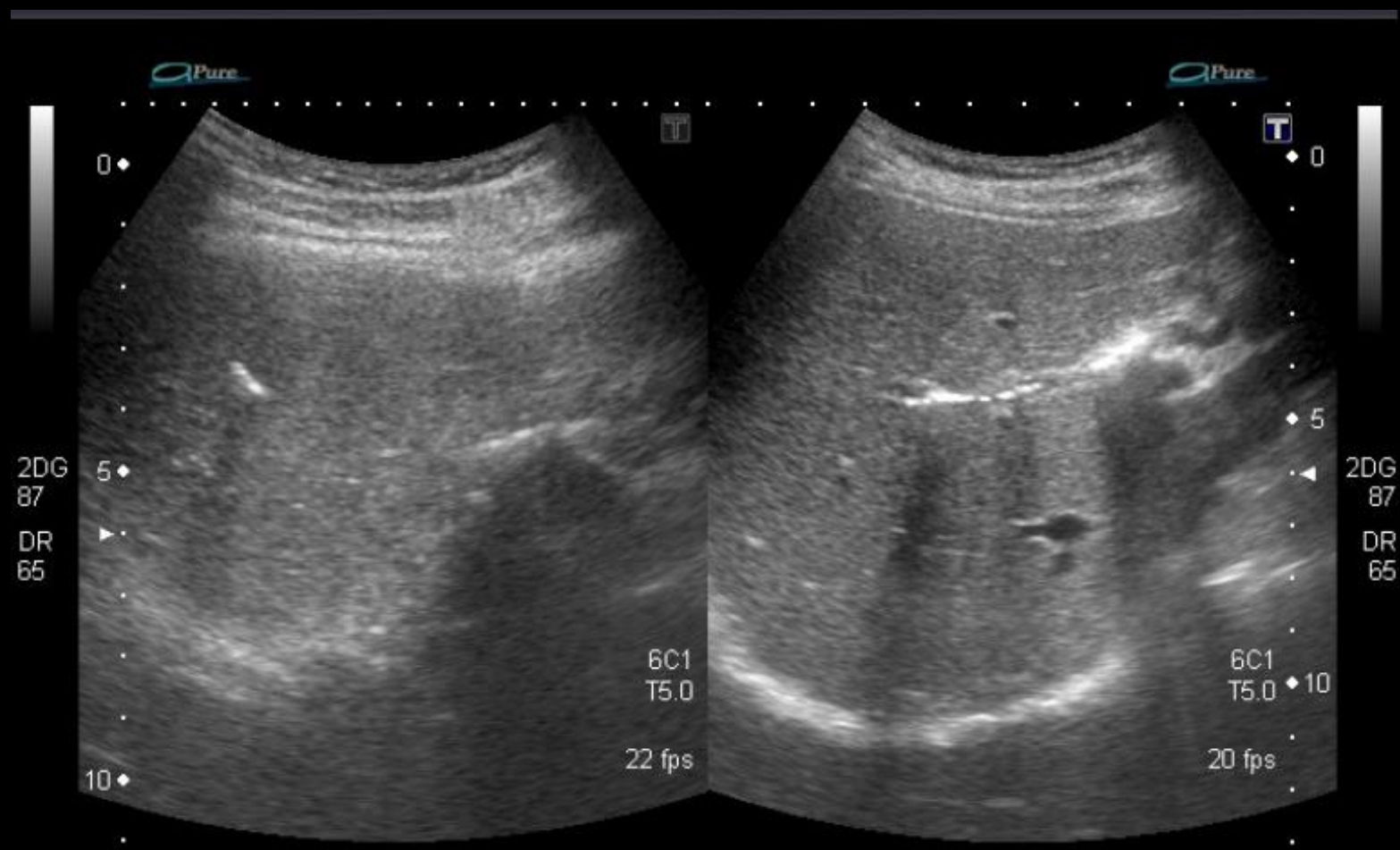
59y/o female
Non-specific complaint



ANS: Nephrocalcinosis

Q40

75y/o female
Abdominal pain



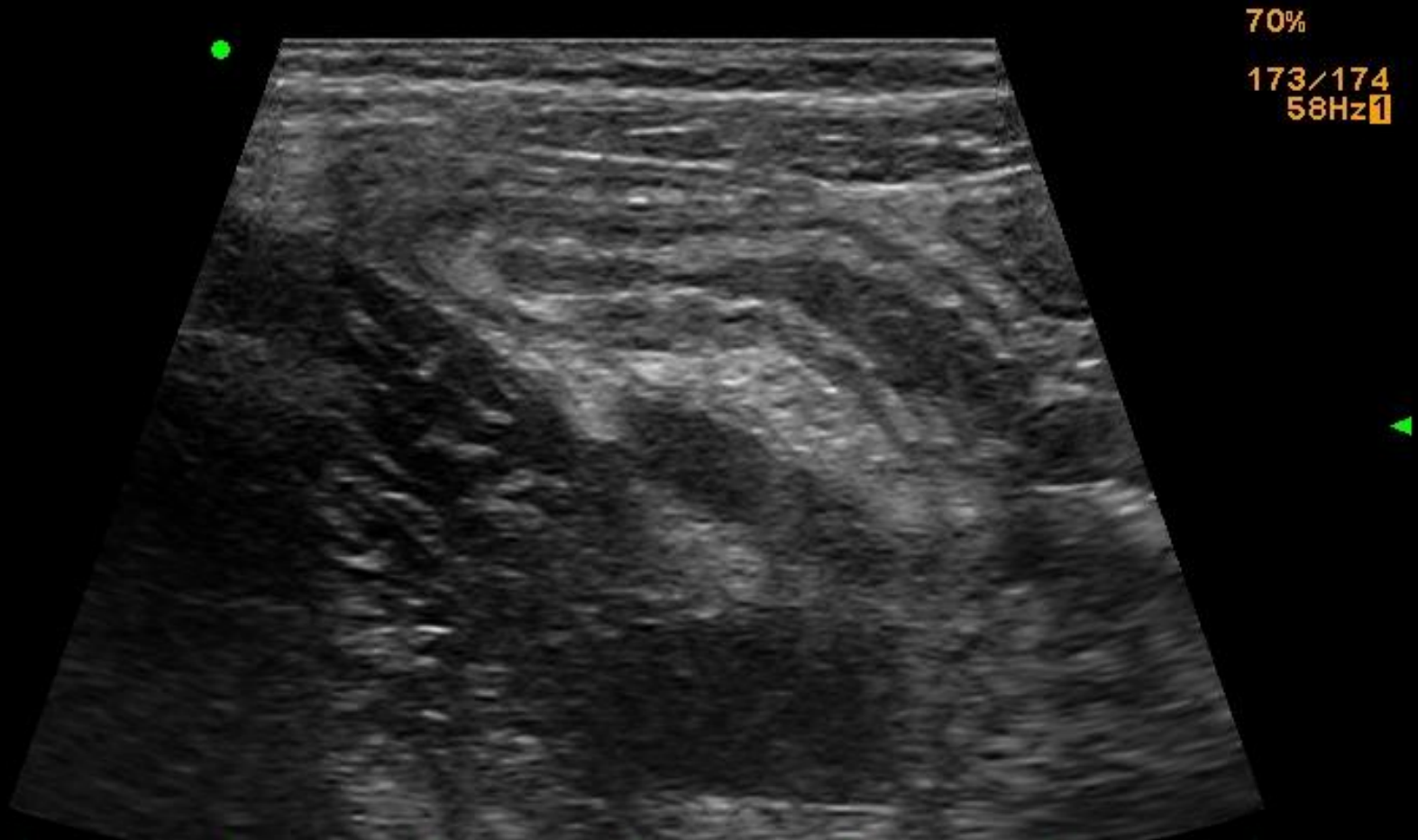
ANS: Pneumobilia

Q41

Age: 60

Sex: Female

RLQ pain.



ANS: Appendicitis

Q42

Age: 3

Sex: Female

Intermittent periumbilical
abdominal pain, poor appetite
and fever



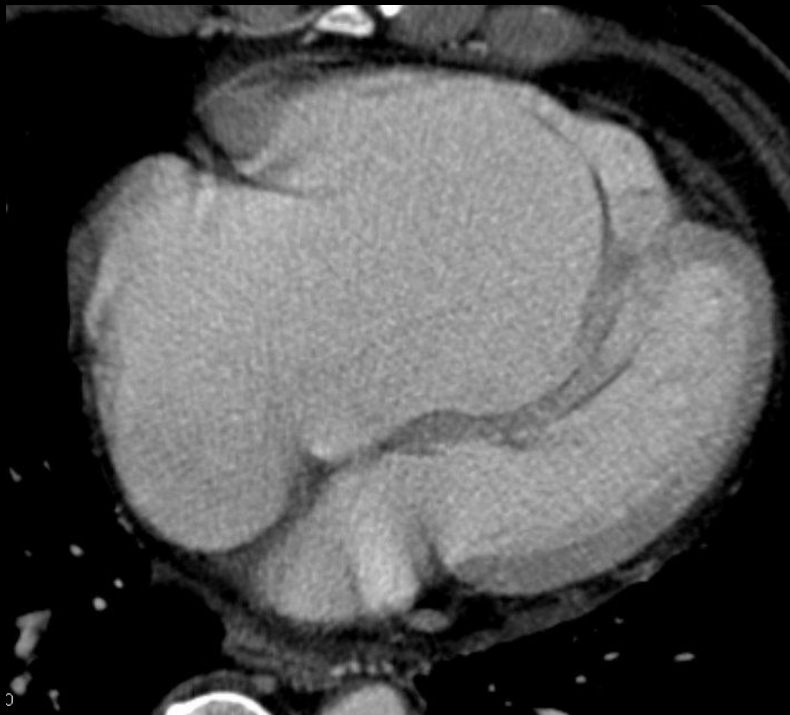
ANS: Intussusception

Q43

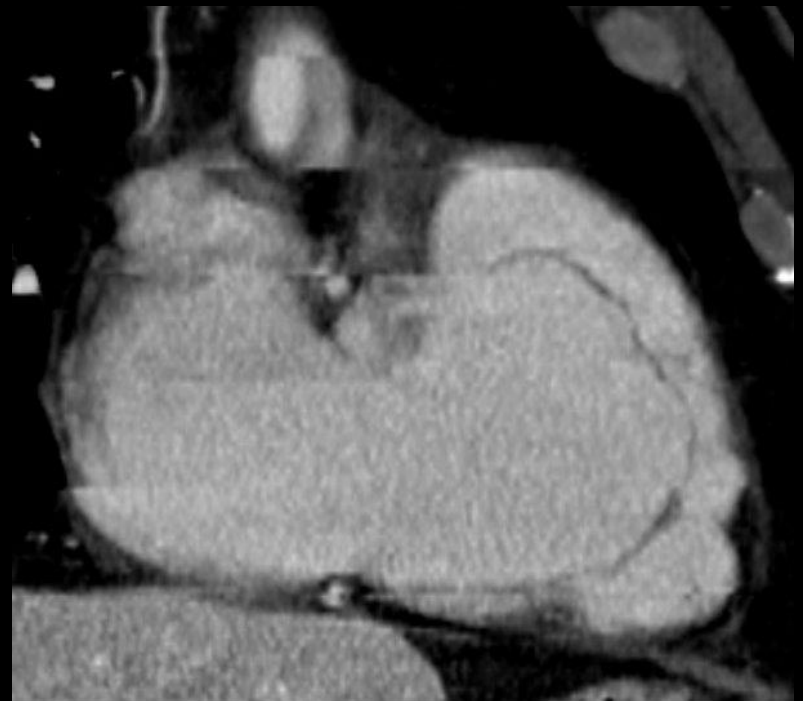
性別：Male

年齡：63 years

主訴或重要病史或物理檢查：Shortness of breath, Fatigue, especially with exertion & Bilateral legs swelling



Axial enhanced CT image



Coronal enhanced CT reformat image

ANS: Ebstein anomaly

Q44

性別：Female 年齡：1 y/o

主訴或重要病史或物理檢查： She had history of a brain abscess, and has a persistent left-side superior vena cava (PLSVC) on an echocardiograph.



ANS: Coronary sinus type ASD or
Un-roof coronary sinus

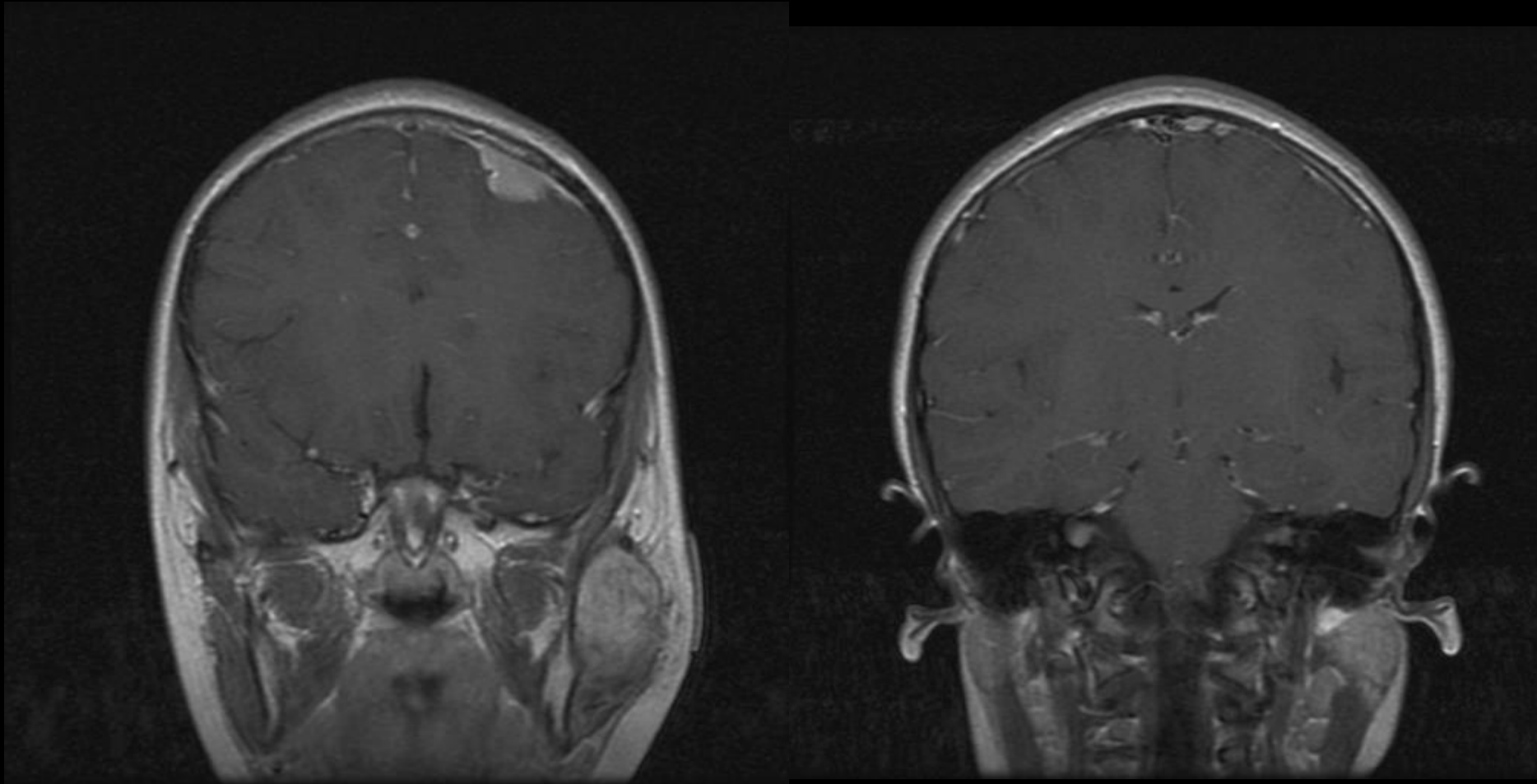
Q45

性別：Female

年齡：8 year-old

主訴或重要病史或物理檢查：had elastic, movable preauricular mass for two weeks

Postcontrast T1-weighted

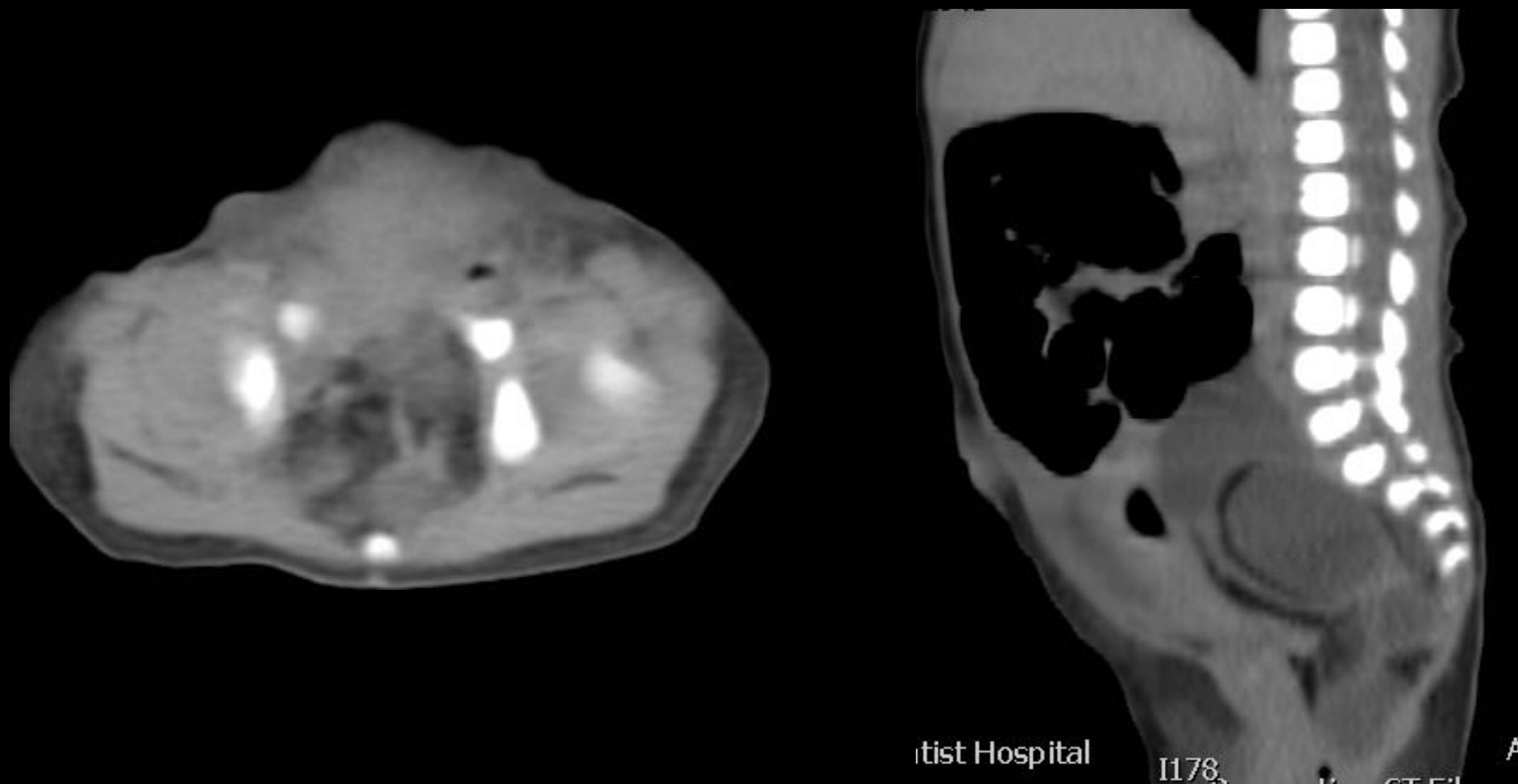


ANS: neurofibromatosis type 2

Q46

性別：Female 年齡：3 day-old
主訴或重要病史或物理檢查：mass lesion detected by prenatal ultrasonography

Postcontrast CT in the axial and sagittal planes



ANS: teratoma

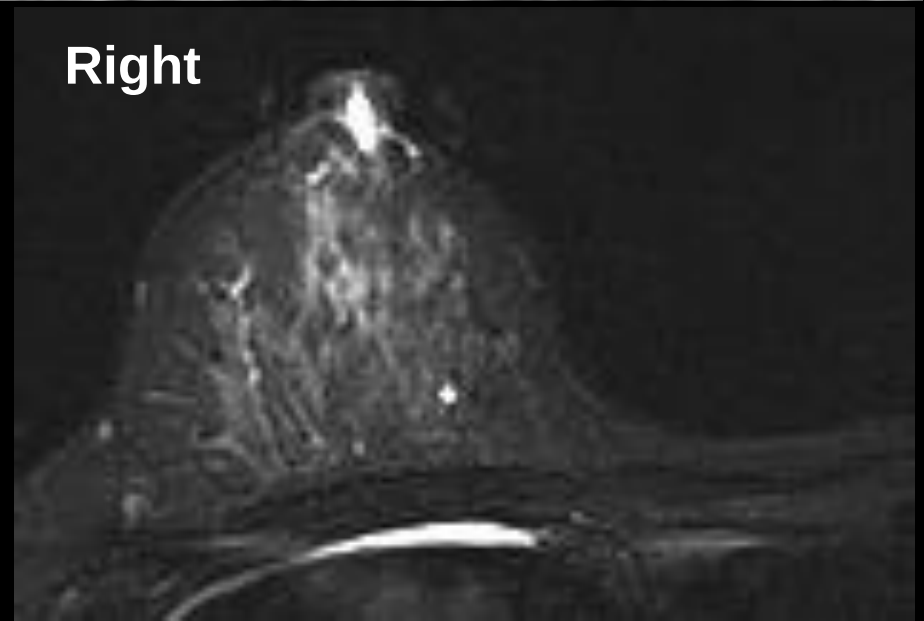
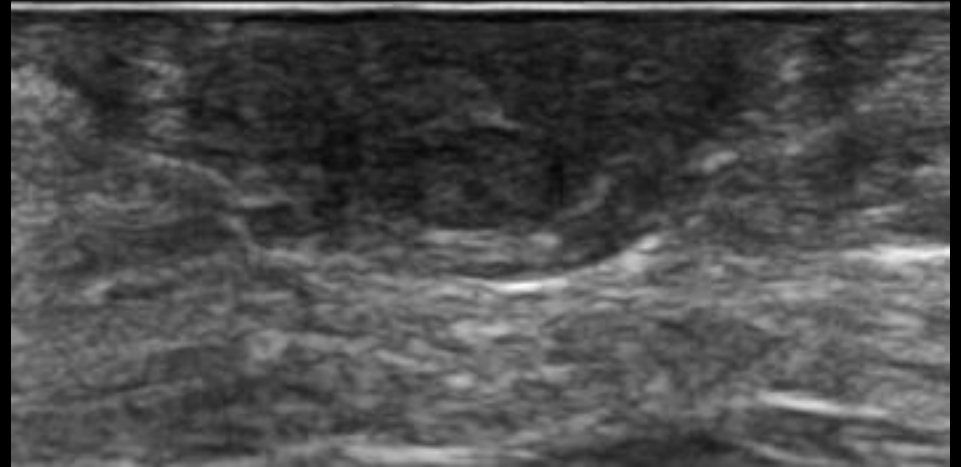
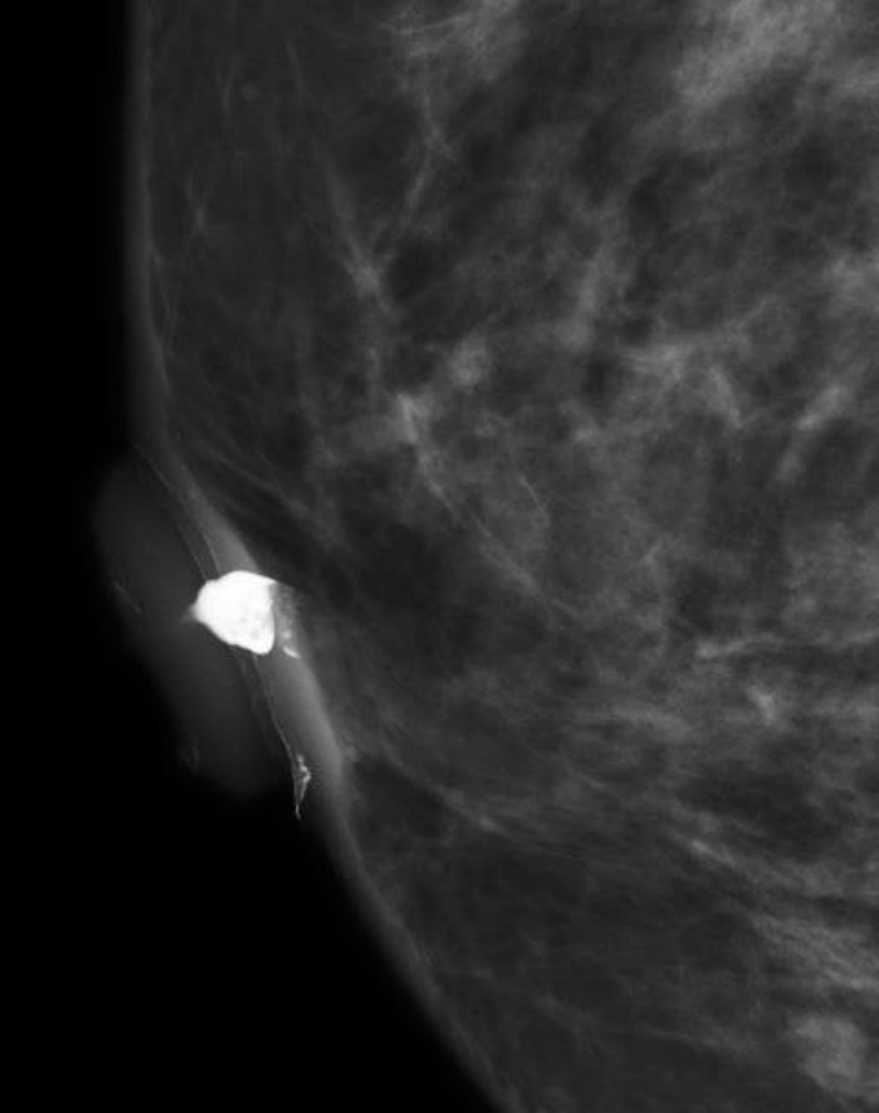
Q47-1

性別：Female

年齡：57 y/o

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主訴或重要病史：bleeding nipple, right breast,
for several months.

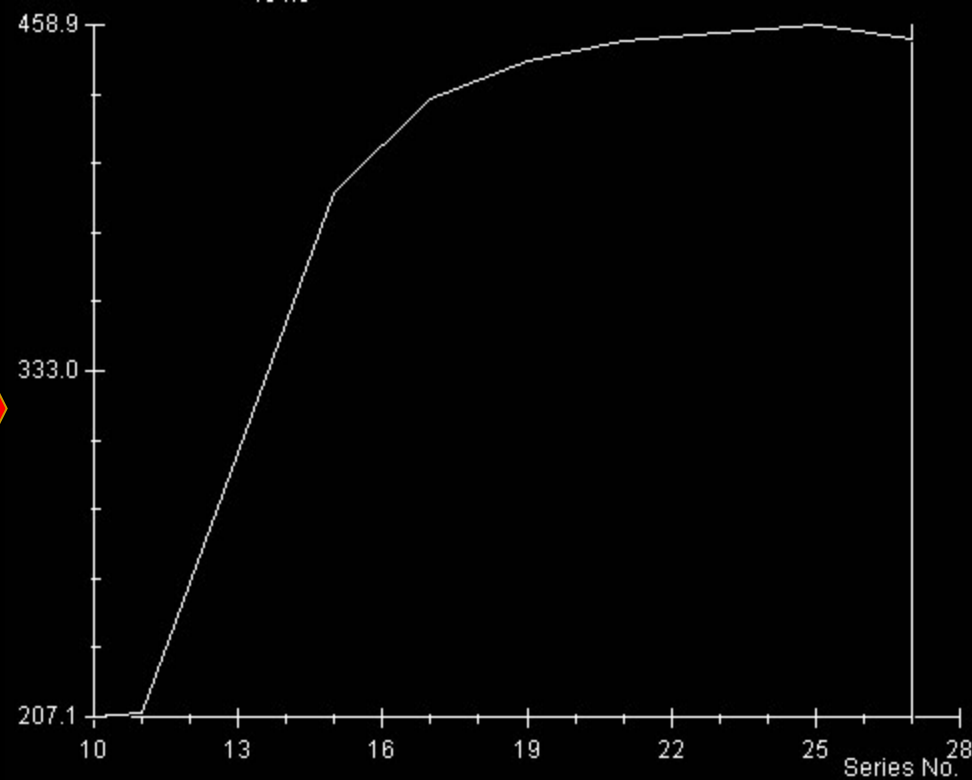
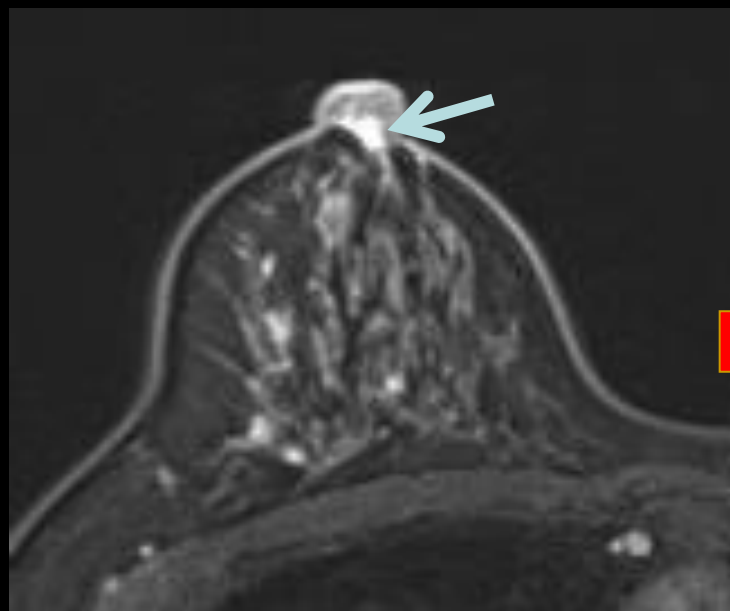


Q47-2

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DWI
right

ADC



ANS: Intraductal papilloma

Q48-1

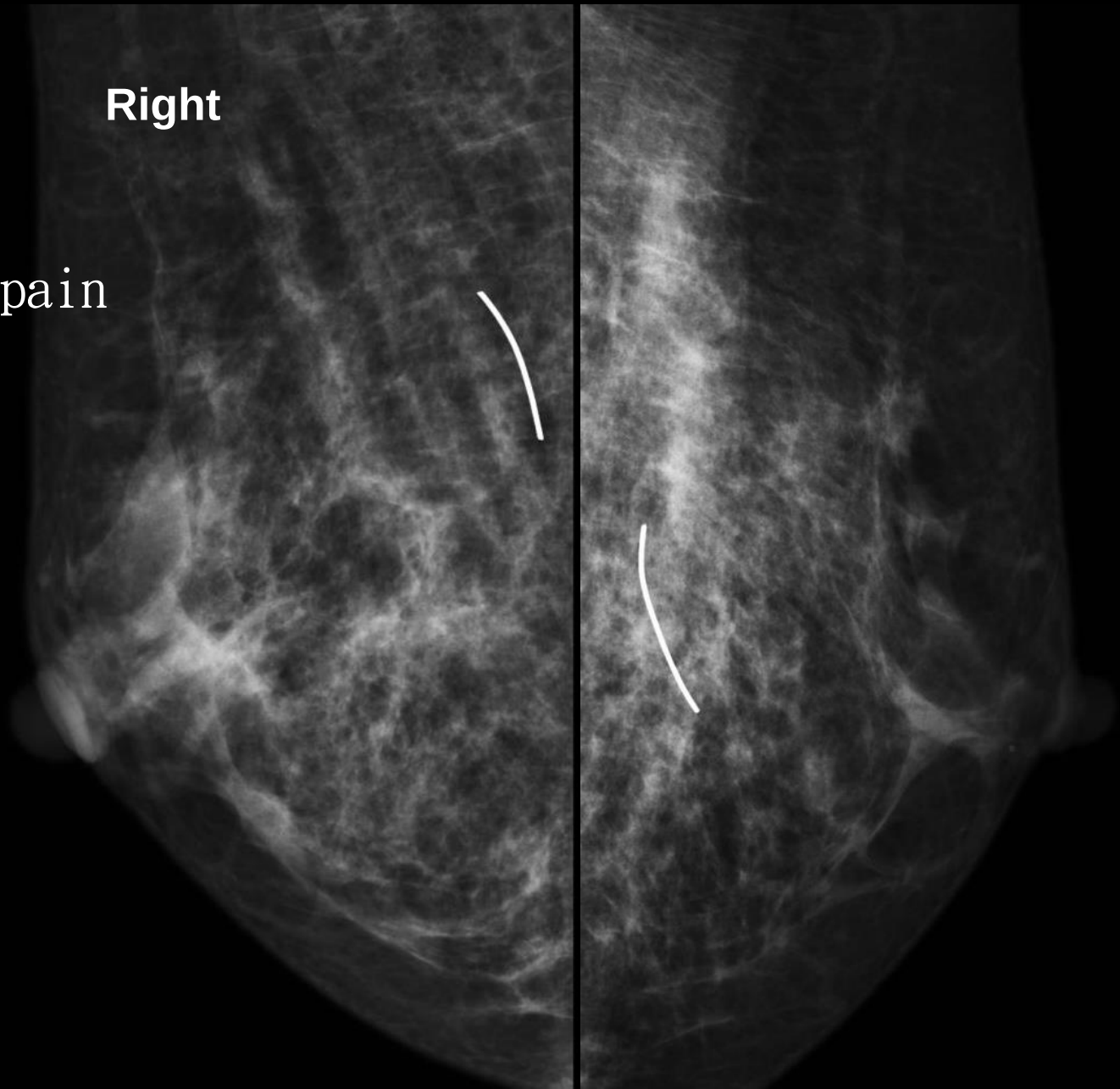
本題有二張投影片，第一張

性別：Female

年齡：48 y/o

主訴或重要病史：

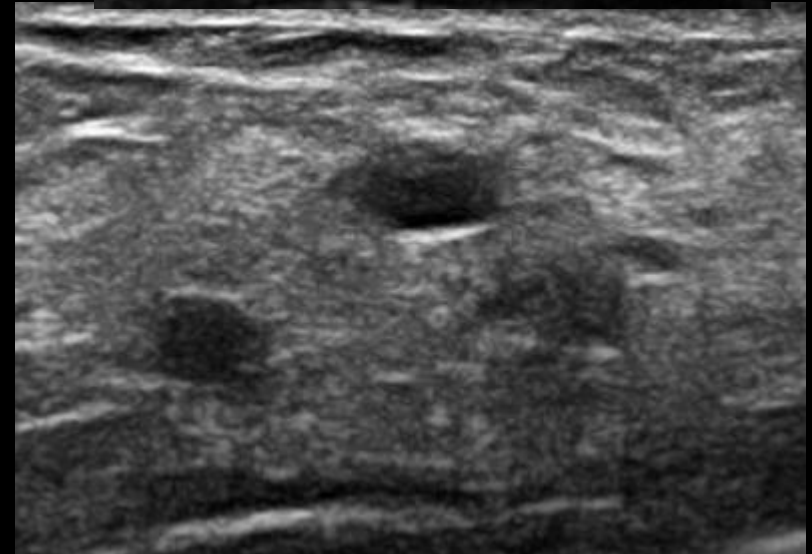
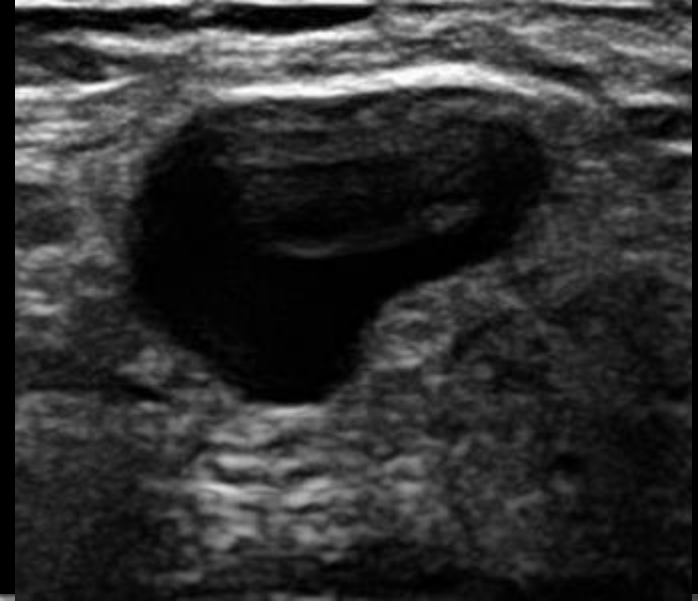
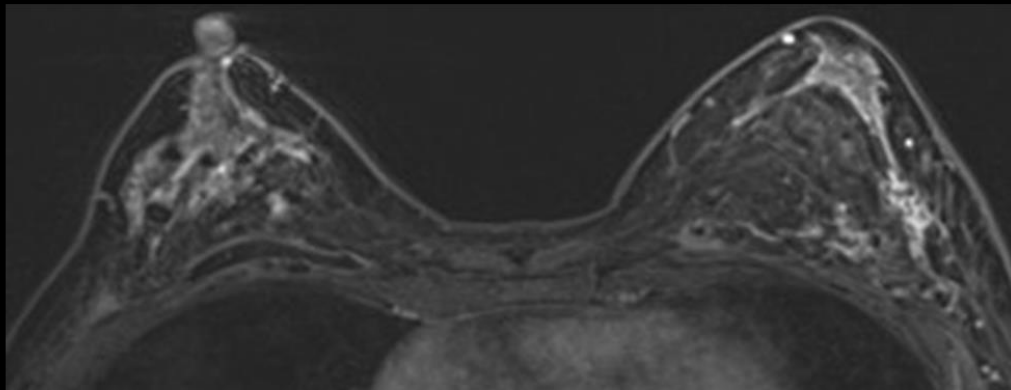
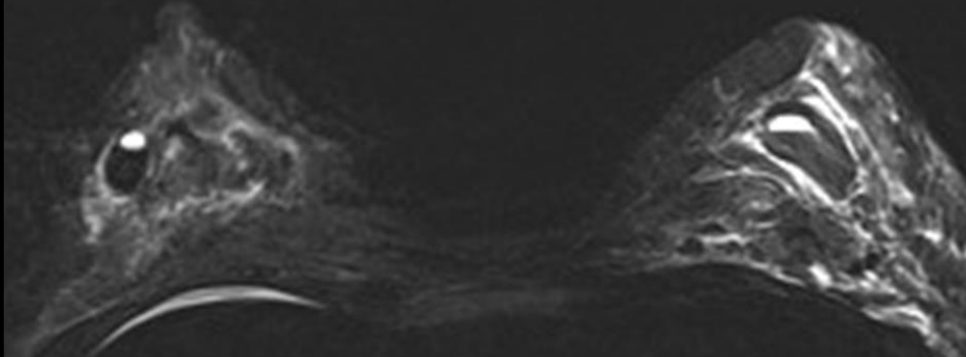
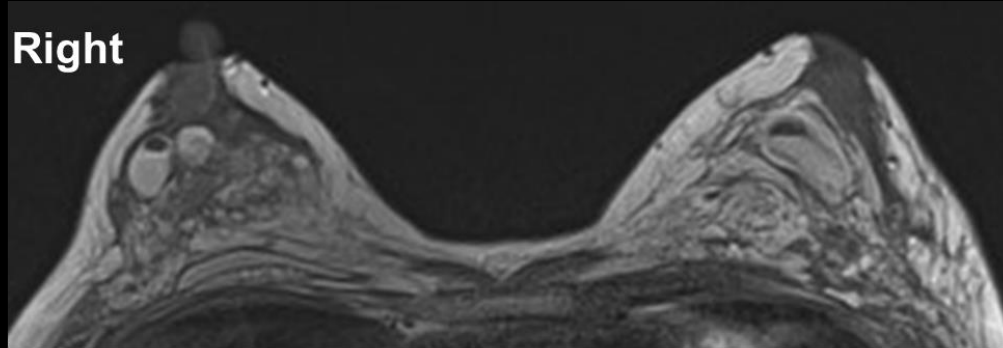
Bilateral Breast pain
after a breast
Procedure.



Q48-2

請問：
此婦女可能曾接受
何種乳房術式？

本題有二張投影片，第二張

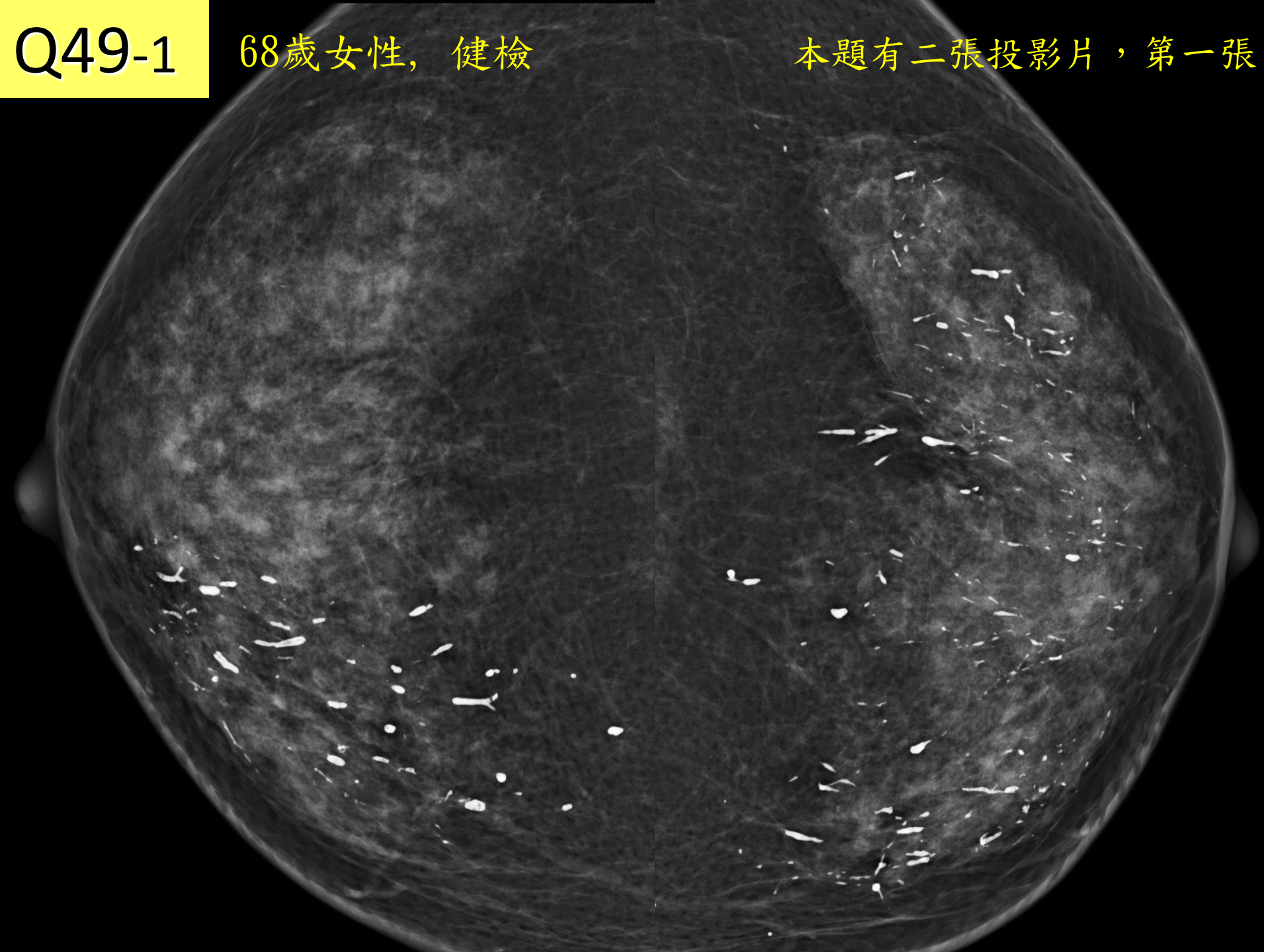


ANS: Autologous fat transfer(or
Autologous fat injection)

Q49-1

68歲女性，健檢

本題有二張投影片，第一張

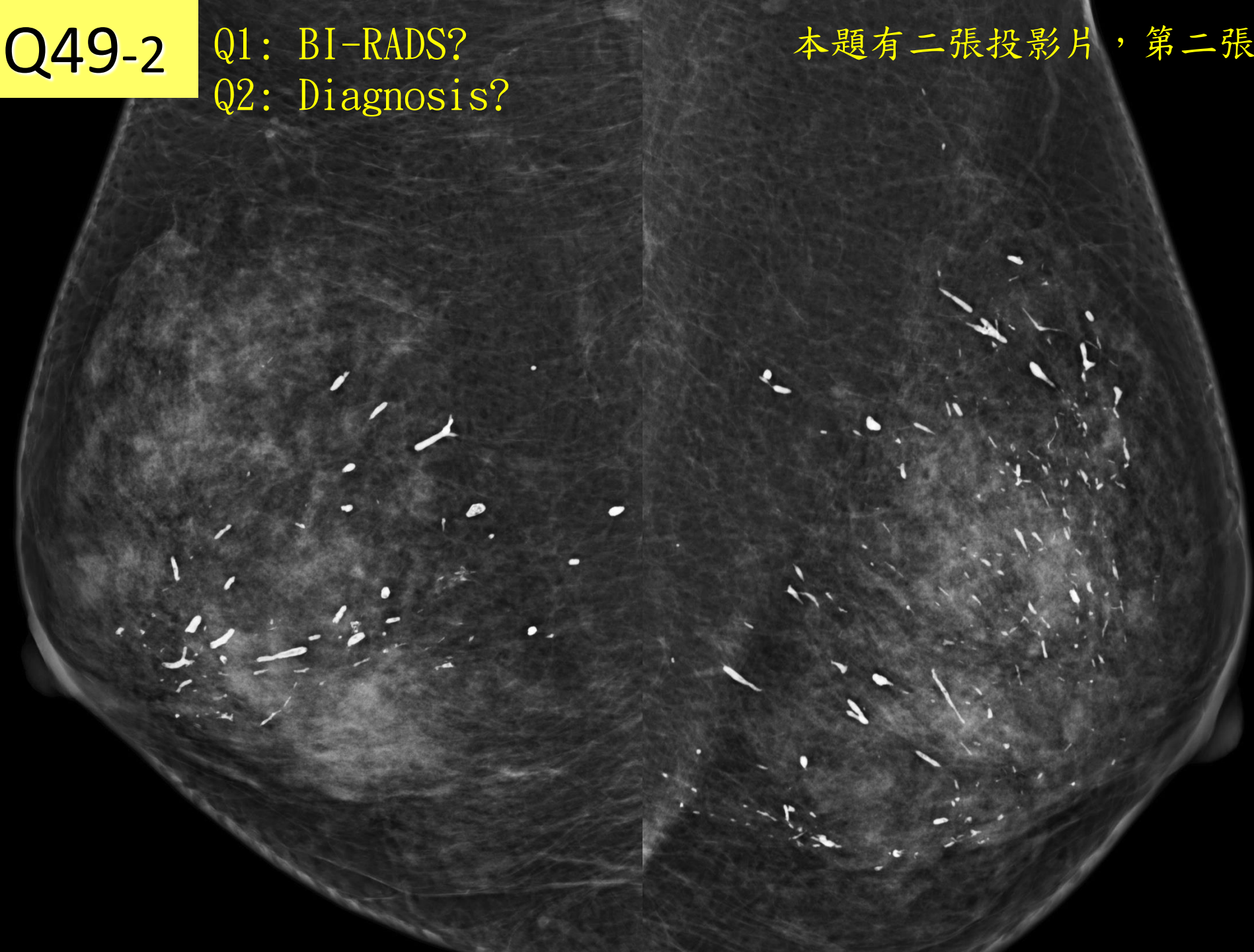


Q49-2

Q1: BI-RADS?

Q2: Diagnosis?

本題有二張投影片，第二張

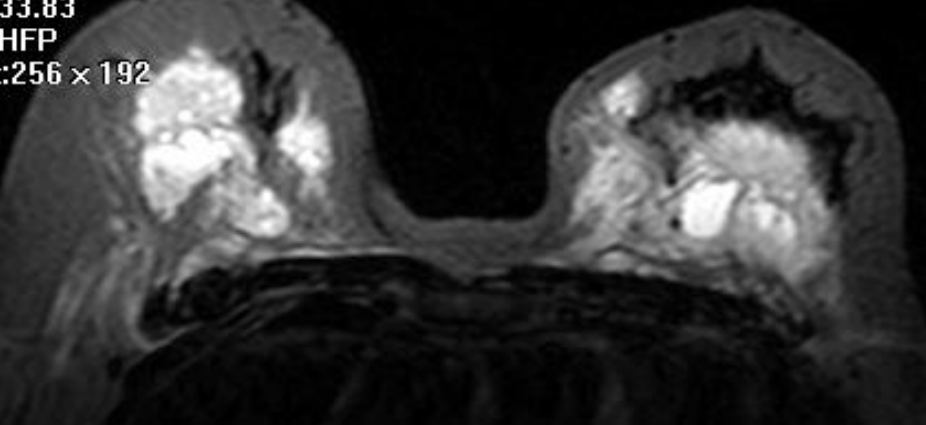


ANS 1:BI-RADS 2

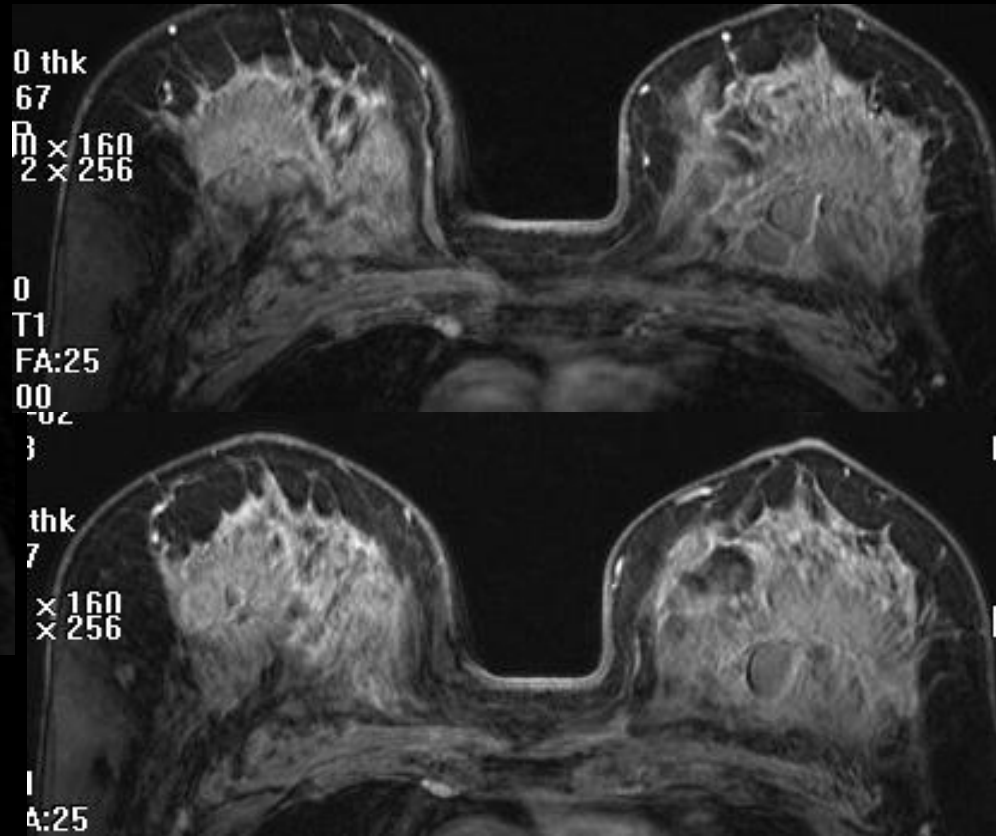
ANS 2:Secretory calcifications

Q50 81 year old lady, palpable lumps

5.00 thk/6.00 sp
33.83
HFP
:256 x 192



Inversion Recovery Fat suppression



Fat suppressed Gd T1WI

ANS: bilateral free silicone
injections and siliconomas