

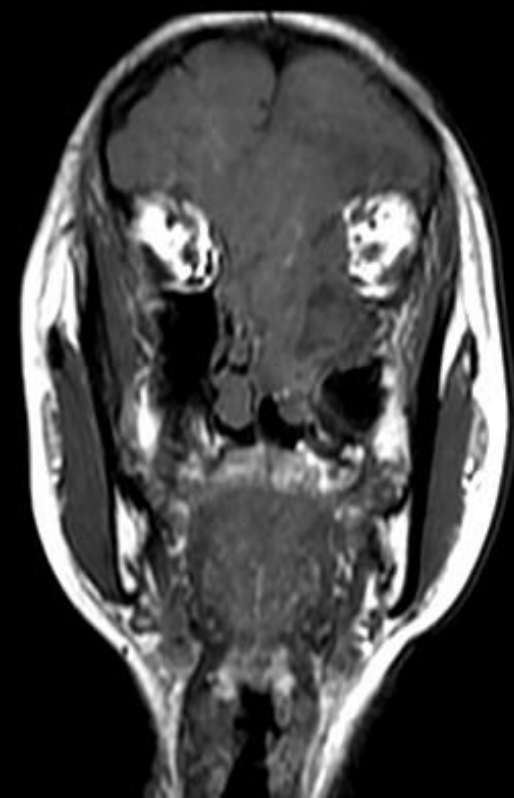
2014年5月23日
中華民國放射線醫學會
住院醫師閱片測驗

出題醫院
林口長庚醫院影像診療科部

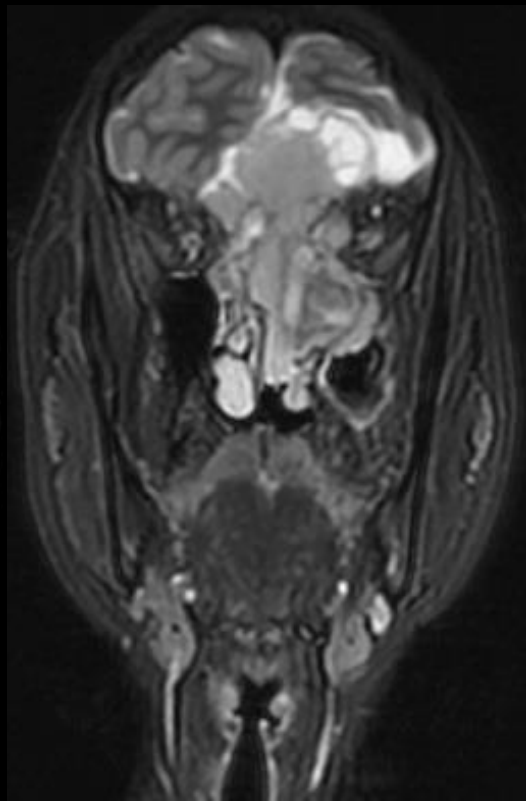
Q01-1

23 y/o female; epistaxis for 3-4 months

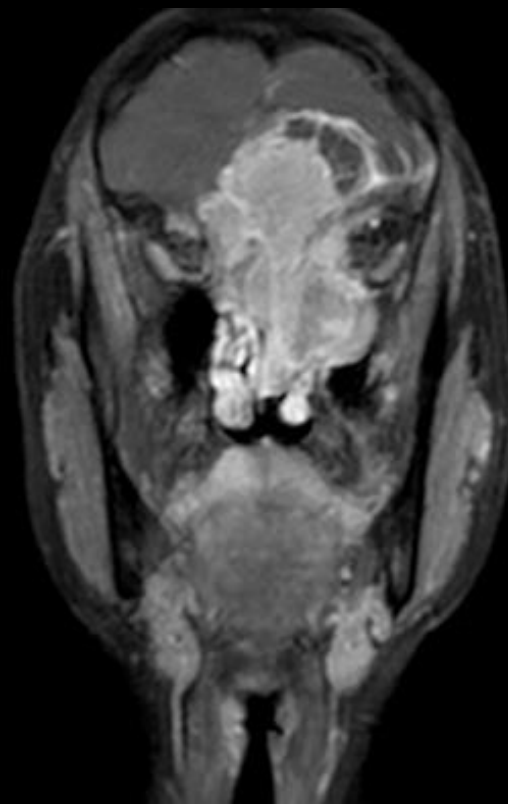
本題有 2 張投影片，第 1 張



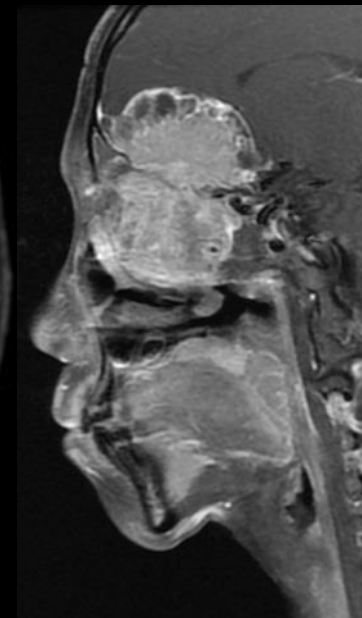
T1WI



T2WI



T1+C



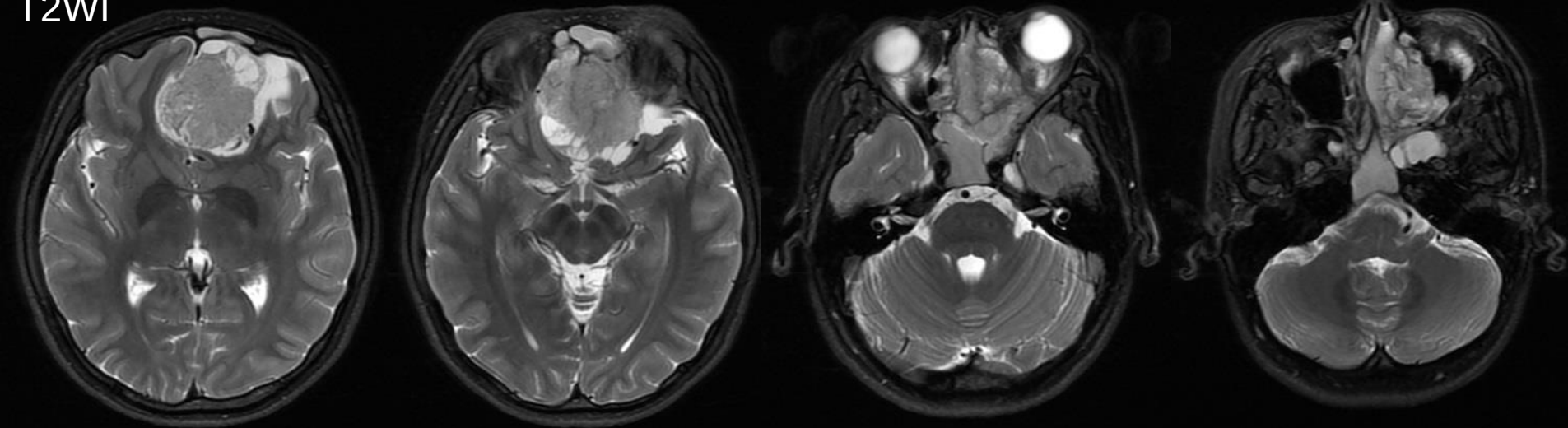
T1+C

Q01-2

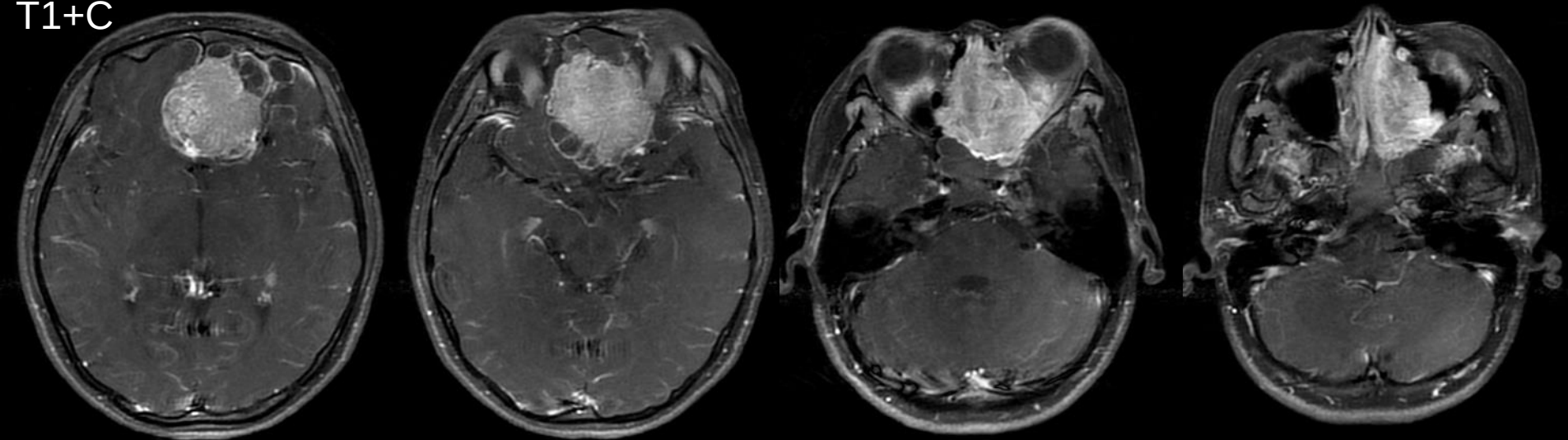
23 y/o female; epistaxis for 3-4 months

本題有 2 張投影片，第 2 張

T2WI



T1+C



ANS : Olfactory neuroblastoma

Q02

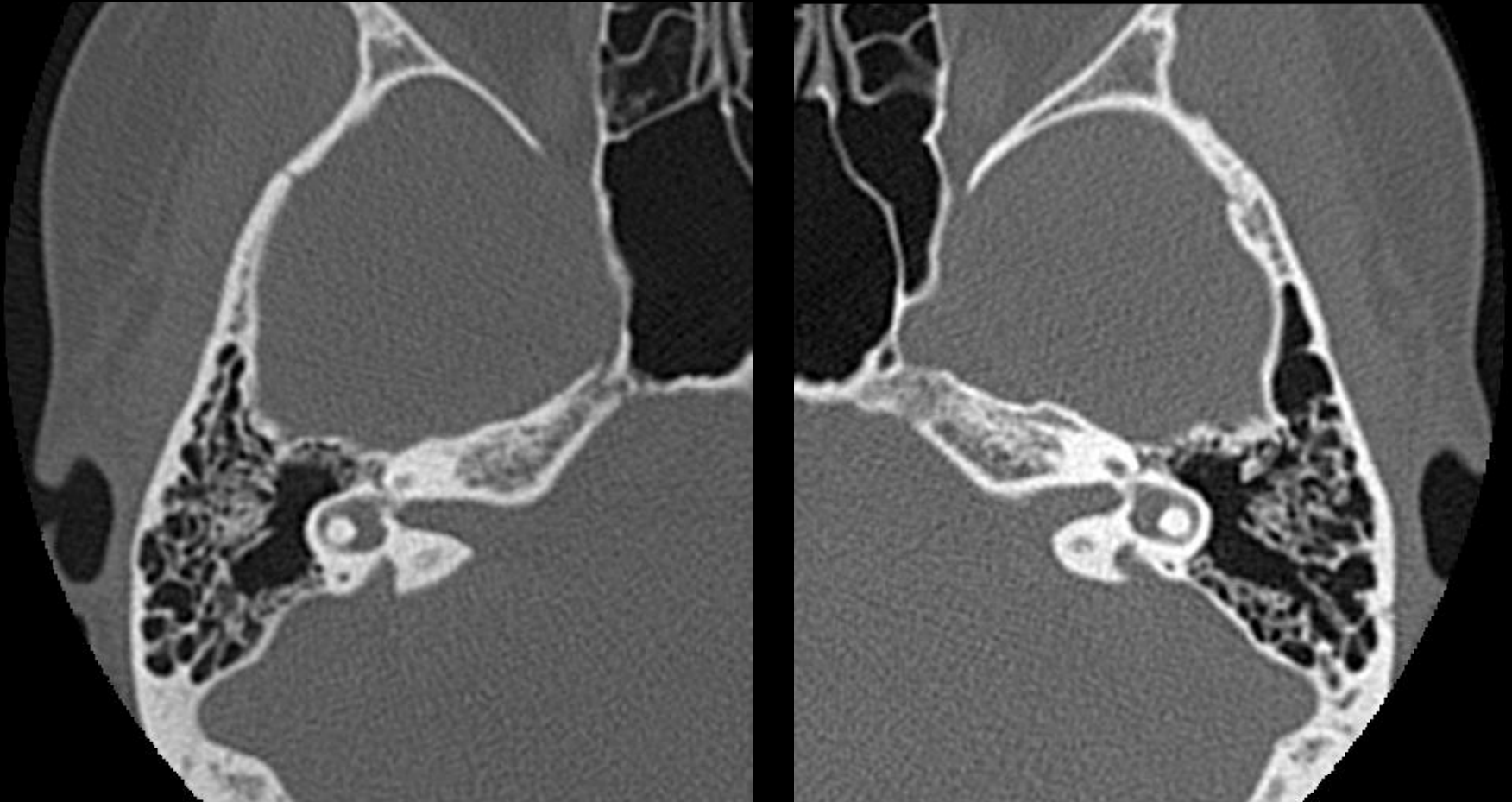
78 Y/O female Left external acoustic canal mass with pain for 3 months



Ans: external acoustic
canal cholesteatoma

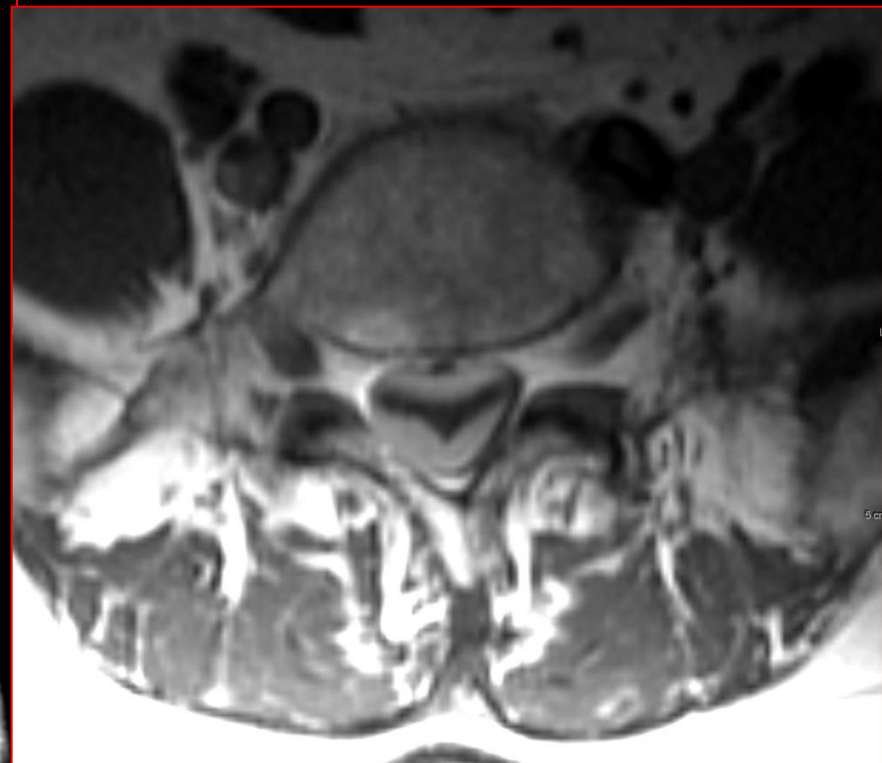
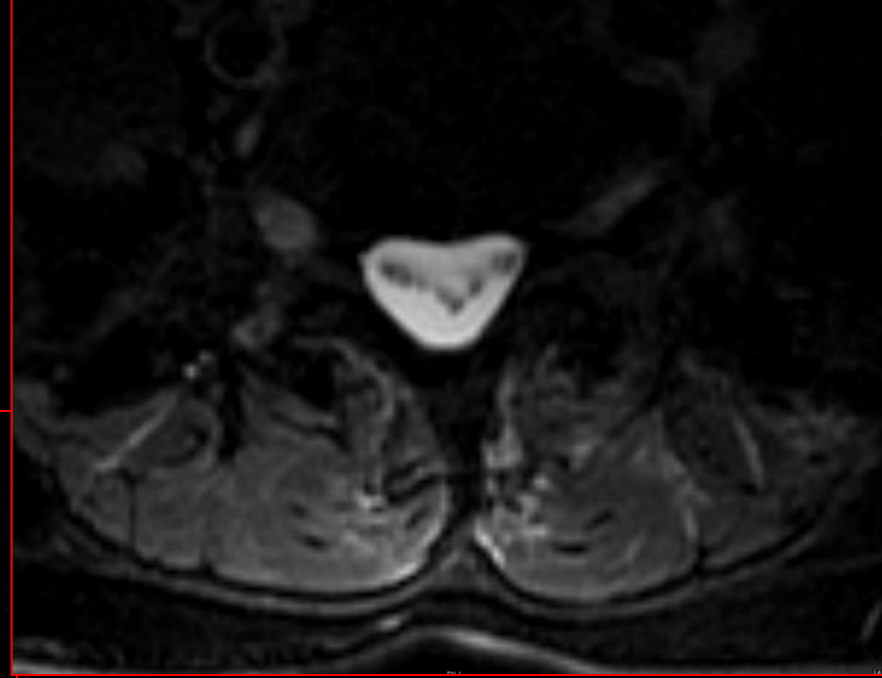
Q03

19 Y/O female, bilateral hearing impairment



Ans: Bil. enlarged vestibular aqueduct syndrome

Q04 F/68 head injury s/p
OP; with progressive
extremities weakness



ANS : Subdural hematoma

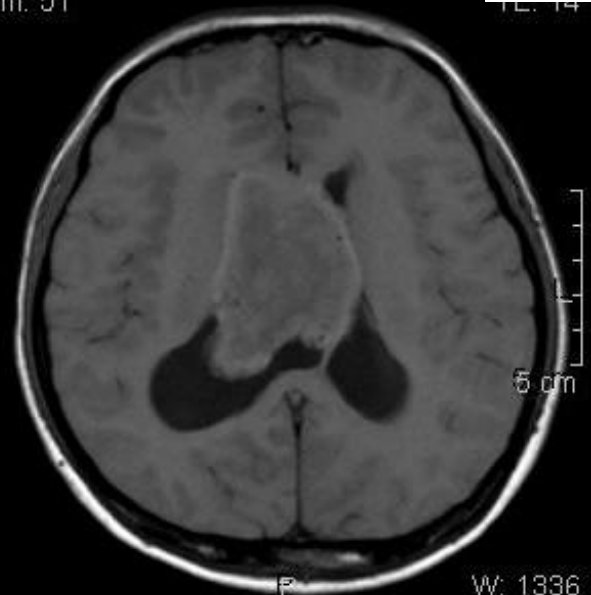
Q05

CT C-



Se: 4
Im: 51

T1WI
TE: 14



ST: 5



W:

ST: 5



W: 1336

L: 797

Se: 6

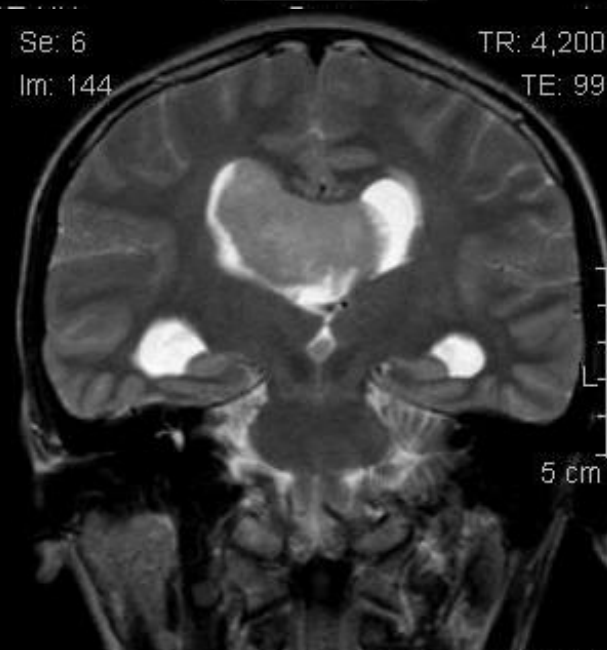
Im: 144

TR: 4,200 Se: 11

TE: 99 Im: 289

TR: 600

TE: 20



T2WI



W: 1240

L: 719



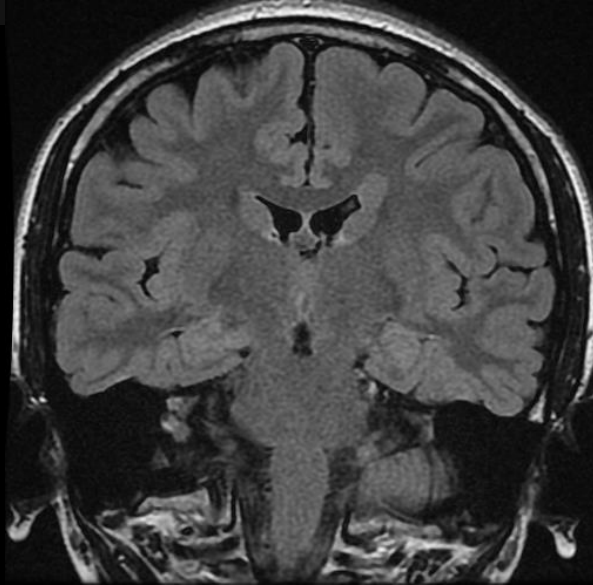
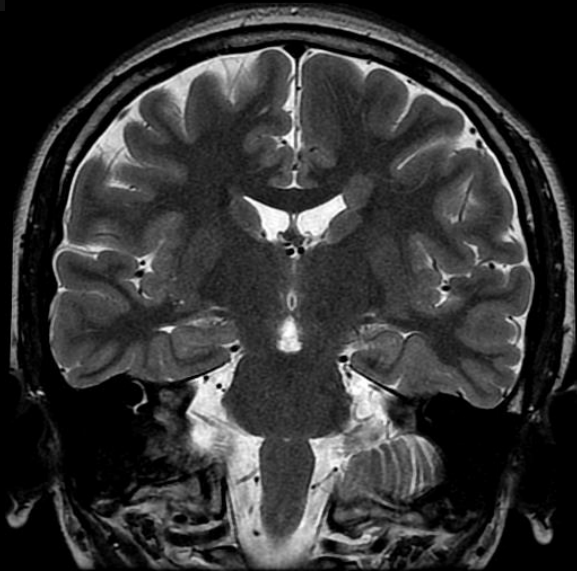
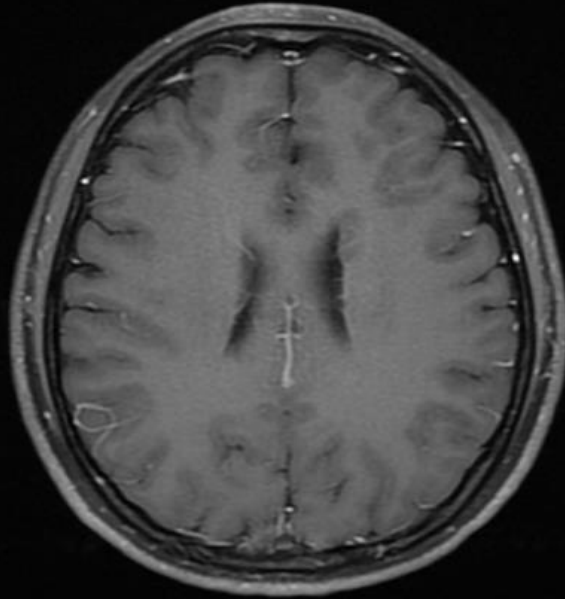
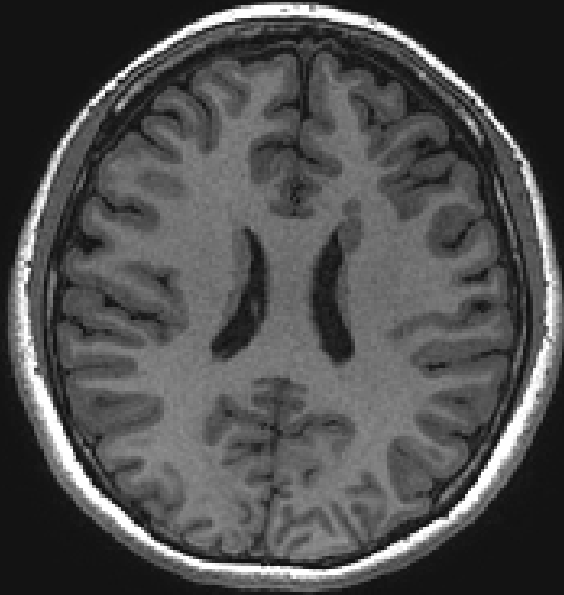
W:

T1WI C+

ANS : Central neurocytoma

Q06

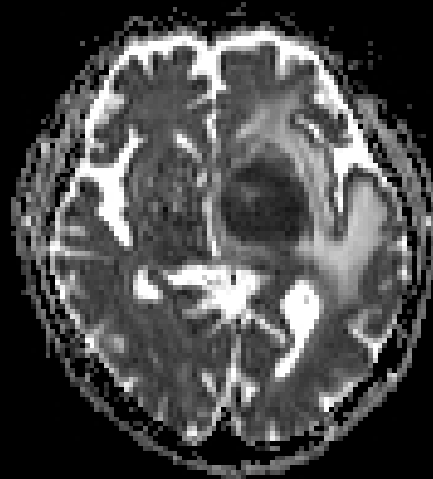
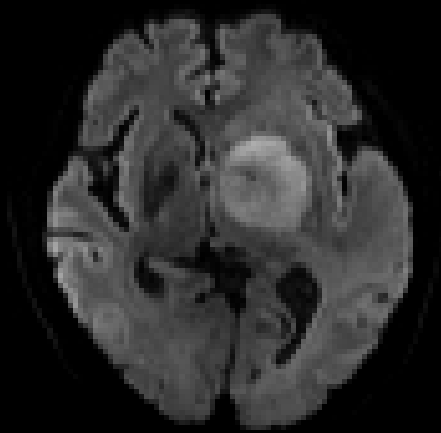
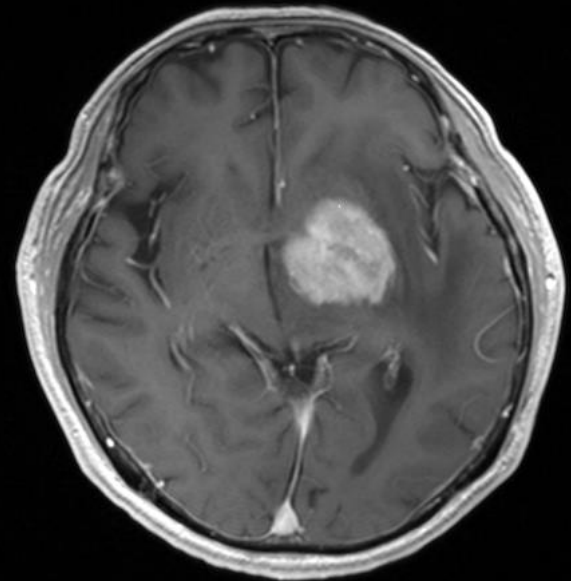
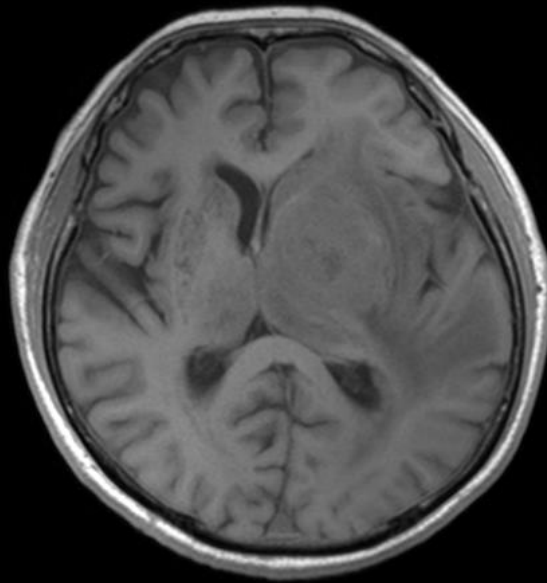
18 Y/O F, seizure



ANS : subependymal heterotopia

Q07

82 Y/O M, right hemiparesis



ANS: CNS lymphoma

Q8

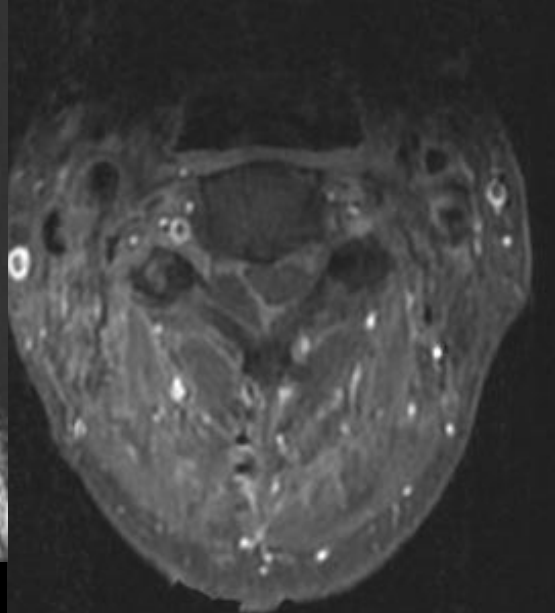
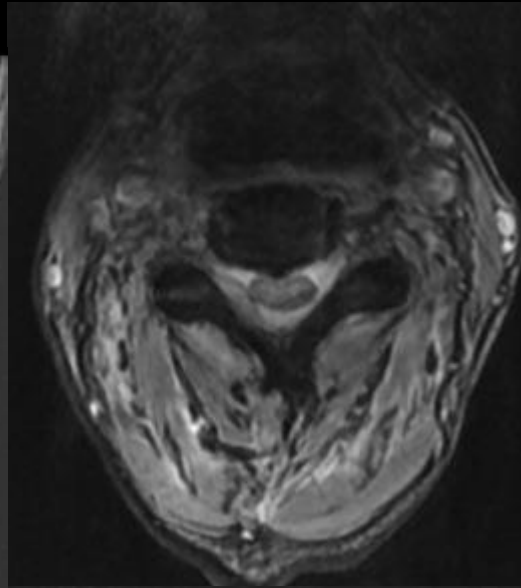


What is the normal variant?

ANS: Left accessory MCA

Q9

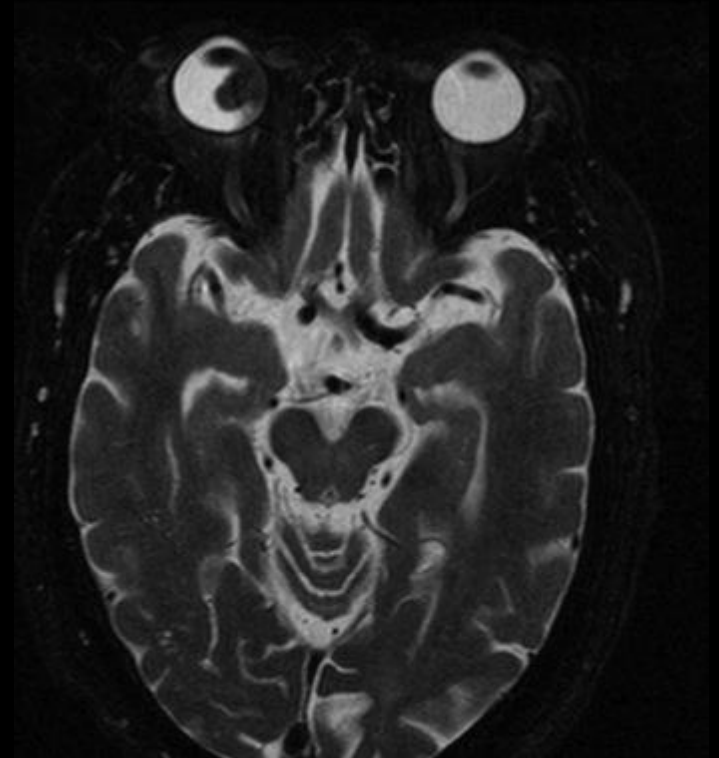
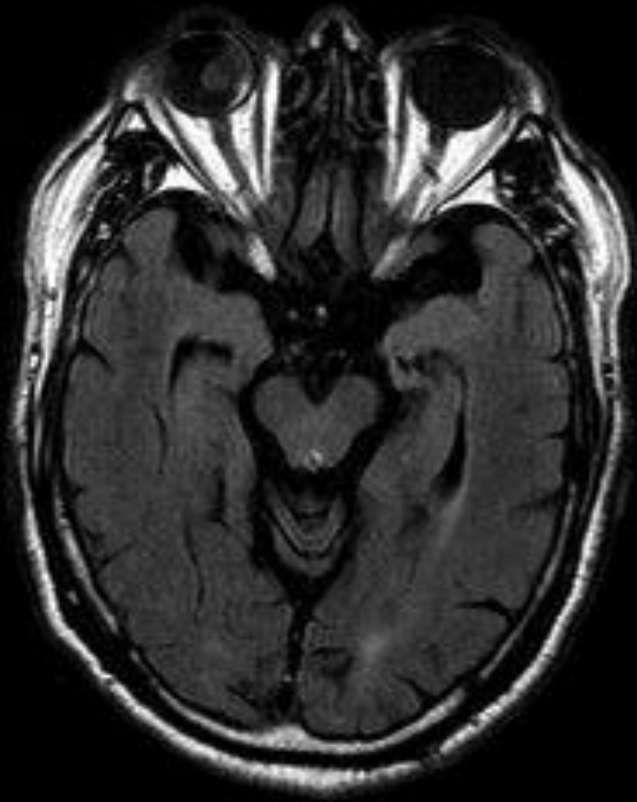
The 64 year old male had neck pain and intermittent fever for 3 days



ANS: Epidural abscess at right C2-5.

Q10

The 77 year old male had blurred vision



A10

ANS: Right uveal melanoma

Q11

60 Y/O male; Progressive dyspnea



ANS : Idiopathic Pulmonary Fibrosis or
Usual Interstitial Pneumonitis

Q12

56 Y/O Female



201305



201404

ANS : Pulmonary AVF, left upper lung

Q13

性別：Male; 年齡：46; 主訴或重要病史或物理檢查：An immune-compromised host after chemotherapy. What is the most appropriate diagnosis?



Initial CT before treatment



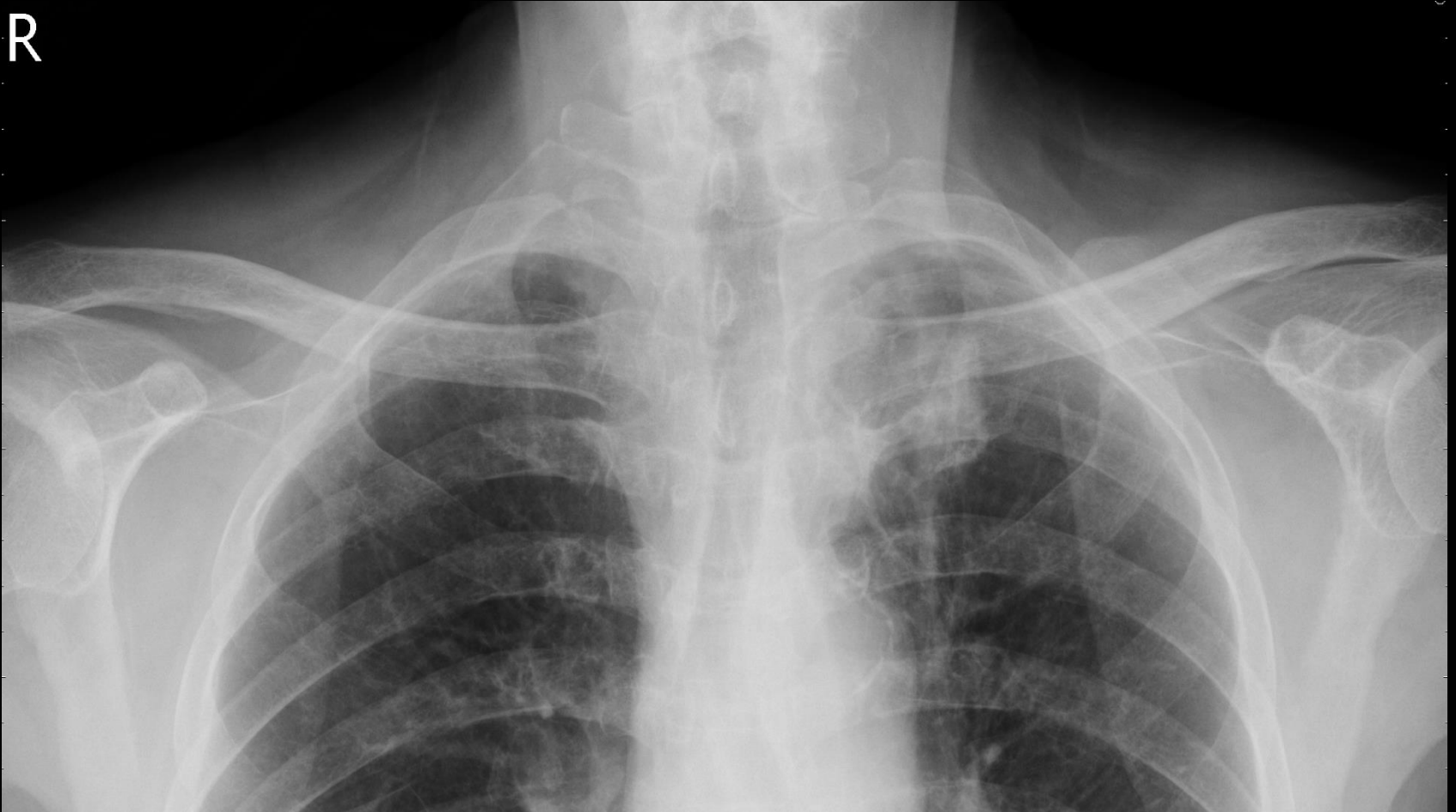
3 weeks later after treatment

ANS: Aspergillosis or
angioinvasive aspergillosis

Q14-1

本題有 3 張投影片，第 1 張

R



Q14-2

本題有 3 張投影片，第 2 張

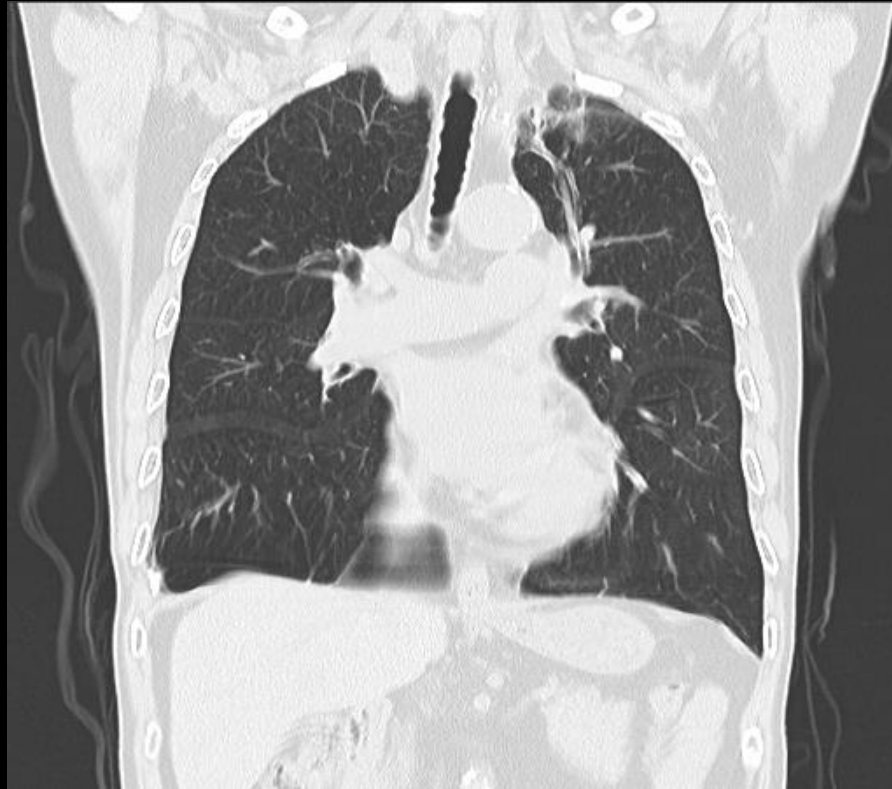


Q14-3

本題有 3 張投影片，第 3 張



ANS : Bronchitis with cystic bronchiectasis



After treatment, not for examin.

Q15

68 Y/O male abdominal pain for three days



ANS : SMA dissection and
complicating occlusion

Q16

58 Y/O female RLQ abdominal
pain for three days



ANS : appendiceal mucocele

Q17

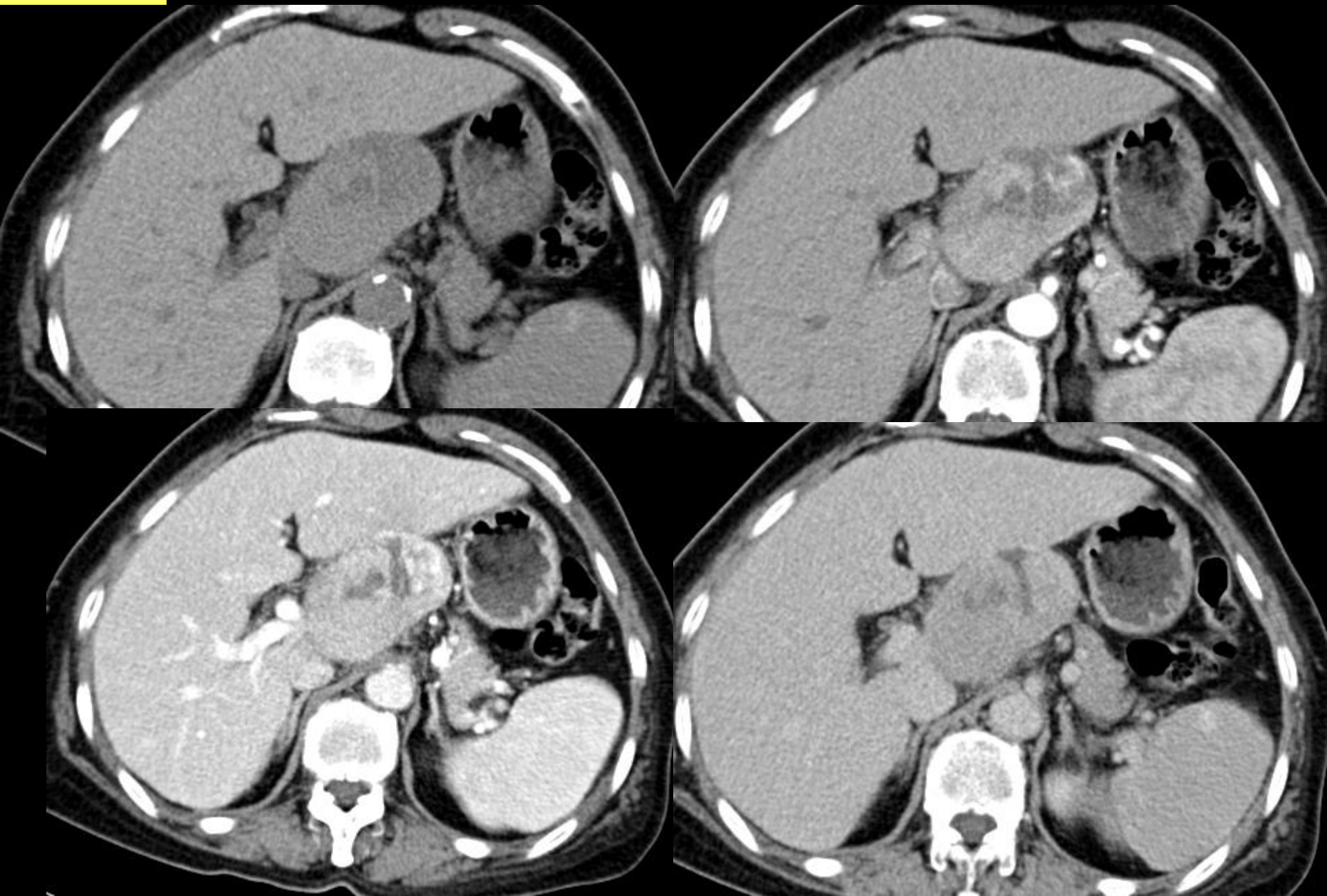
27 Y/O M, Intermittent abdominal pain



ANS : Peutz-Jeghers syndrome

Q18

61 Y/O female, hepatitis B, echo: liver tumor, T-Bilirubin 0.3 mg/dL, AST/GOT 17 U/L, ALT/GPT 13 U/L, AFP < 2.0 ng/mL



A18

ANS : HCC

Q19

62Y/O male, suffered
from diffuse epigastric
pain

R
supine
ERXR

Z1026071
施明 鼎
07.08.1951 62M
03.08.2014(19:59:57)
CGHL XRAY2_ER
R1304



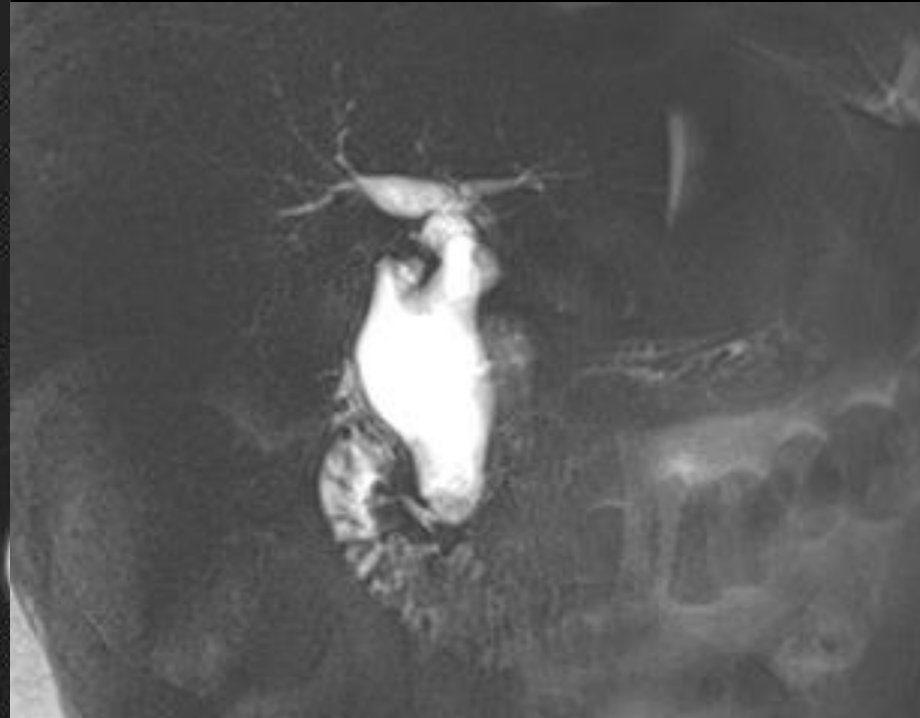
A19



ANS : Pneumoperitoneum

Q20

A 36 y/o male complained epigastralgia and body weight loss in recent 3 months

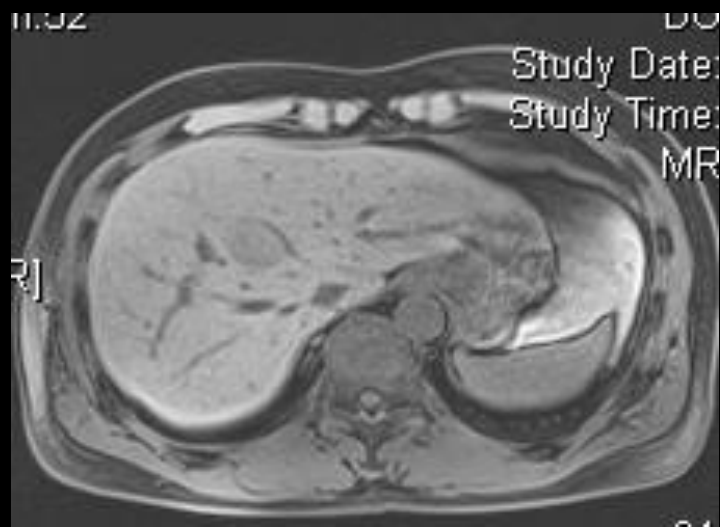


ANS : Choledochal cyst (type 4)
with malignant change and liver
metastases

Q21

A 28 y/o male with incidentally found liver tumor found during health examination. MRI with gadoxetic acid enhancement was done

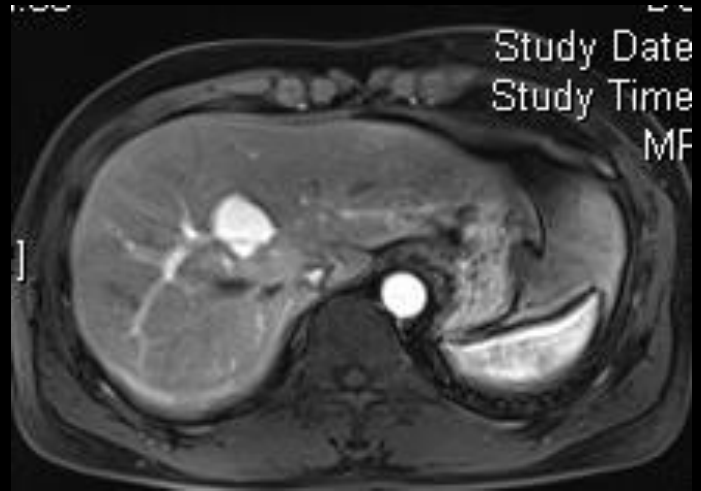
T1+FS



T2-WI

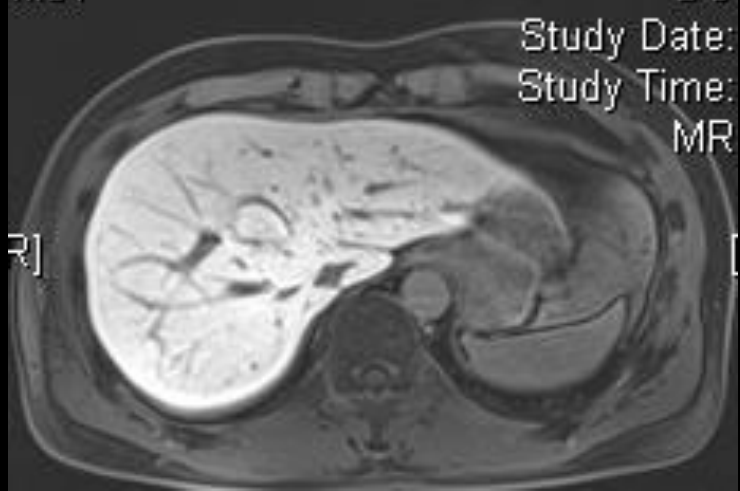


Study Date
Study Time
MF



Arterial phase

Study Date:
Study Time:
MR

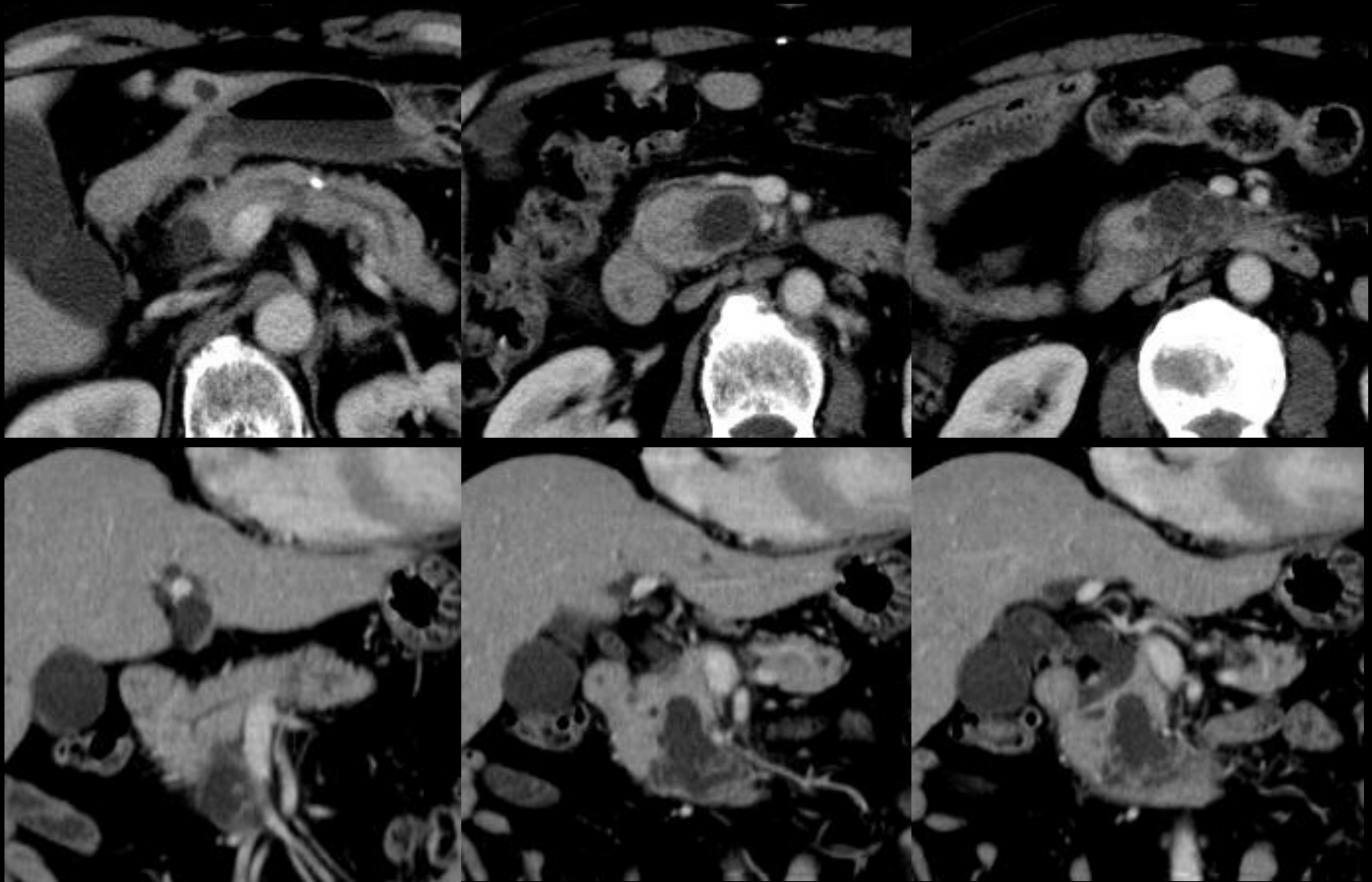


20 min hepatobiliary phase

ANS : Focal nodular hyperplasia

Q22

54 Y/O male, vague abdominal pain



ANS : Pancreas intraductal papillary
mucinous neoplasm (IPMN), branch-duct
type

Q23

53 Y/O male; Wrist pain after fall

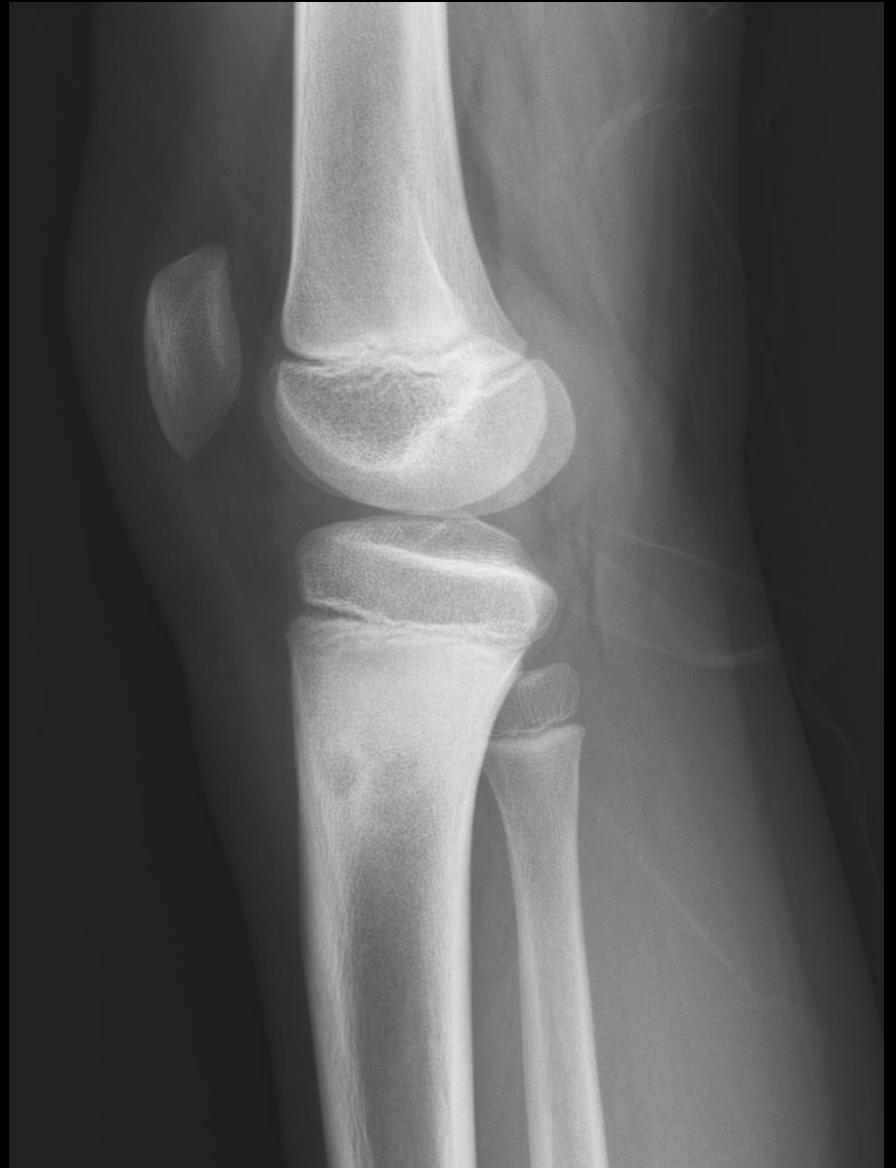
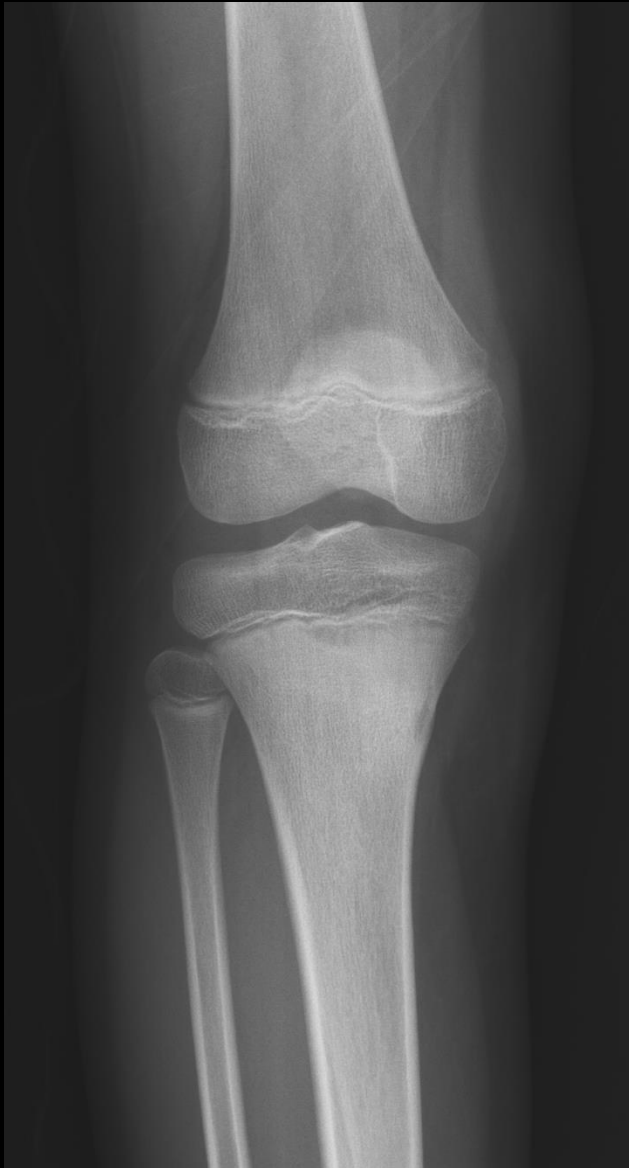


ANS : Triquetrial fracture

Q24-1

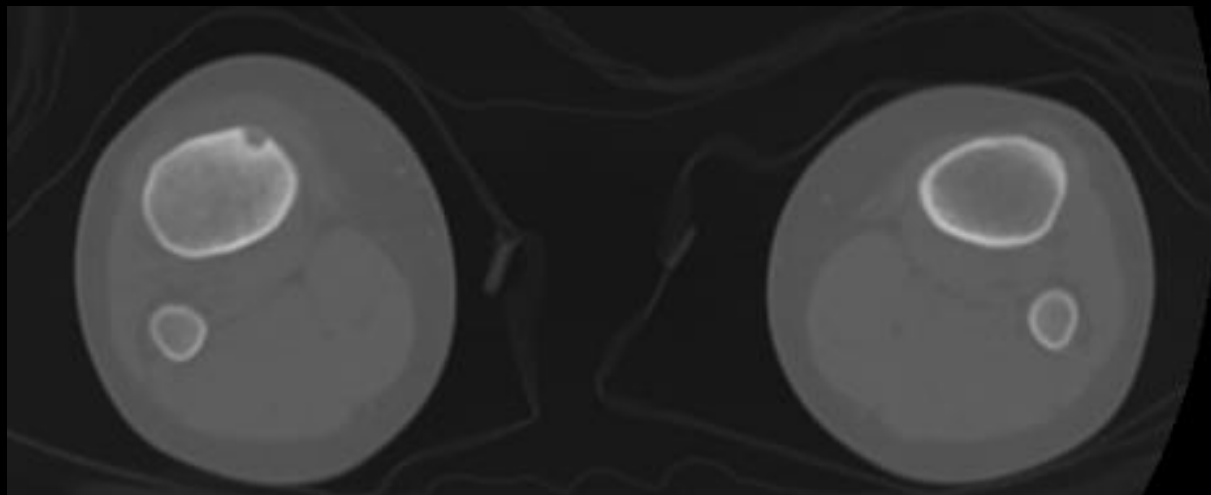
10 y/o male; right knee pain

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Q24-2

本題有 2 張投影片，第 2 張



ANS : Osteoid osteoma

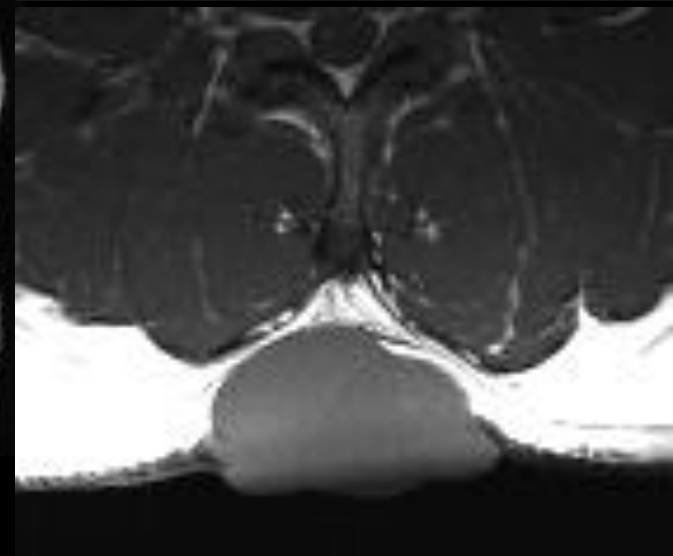
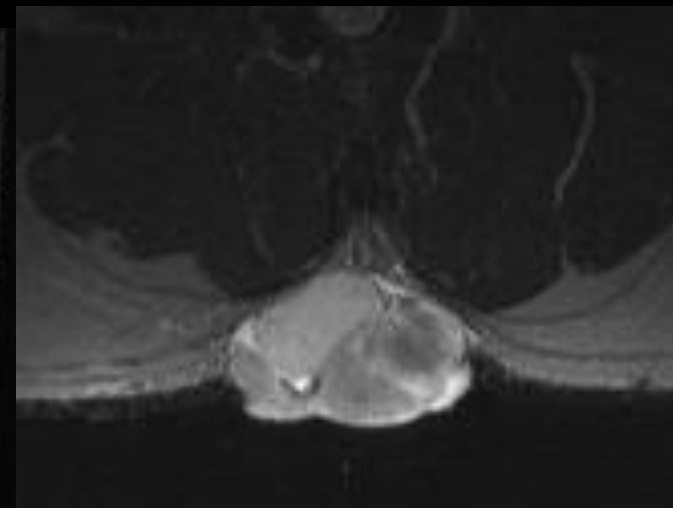
Q25

41 y/o female; left wrist pain



ANS : Giant cell tumor

Q26



ANS : Dermatofibrosarcoma protuberans

Q27

14 y/o boy, mild right knee discomfort
for 6 months



T1WI



STIR

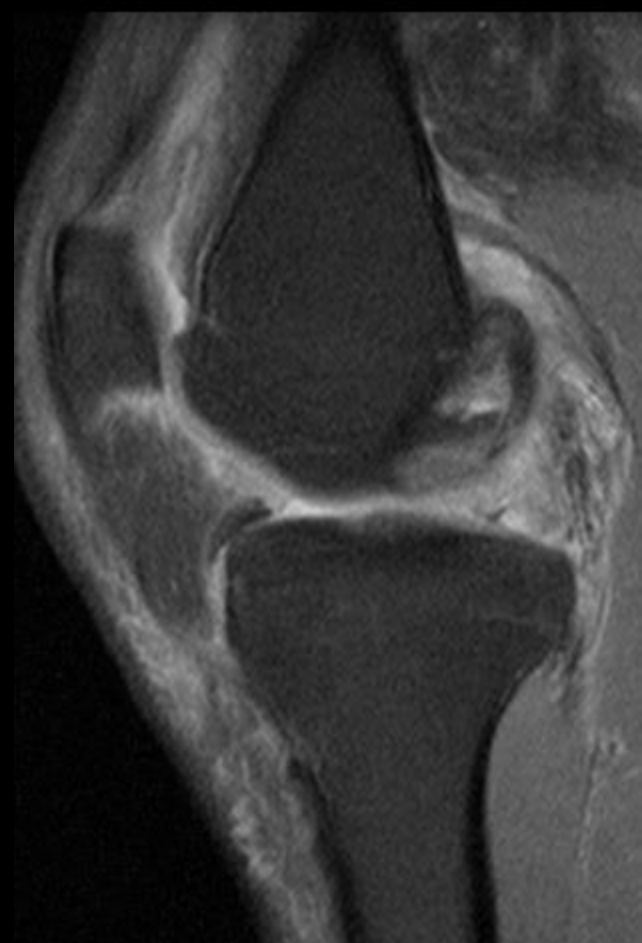


T1WI C+

ANS : Chondroblastoma

Q28

58 y/o male, left knee pain after trauma



ANS : Meniscal root tear

Q29

31 Y/M, swelling of 3rd finger, Hx with
HCC



ANS : Dermoid cyst

Q30

28-year-old male, post-trauma wrist pain



ANS : Kienbock's disease

Q31

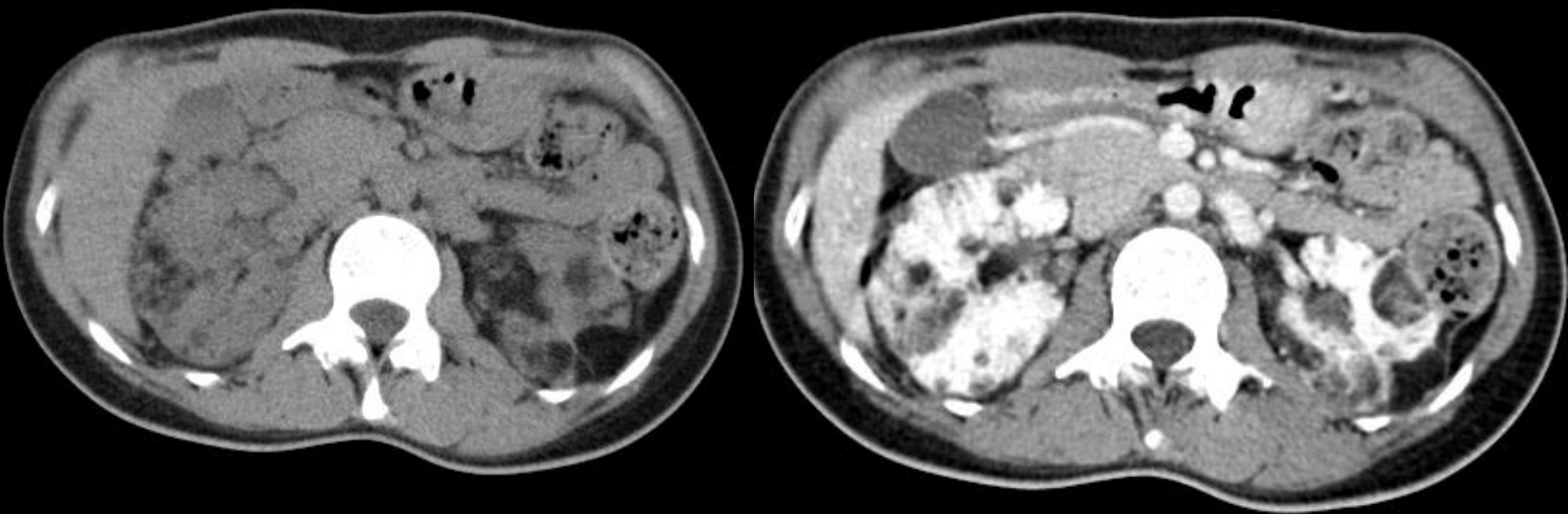


ANS : Didelphys uterus

Q32-1

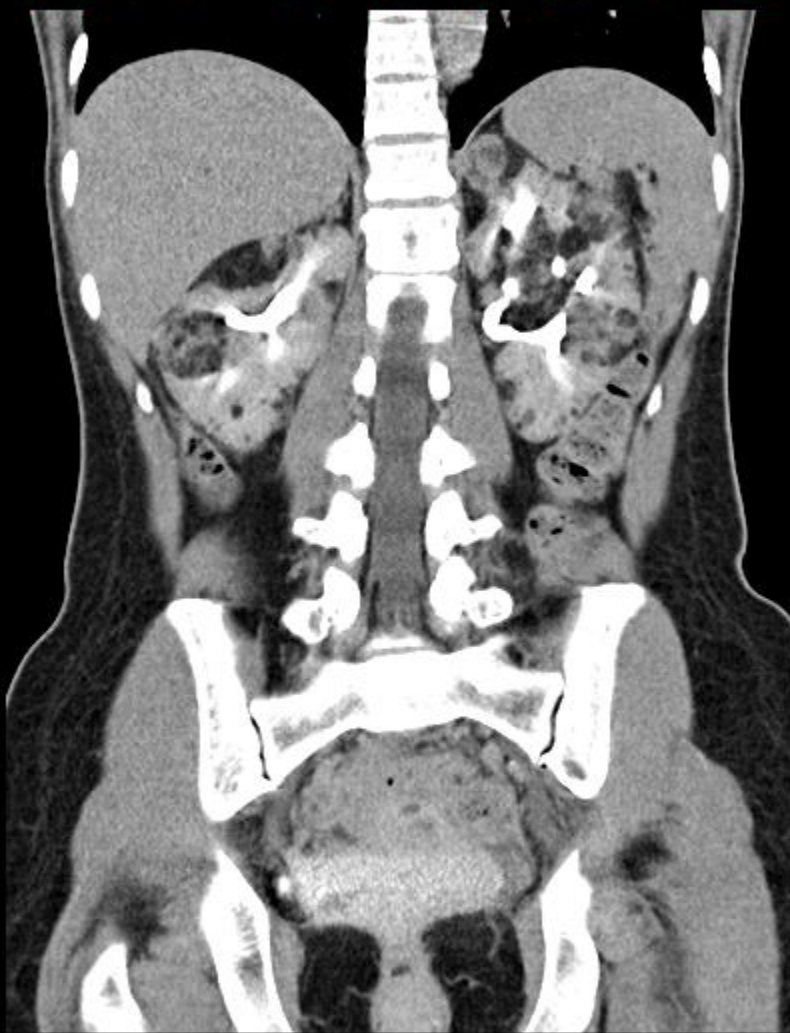
38 year old, female

本題有 2 張投影片，第 1 張



Q32-2

本題有 2 張投影片，第 2 張

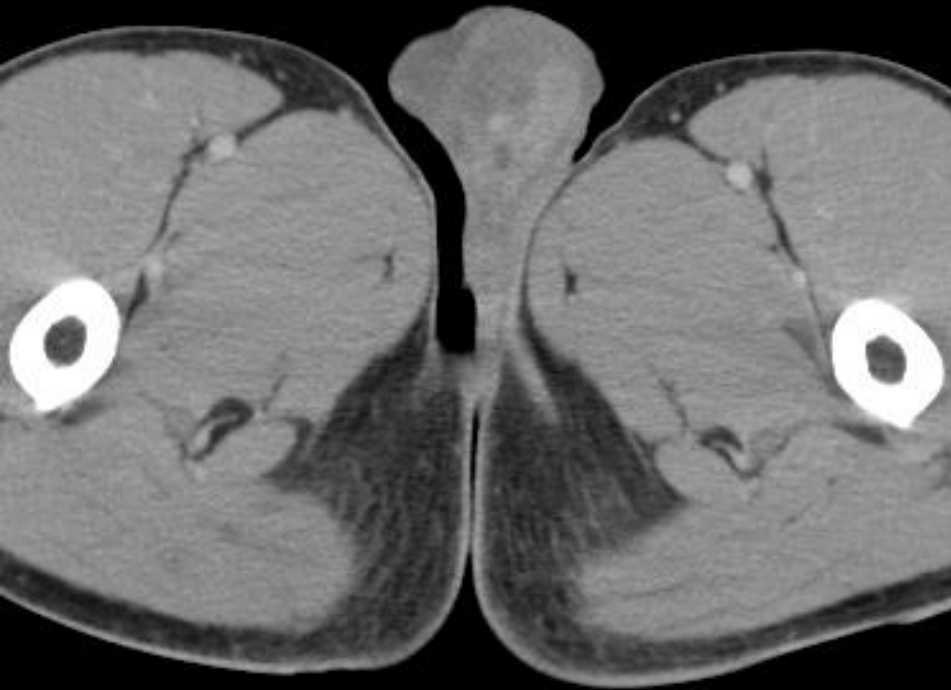


ANS : Tuberous sclerosis with bilateral renal
angiomyolipomas

Q33-1

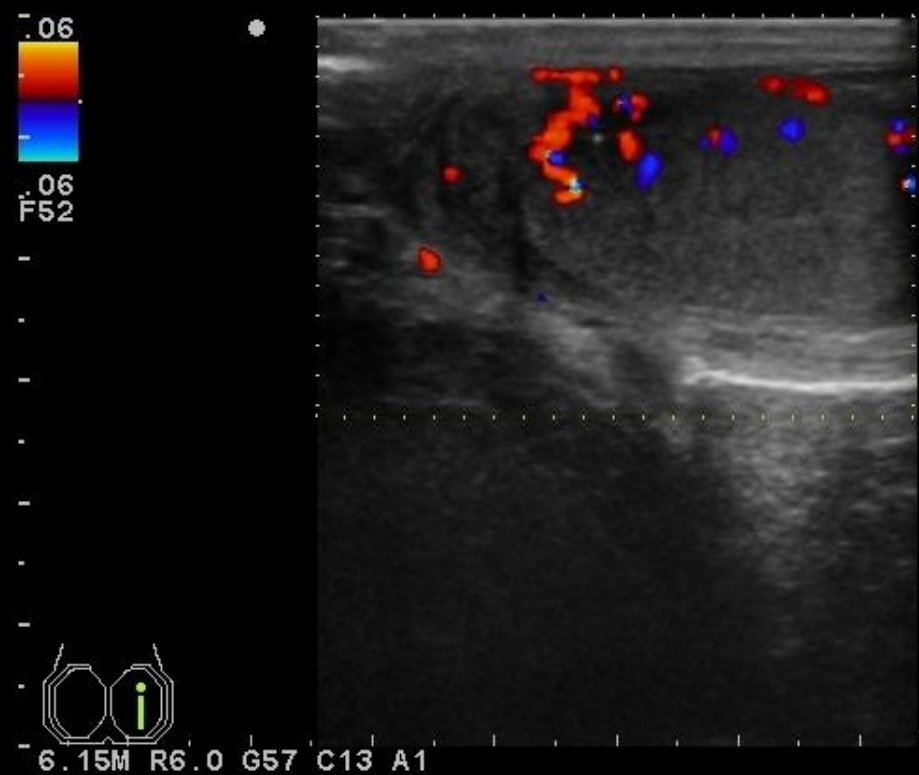
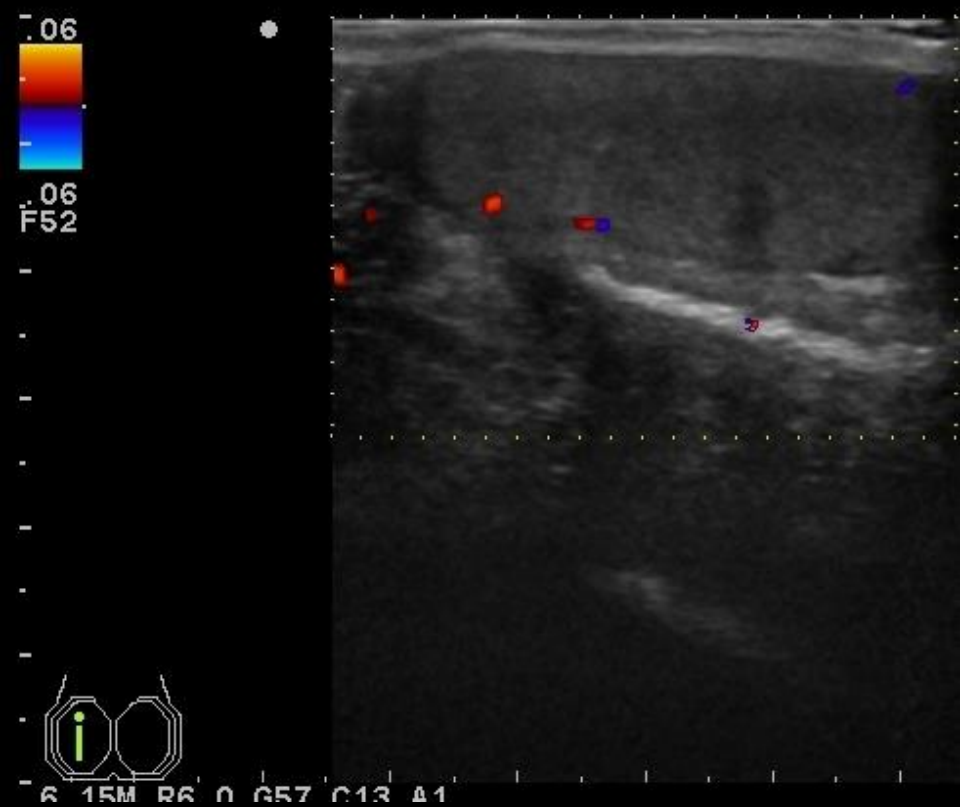
本題有 2 張投影片，第 1 張

35 Y/O male with mild
fever and left scrotum
painful swelling for days



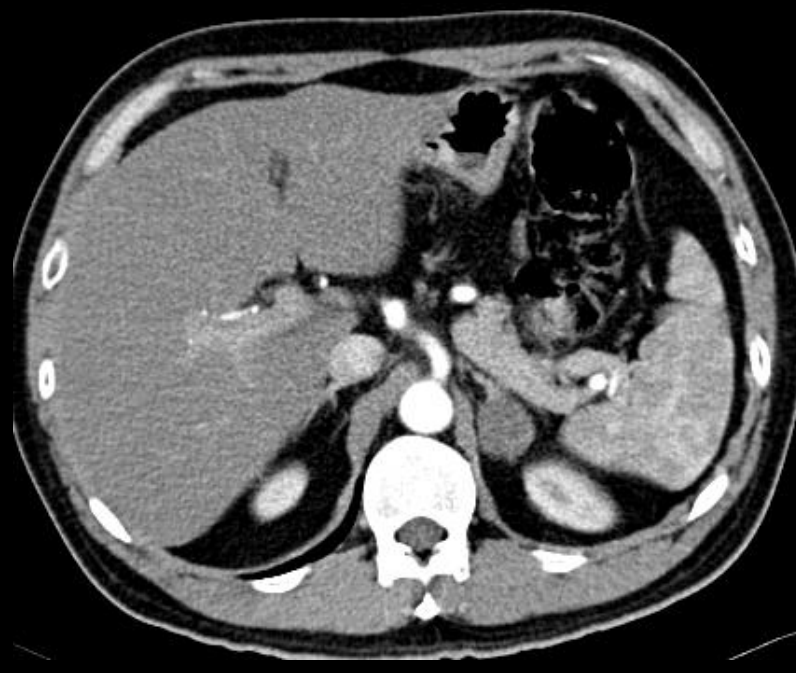
Q33-2

本題有 2 張投影片，第 2 張



ANS : left acute epididymitis

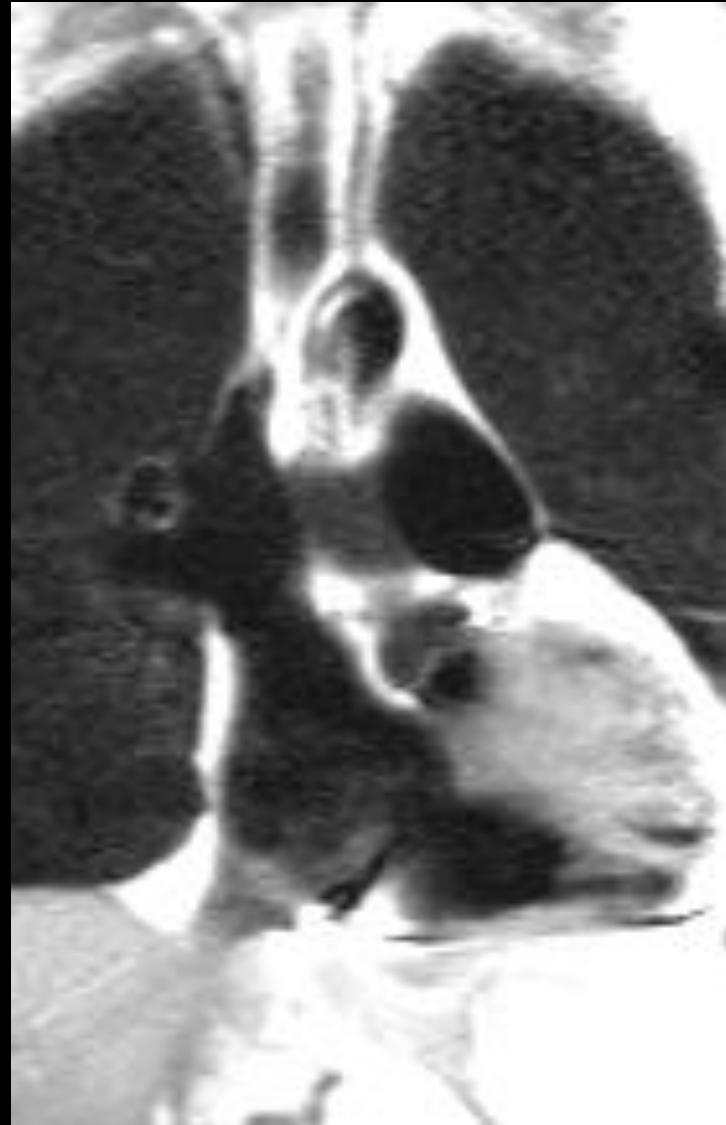
Q34



ANS : left adrenal adenoma

Q35

77Y/O female; DOE NYHA FC II

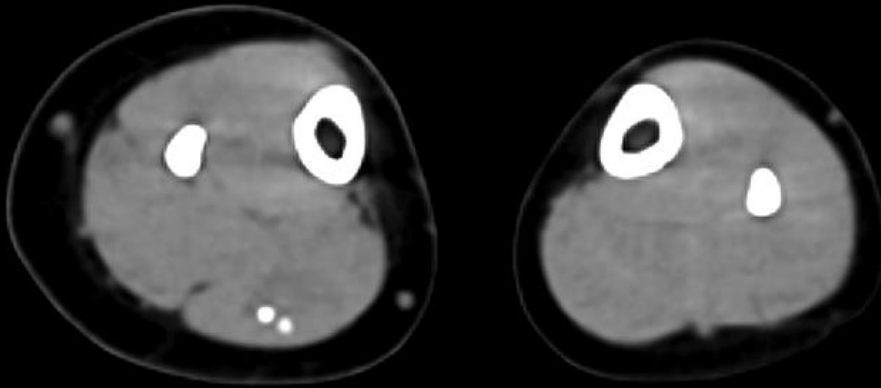


ANS : Partial Anomalous Pulmonary Venous Return

(Right superior pulmonary vein draining into
SVC)

Q36

5 Y/O girl, progressive
swelling of bilateral leg
since birth



ANS : Klippel-Trenaunay syndrome

Q37

58 Y/O male for health examination



ANS : Agenesis of RCA

Q38

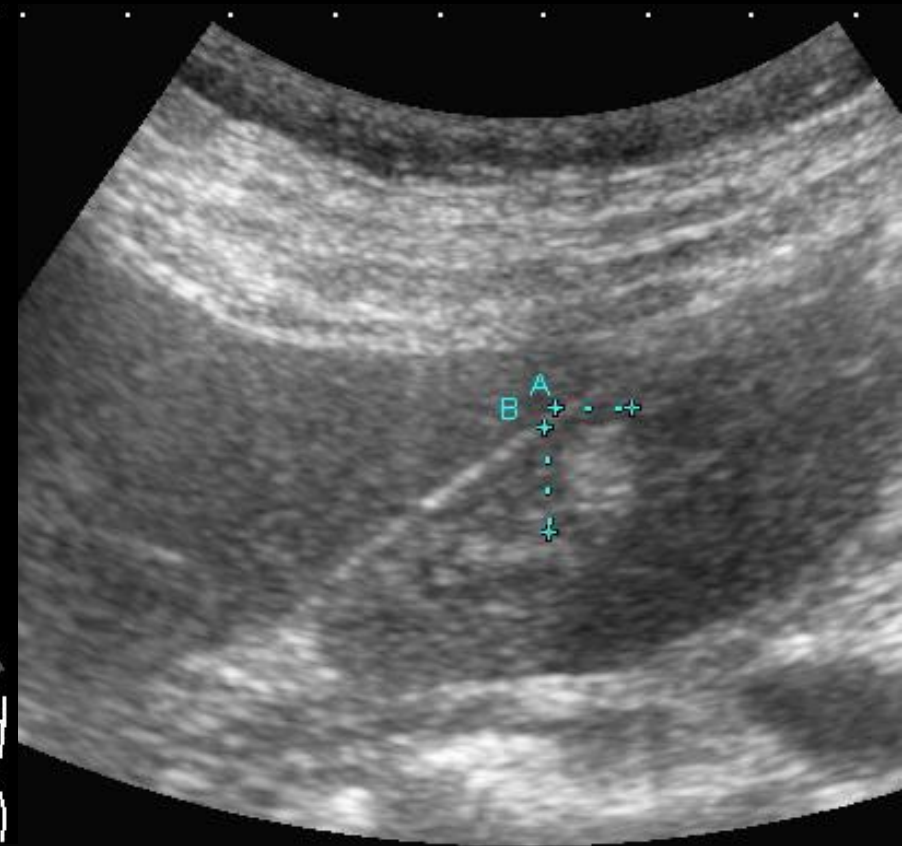
62 Y/O male presented with back pain and fever



ANS : Mycotic aneurysm

Q39

53 Y/O male, colon CA, status post OP



RK

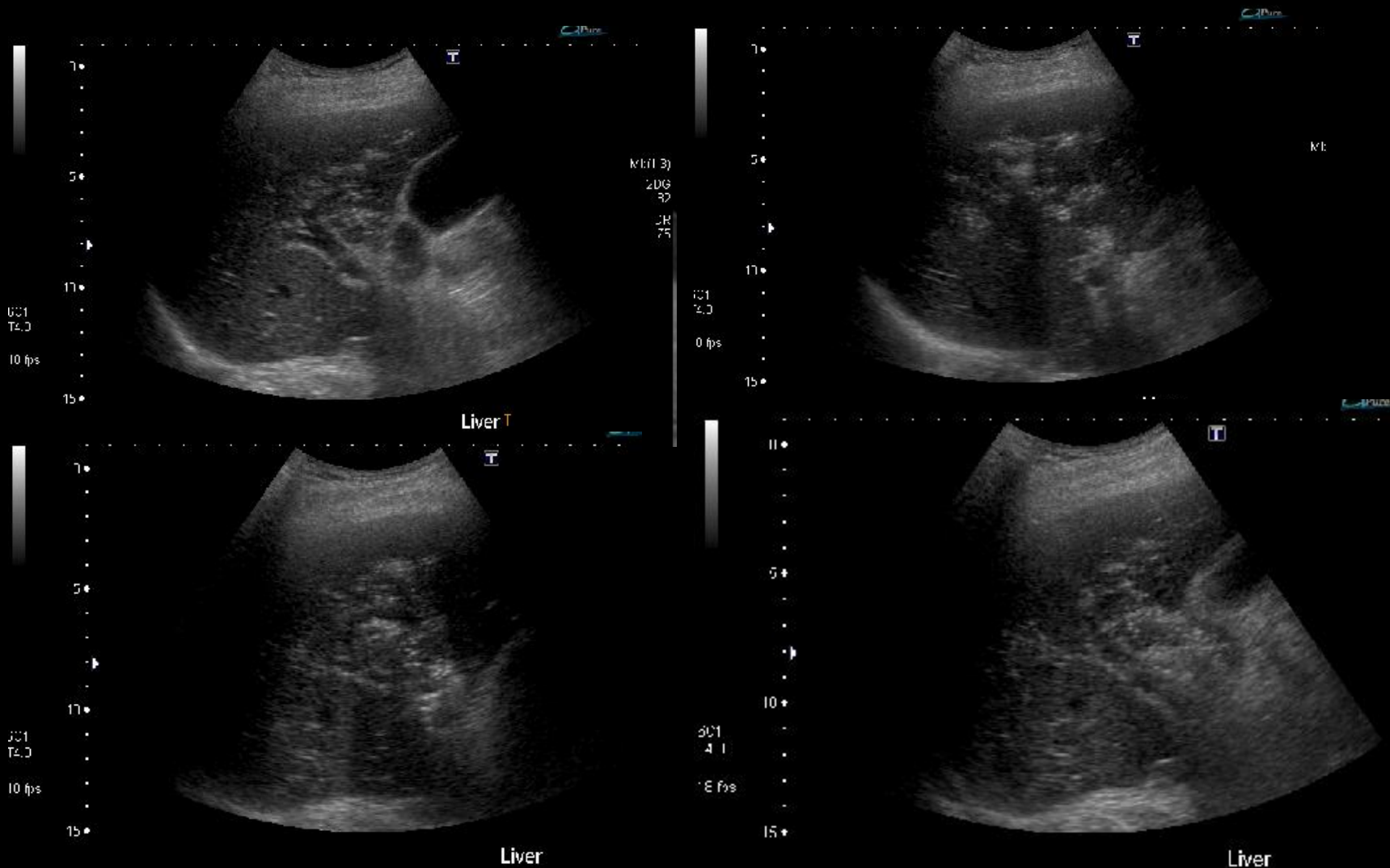
ANS : Angiomyolipoma,
right kidney



Q40

87y / o Male

Fever and abdominal pain

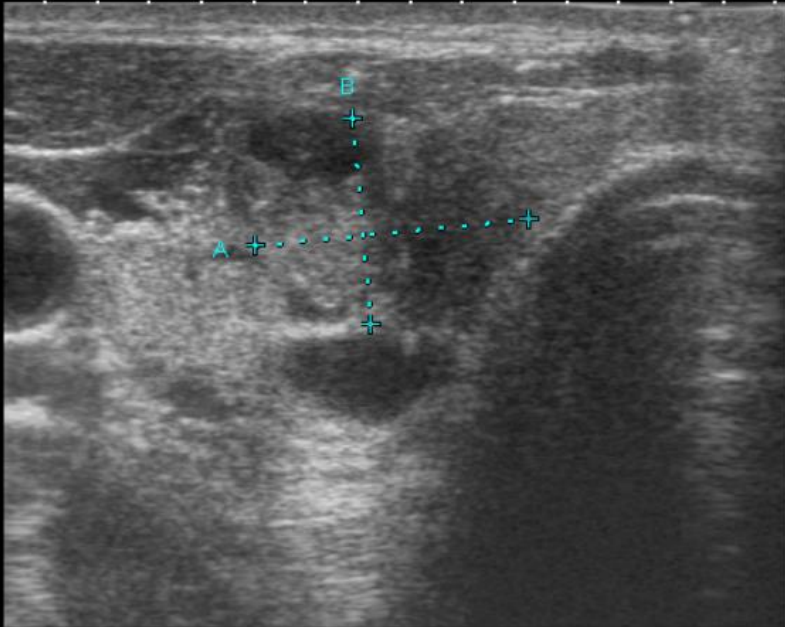


ANS : Portal vein gas (Ischemic bowel disease)

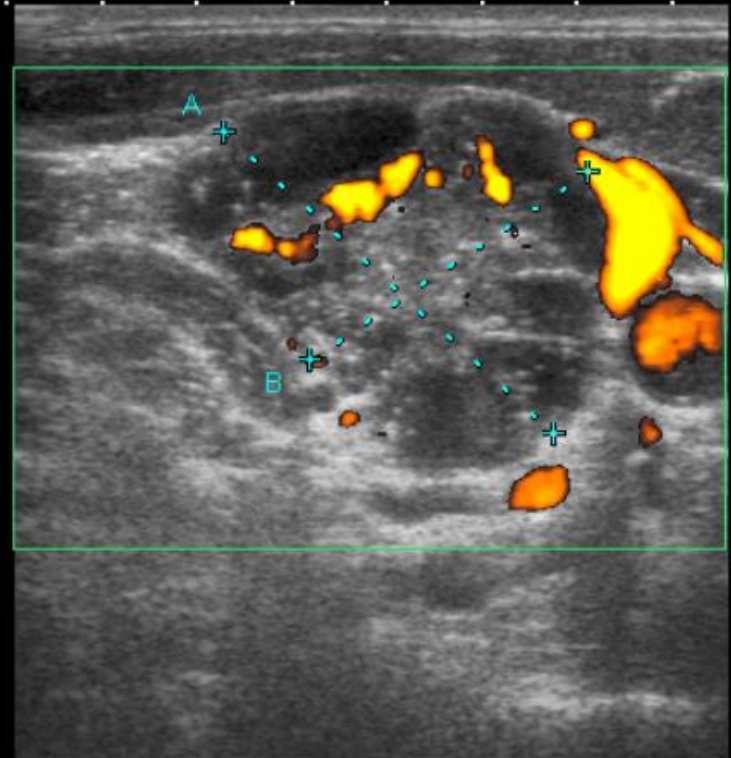


Q41

48 Y/O M, neck palpable mass



Right thyroid gland

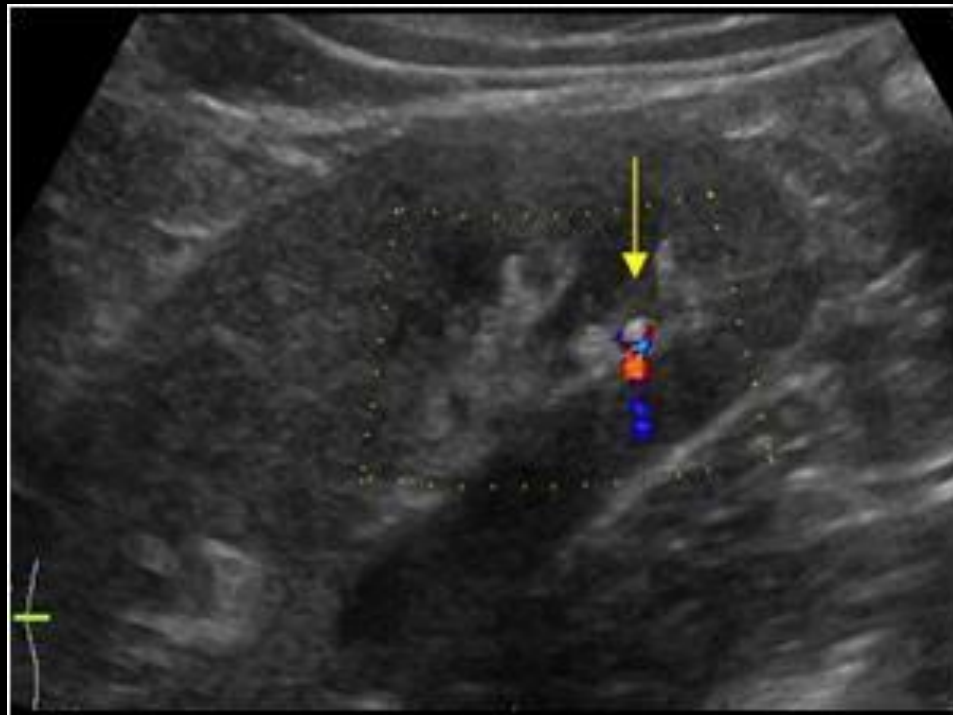
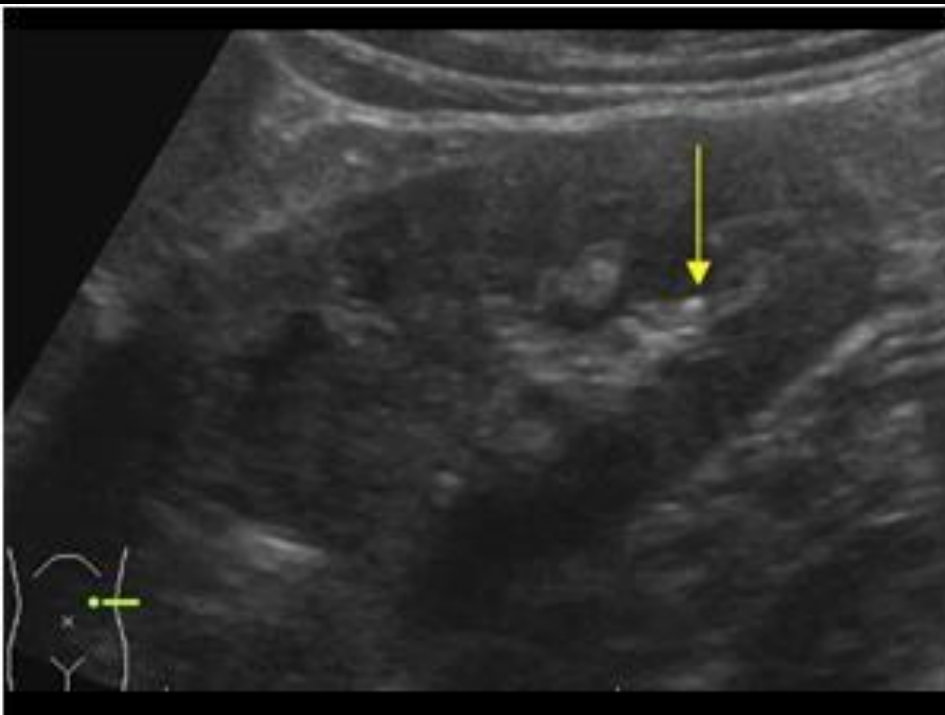


Right neck

ANS : Papillary thyroid cancer with neck lymph node metastasis

Q42

What is the name of this artifact?



ARROW : Renal stone

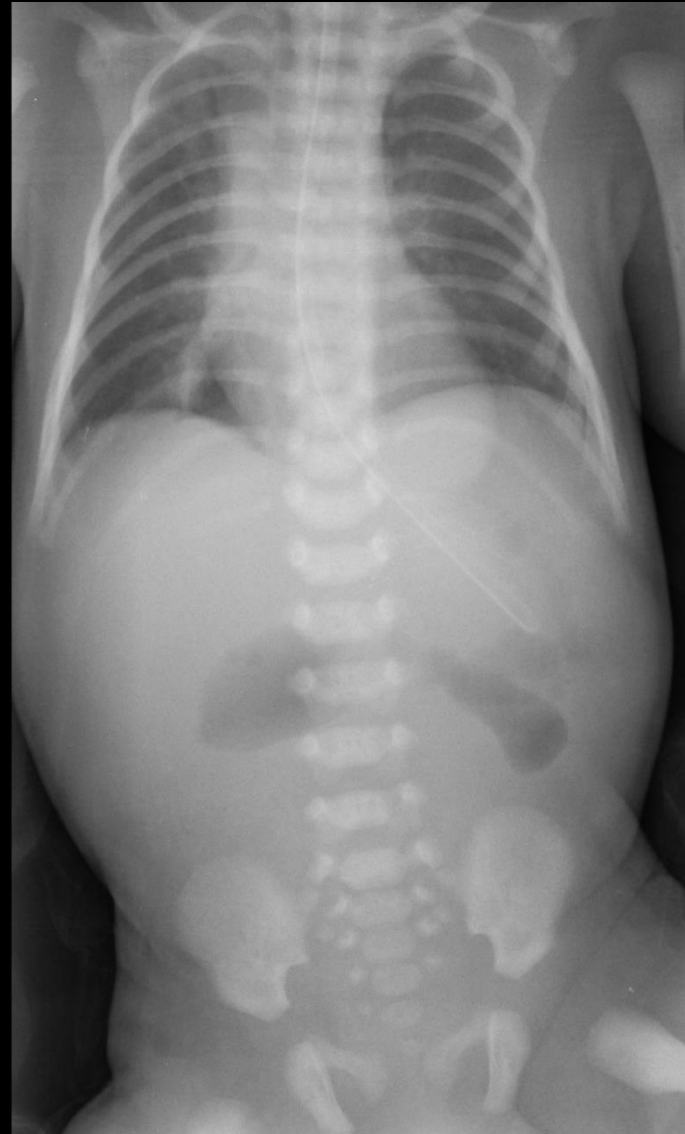
ANS : Twinkle artifact

Q43

Newborn



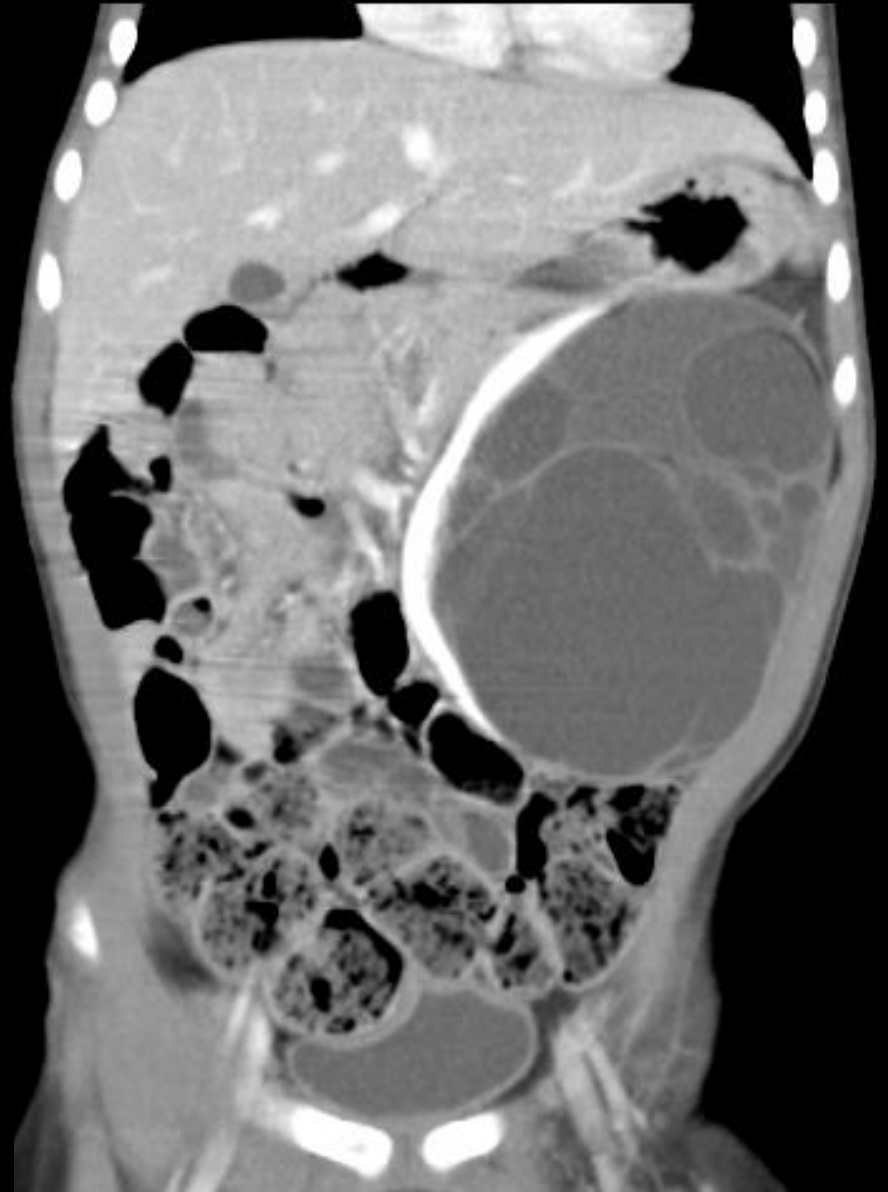
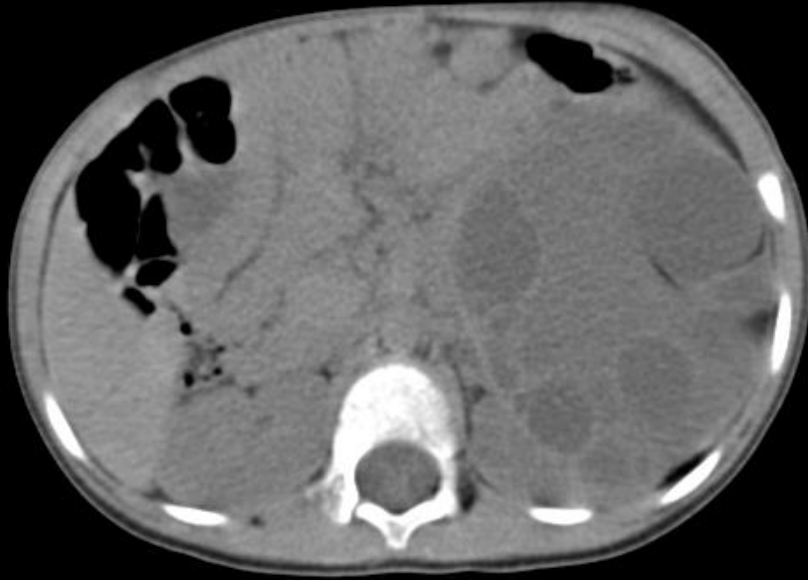
X ray obtain at birth



X ray obtain at 10 hours after birth

ANS : jejunal atresia

Q44 2 Y/O male; palpable abdominal mass.



ANS : Multilocular cystic nephroma.

Q45

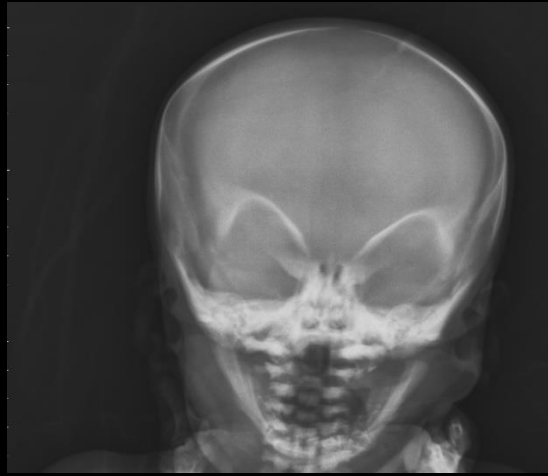
What's the congenital anomaly?



ANS : Achondroplasia

Q46

What's the congenital anomaly?



ANS : Osteopetrosis

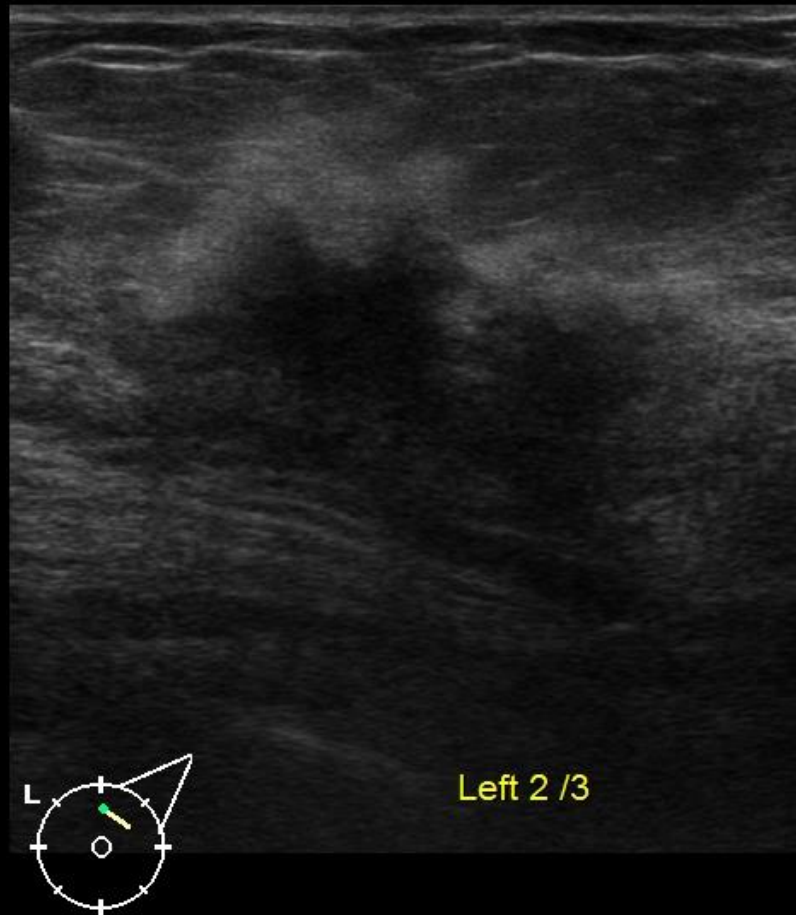
Q47

性別：female

年齡：43

主訴或重要病史或物理檢查：left breast lump

請問診斷為何？BI-RADS是何？



ANS : Breast CA,
DCIS
BIRADS 4 or 5

Q48-1

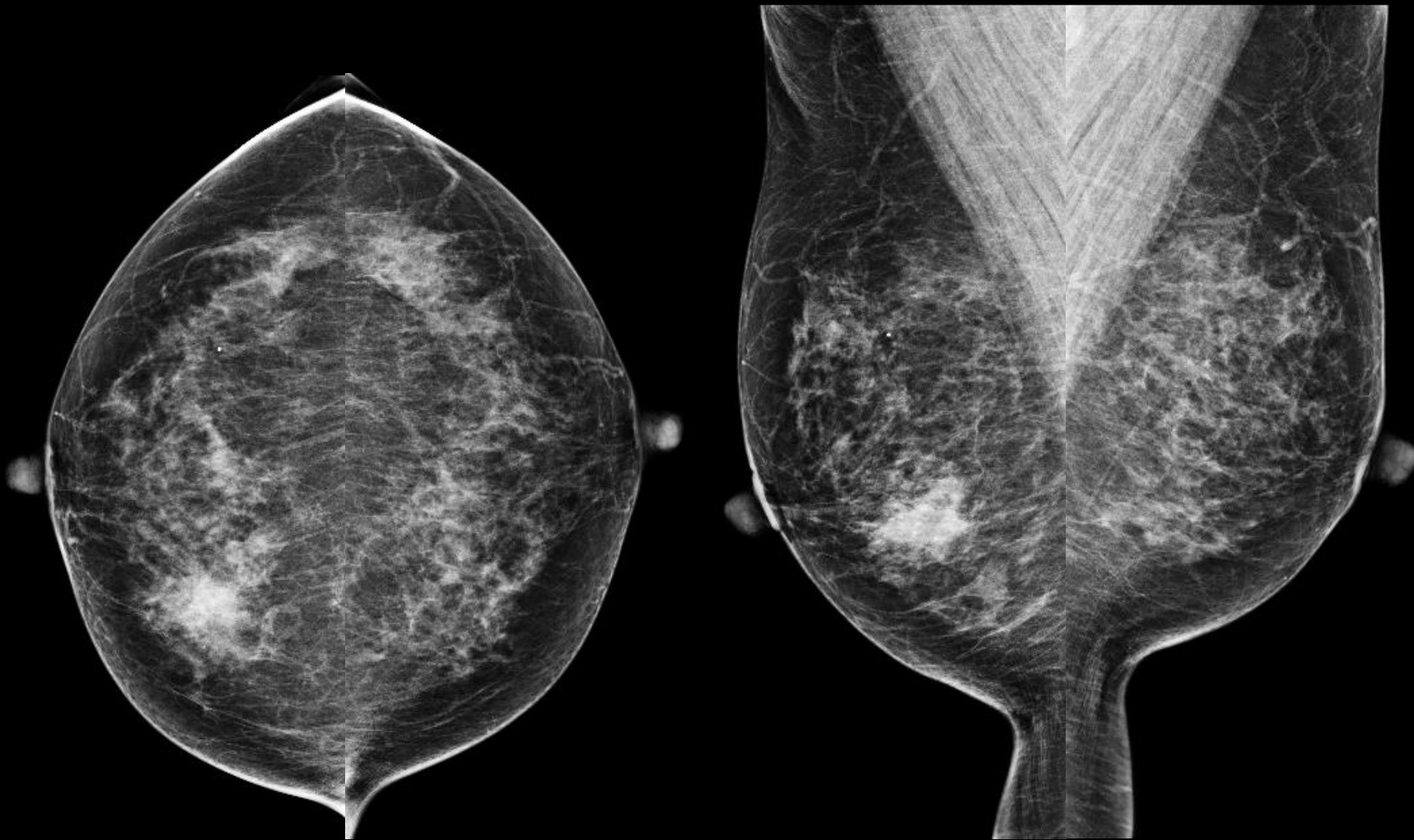
性別：female

年齡：57

主訴或重要病史或物理檢查：Screening mammogram

請問診斷為何？BI-RADS是何？

本題有 2 張投影片，第 1 張



Q48-2

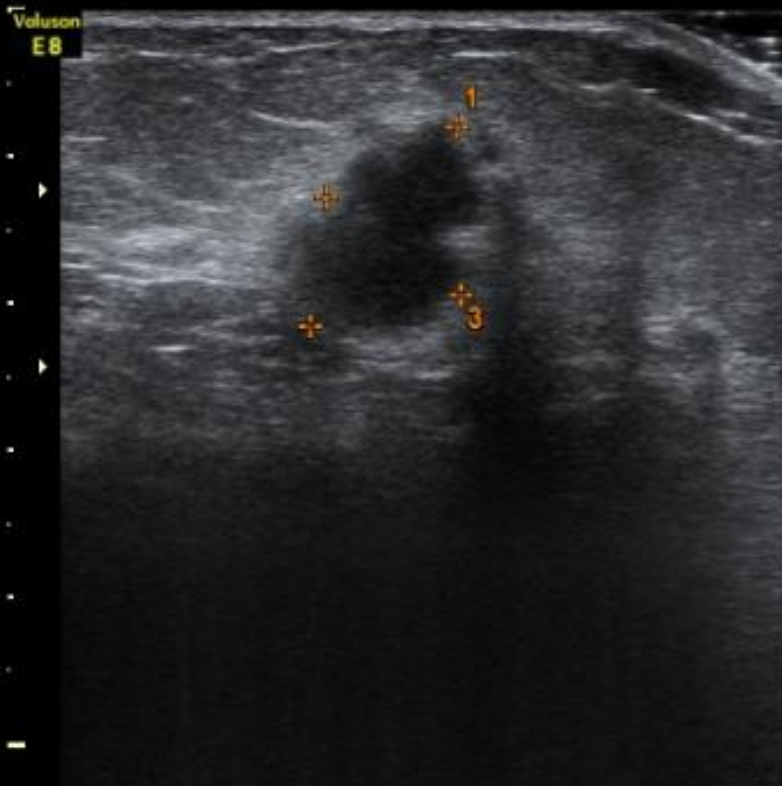
性別：female

年齡：57

主訴或重要病史或物理檢查：Screening mammogram

請問診斷為何？BI-RADS是何？

本題有 2 張投影片，第 2 張

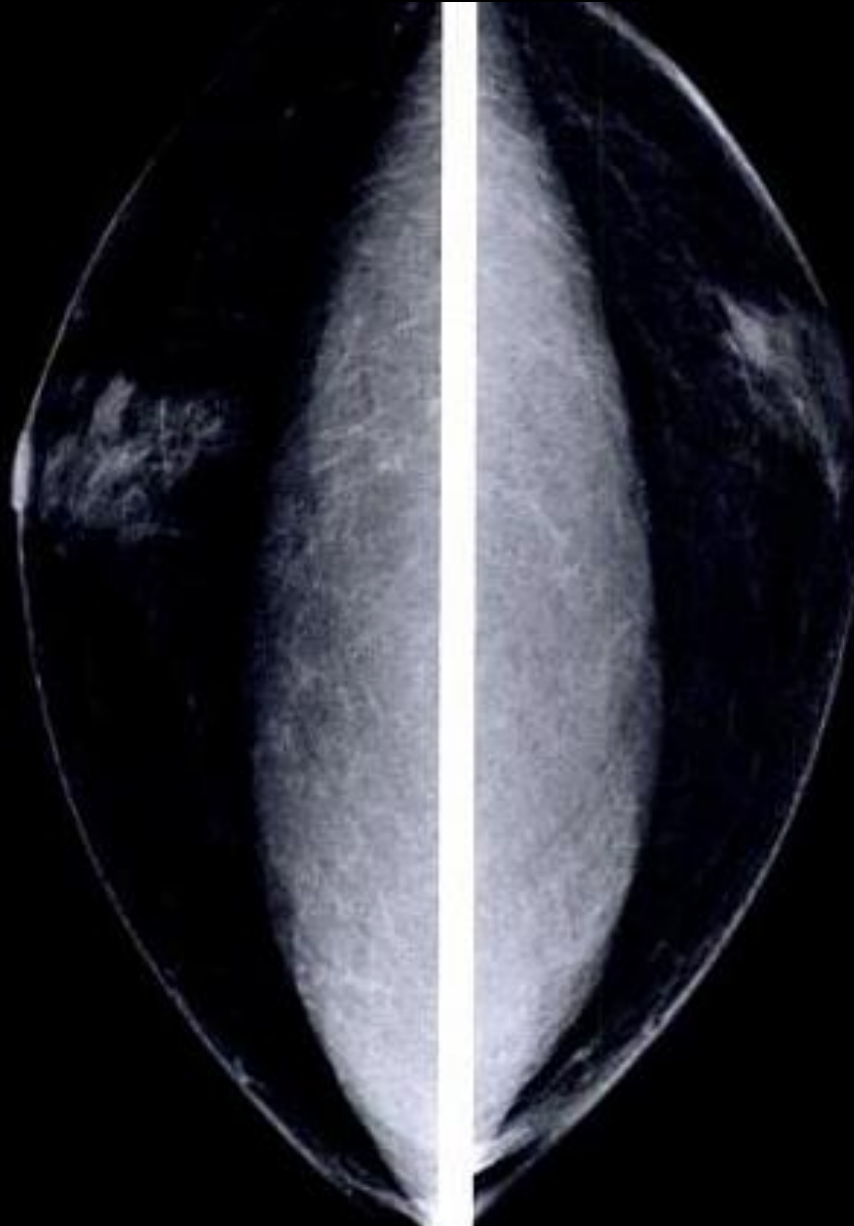


1	D 1.69cm
2	D 1.73cm
3	D 1.14cm

ANS : Rt breast CA,
Invasive ductal carcinoma
BIRADS 4 or 5

Q49

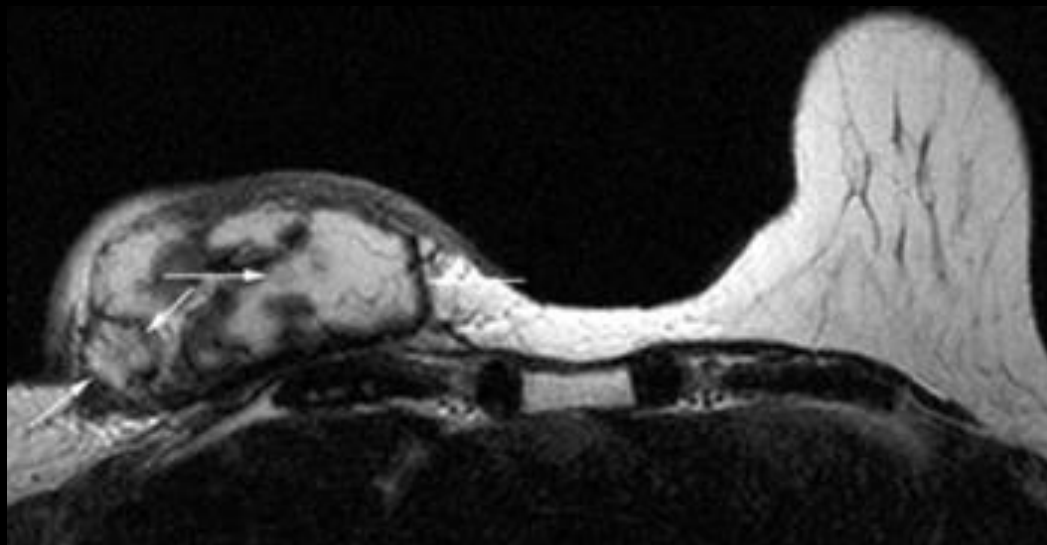
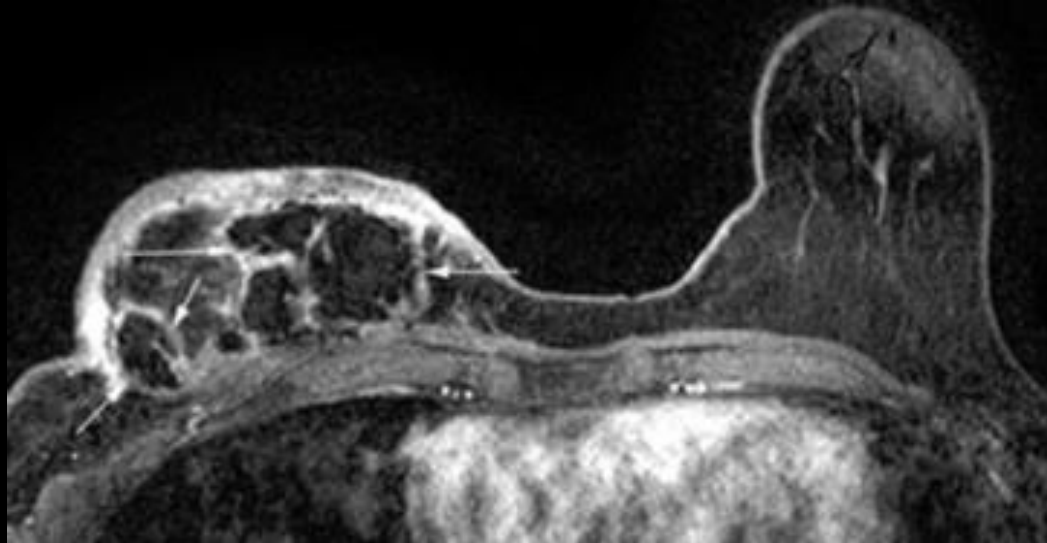
48 Y/O male, bil. breast pain and palpable masses



ANS : gynecomastia

Q50

53 Y/O female, S/P right DIEP reconstruction, with right palpable lump



ANS : fat necrosis