

جَائِزَةُ الْحُسَيْنِ
بْنِ عَبْدِ اللَّهِ الثَّانِي
لِلْعَمَلِ التَّطَوُّعِيِّ

AL HUSSEIN BIN ABDULLAH II
AWARD FOR VOLUNTARY WORK



النادي الطبي
Medical Club



Radiology

Subject: GU CASES (Dr.Shatha)

Group no: D11

Done by: Hala Yaseen



هَذَا خَلْفَ اللَّهِ فَأَرْوِيهِ مَاذَا خَلْفَ الدِّينِ مِنْ دُونِهِ بَلِ الظَّالِمُونَ فِي ضَلَالٍ مُبِينٍ

genito-urinary cases

Dr. Shatha Tarawneh
MD, JBR.

IvU Study

Case 1



→
Upper pole

↓
Lower pole

↓
CT scan

fused



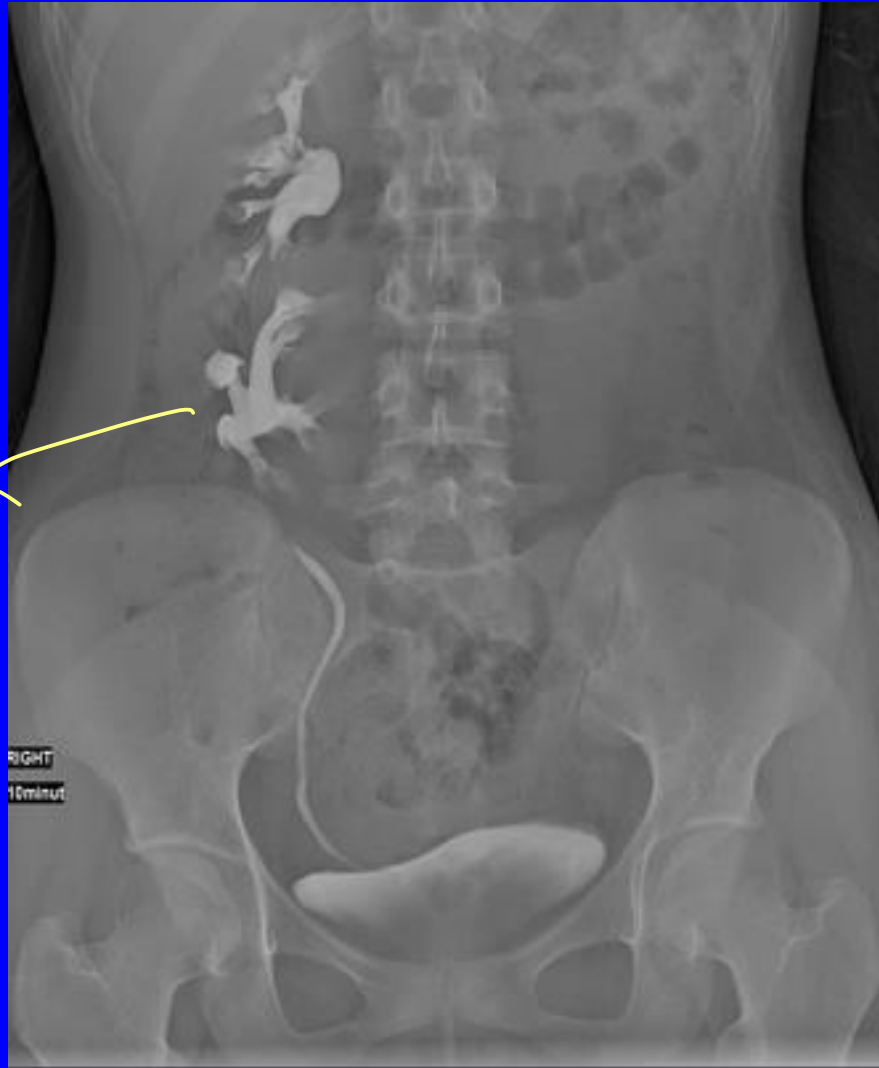
Horse shoe kidneys

- * Both kidney attached ✓
- * Congenital anomalies ✓

IVC
study

Case 2

& ectopic
& crossed
& fused



otherside of midline

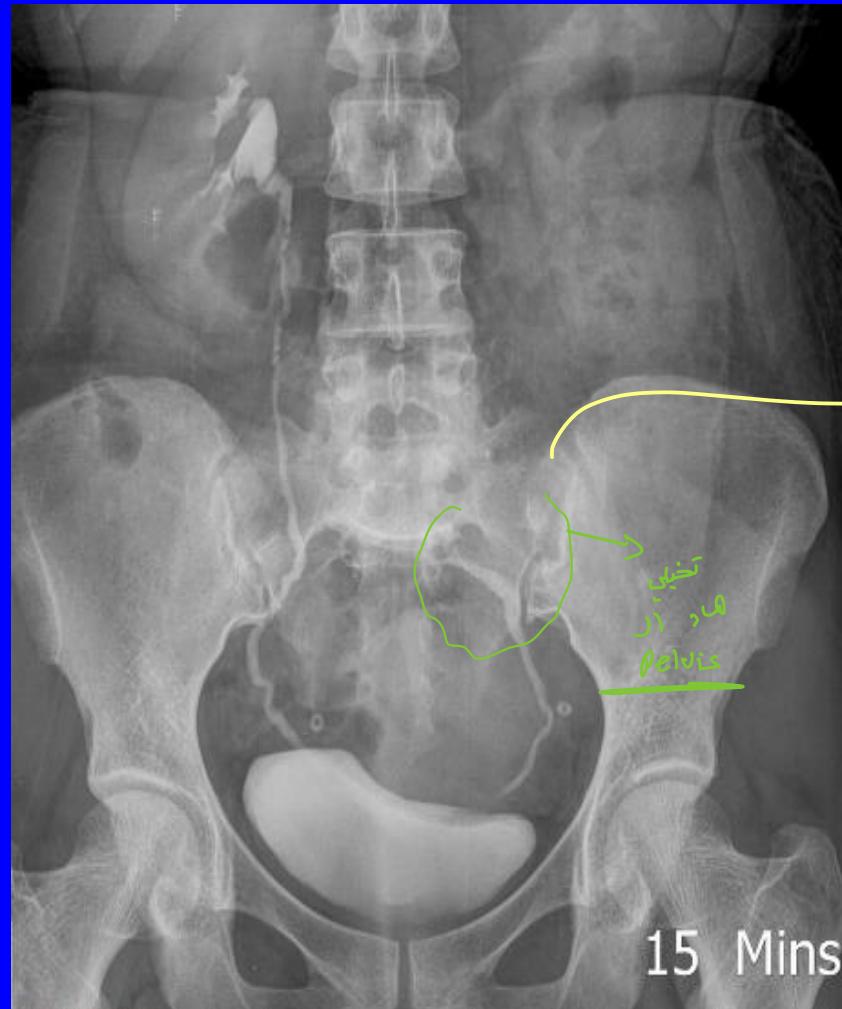
سے ابی خوقیہا

غیر کا تھا

Crossed fused ectopic
left kidney

Ivul

Case 3



★ ectopic kidney

★ Crossed fused
Same side of
midline

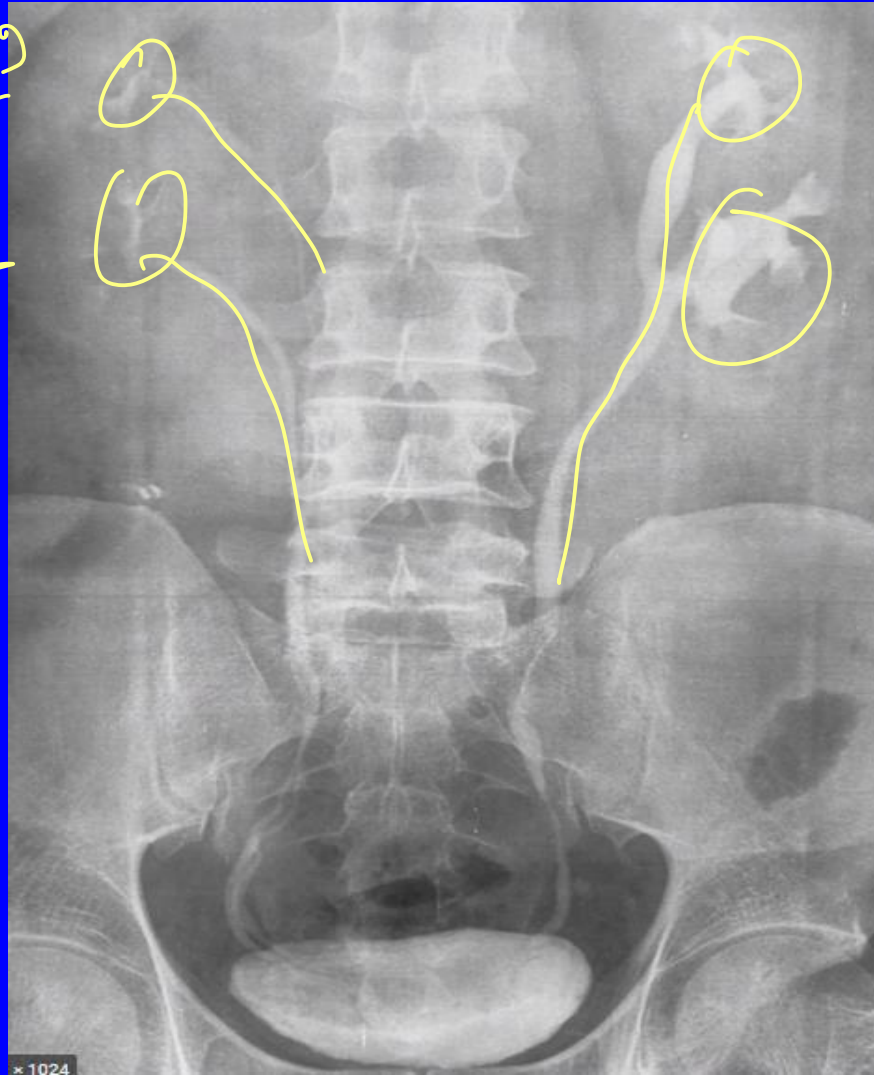
Ectopic pelvic left
kidney

Ivce

Case 4

* Double ✓

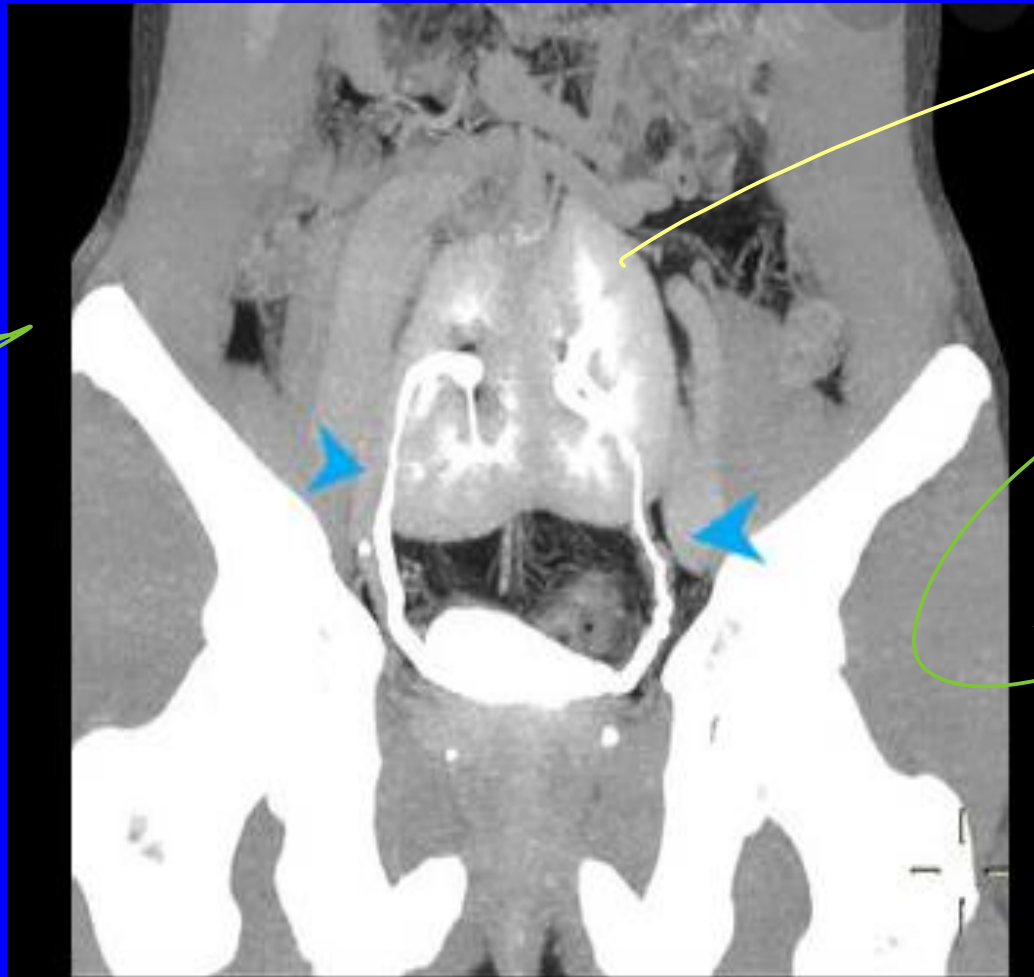
2 Collecting
2 Ureters ✓
Lb



2 collecting
systems
one ✓
ureter
Lt

Bilateral duplex kidney

Case 5



بالکیر

ال Pelvis
مع ابی مع
بجی

Fixed
to each
other

2 pelvic

Pancake kidney



Case 6

IVU



RL kidney

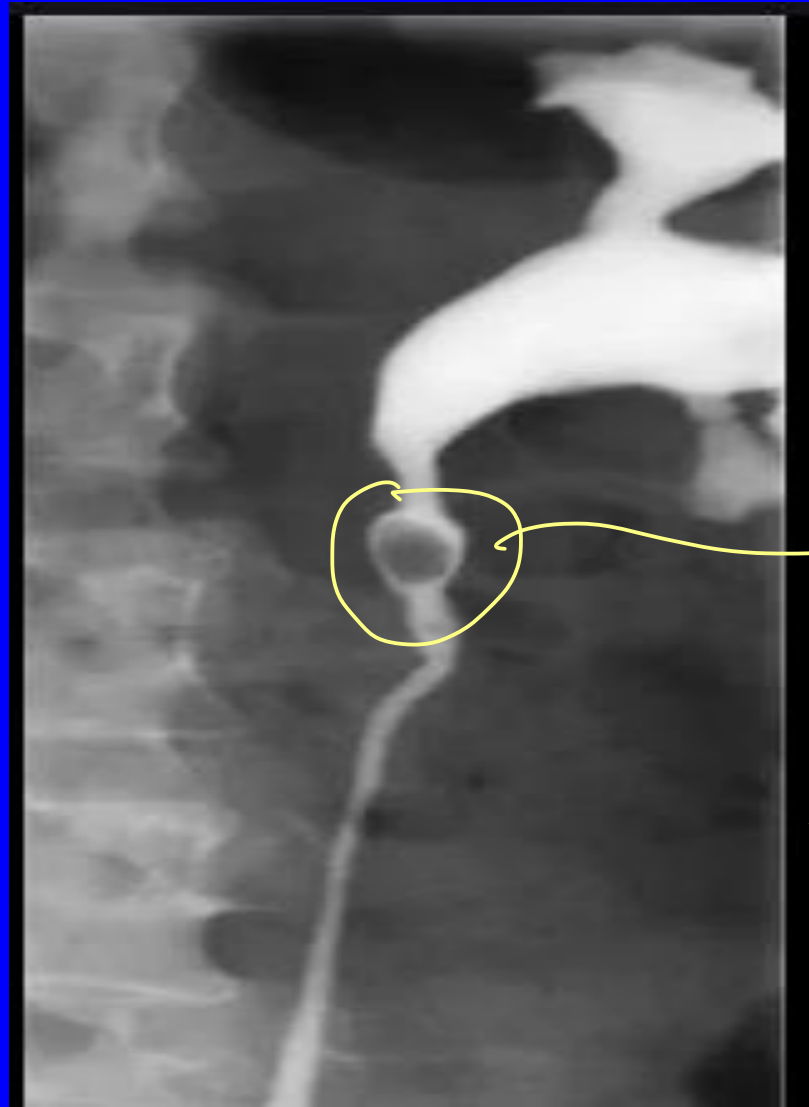
severe
dilatation

obstruction
at this
level

Pelviureteric junction obstruction

Case 7

IVU



→ filling defect

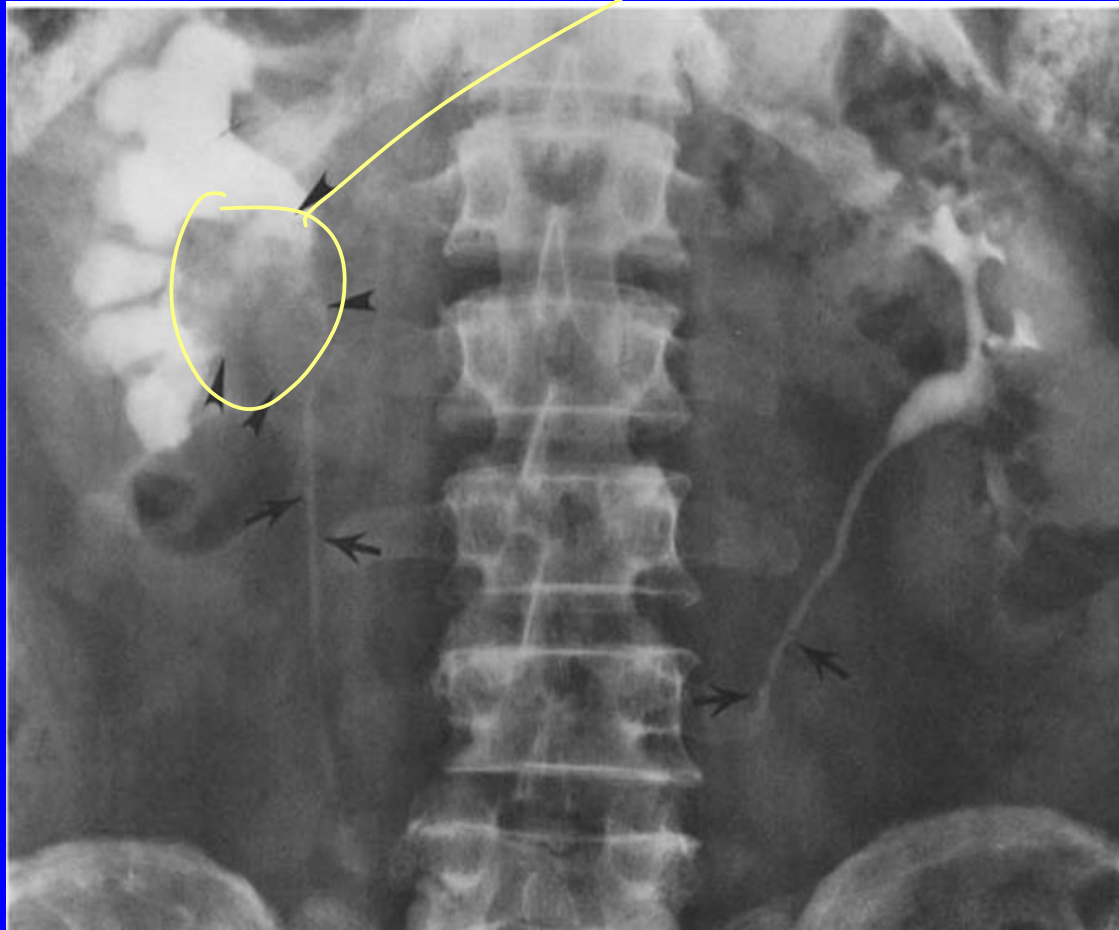
- Smooth outline
- Partial obstruction

stone 1.5

Hydronephrosis secondary
to ureteric stone

Case 8

irregular
filling defect
large



Transitional
cell
carcinoma

Transitional cell carcinoma renal pelvis

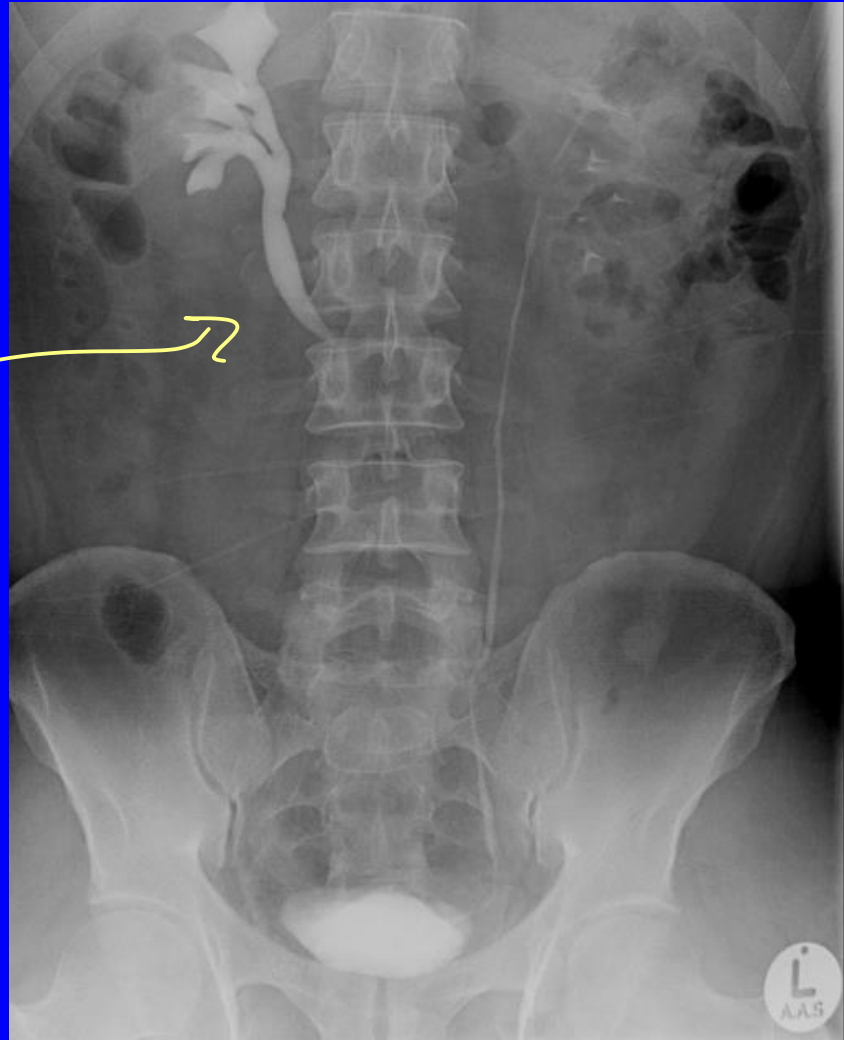
* mcc of cancer in collecting system.

↳ Renal pelvis, ureter

* in renal parenchyma → RCC most common

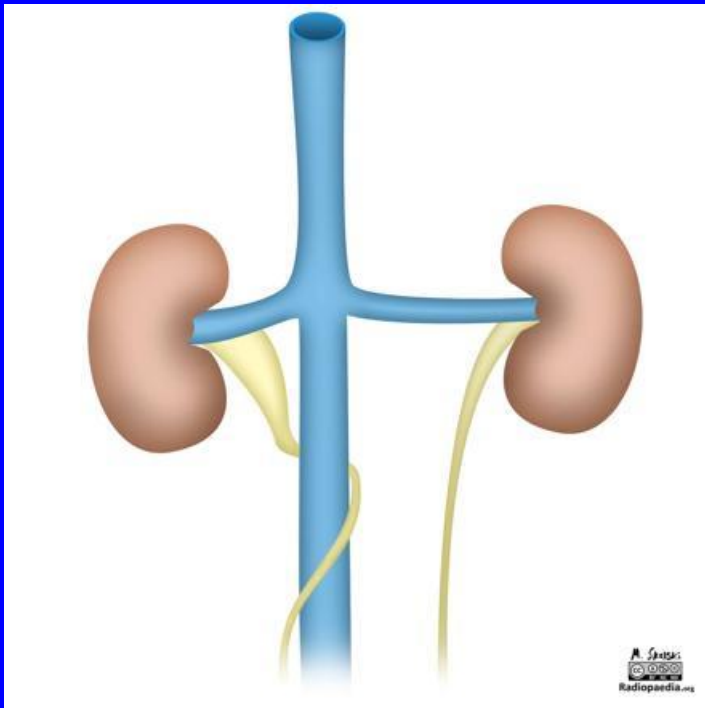
Case 9

IVU



ال Ureter هو
لفه حدين
ال IVC

* Circumcaval ureter



CT - ureography, coronal

Cut
from IVC
Study

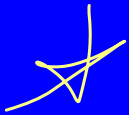
Case 10



* nephrostomy
to relieve severe
obstruction

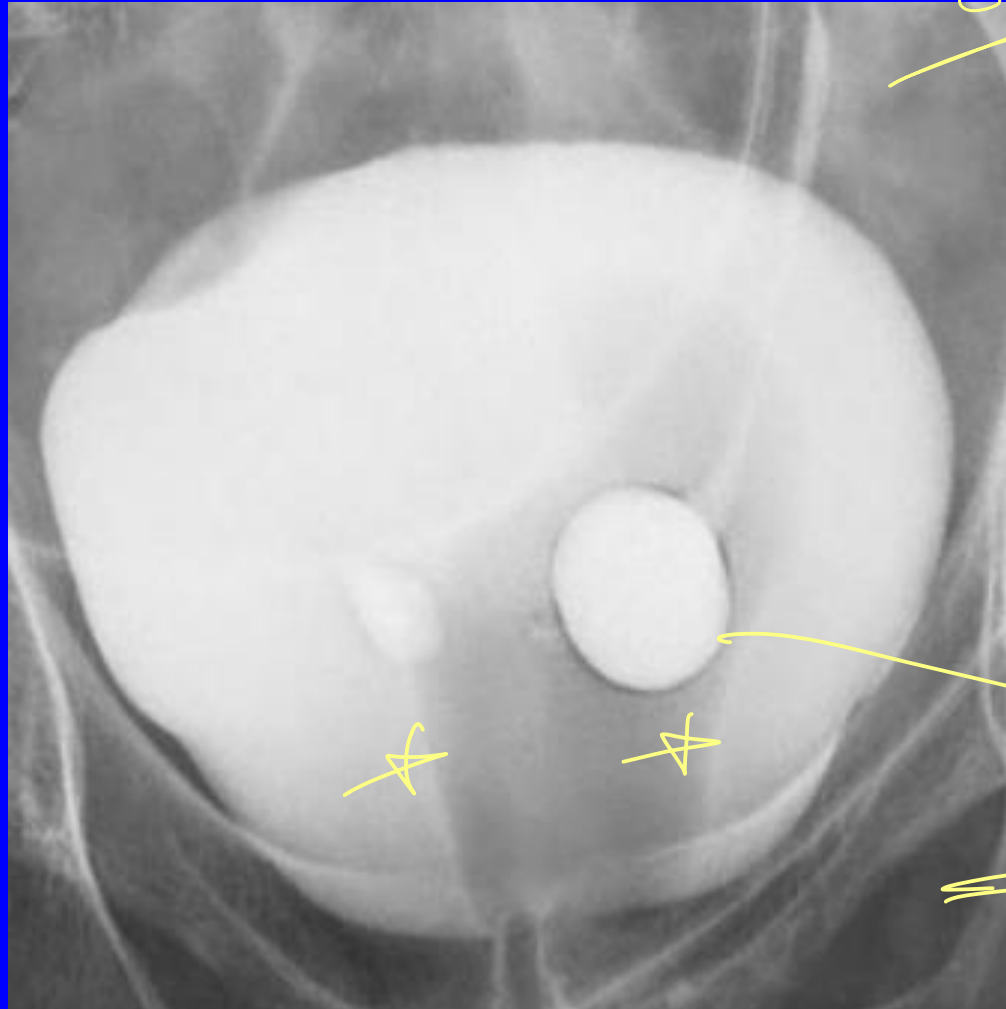
multiple
filling
defect
in ureter
abnormal
cyst,

Ureteritis cystica



Case 11

focused DB
of IVD
cut



Ballooning

Bilateral ureterocele

+ Weakness of arterial wall

aneurysm also can be

+ Duplex kidney, with other anomalies
in association with it

Case 12

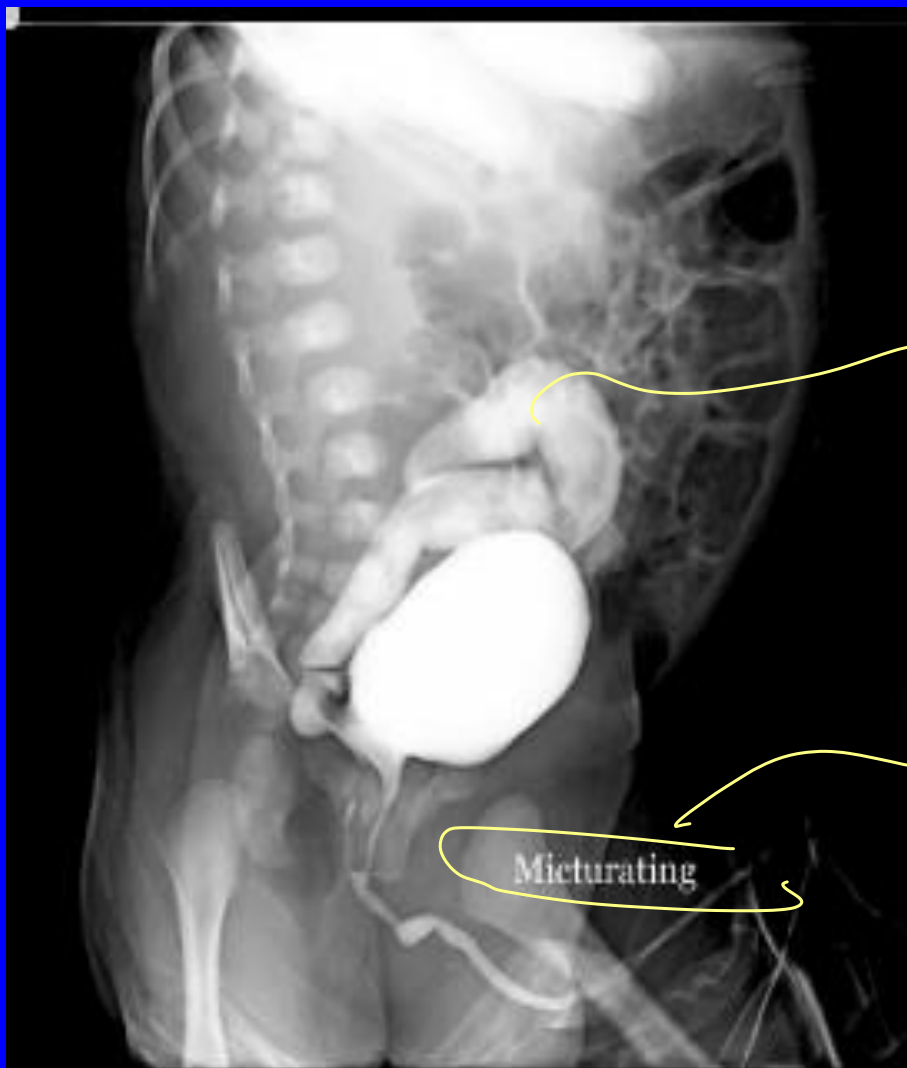
CT with
contrast
Axial



polycystic kidney
disease

MCUG

Case 13



Contrast is in
bowel in
distal sigmoid

Part of
bowel

Micturating

Ask pt.
to void
on the table
to image during
micturition

Colo-vesical fistula



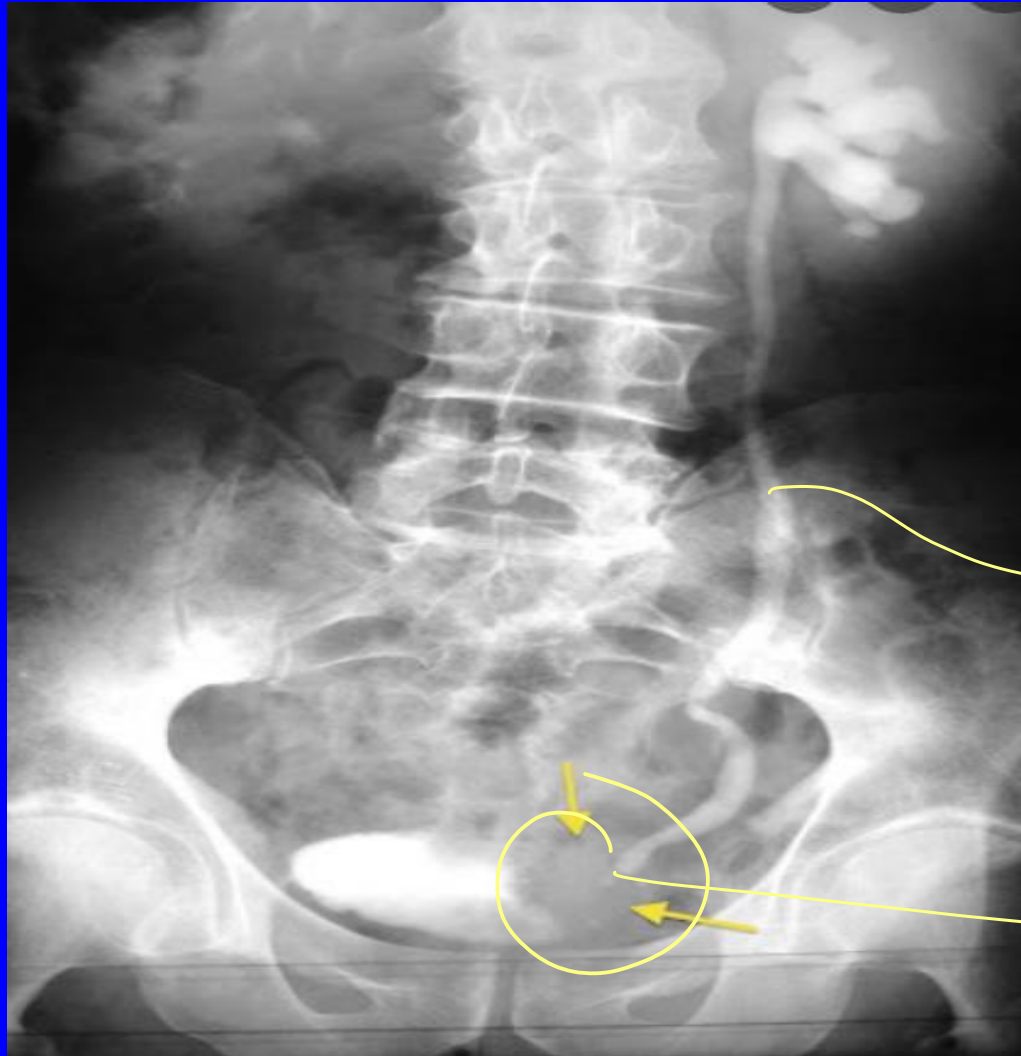
Case 14

Female
MCUG



Vesico-vaginal fistula

Case 15



* mild
dilatation
of ureter

* filling defect
lesion

Urinary bladder

carcinoma¹

mcc

Transitional cell carcinoma

Case 16

لا هون
13
صندوق / كاز
صندوق



✧ Benign prostatic
hyperplasia

Case 17

IVU ✓



→ renal medulla
has contrast

از kidney زي اينجه
فيميه از Contrast
من از Calyces

Medullary sponge kidney

I.e. similar to sponge

at risk of nephrocalcinosis

Case 18

MCUG

active
reflux

urination

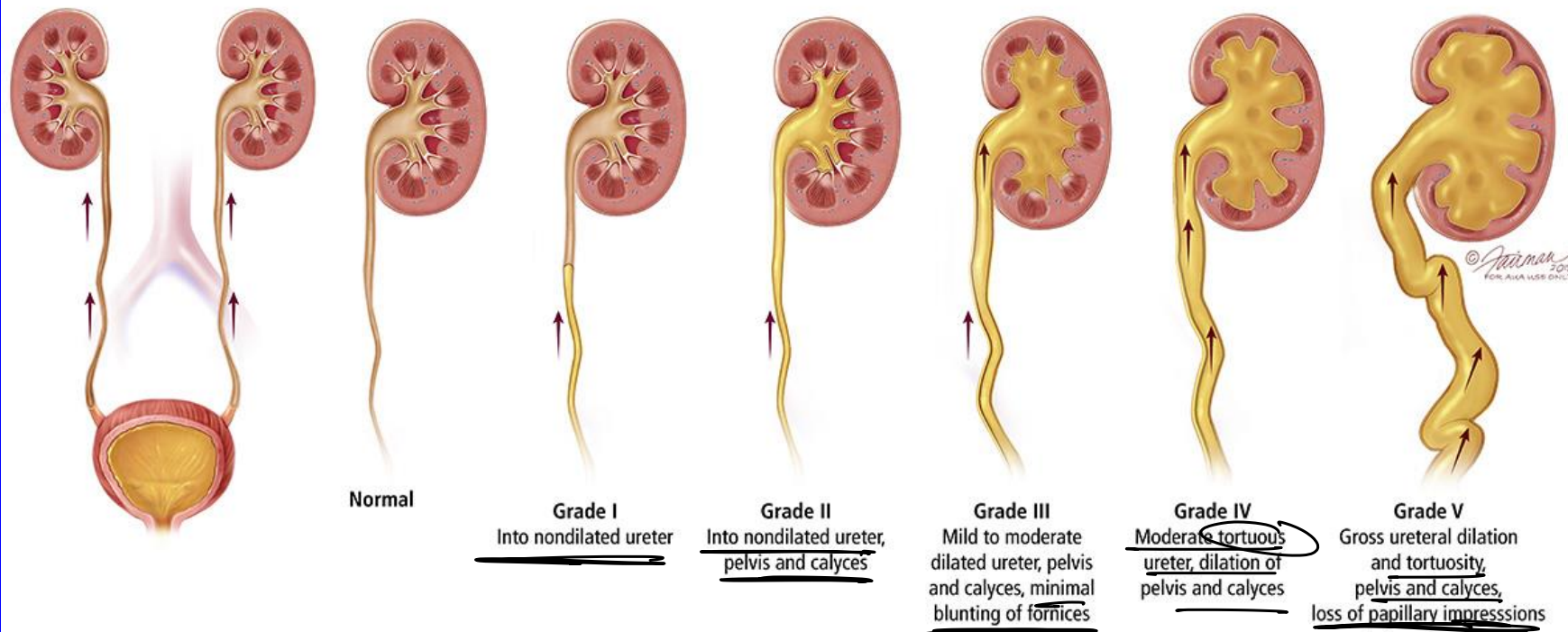
passive
reflux

urination

or mixed



✓
Bilateral grade V vesico-
ureteric reflux



tortuous

Case 19

urethrogram

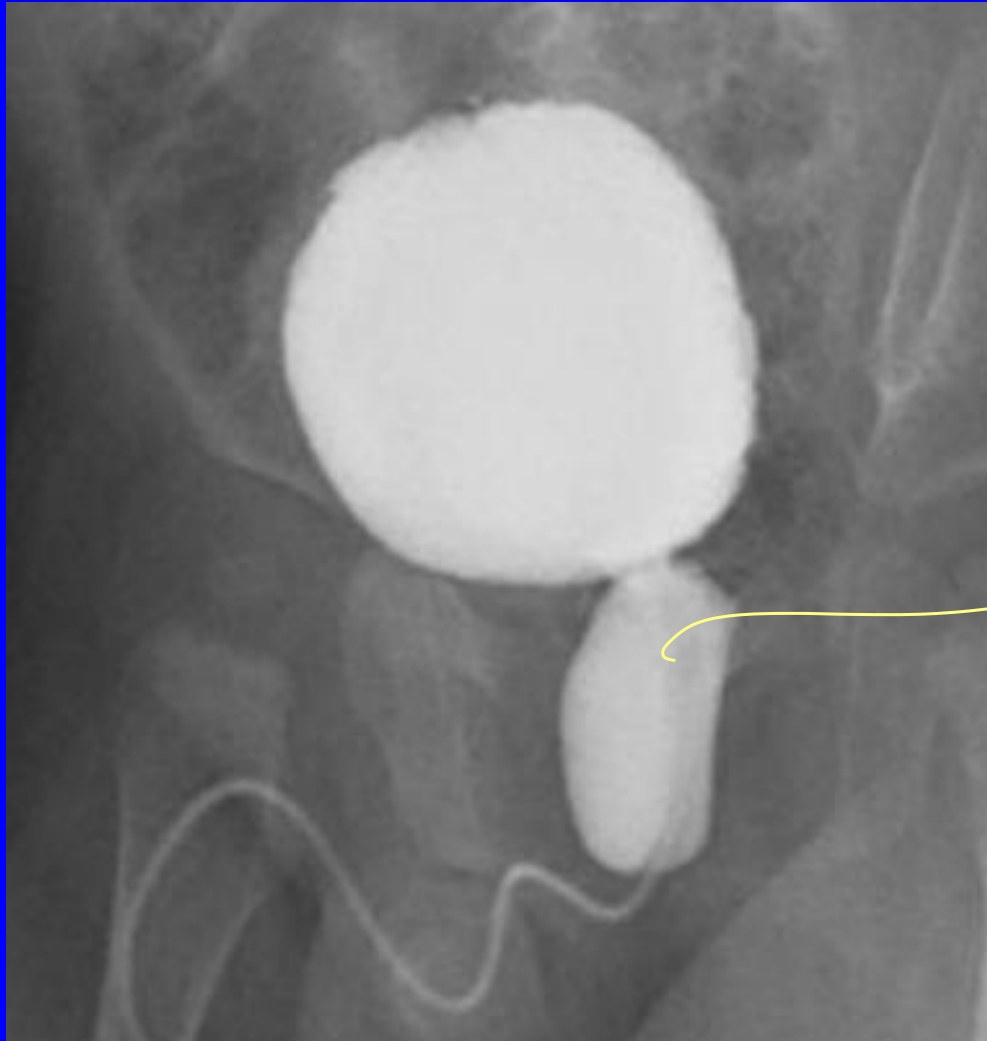


Urethral stricture



MCUG

Case 20



→
post
urethra

Posterior urethral valve

Posterior urethral valves (PUVs), also referred as congenital obstructing posterior urethral membranes: are the most common congenital obstructive lesion of the urethra and a common cause of obstructive uropathy in infancy.

Case 21



→
Filling defect

* Transitional cell carcinoma ureter

in collecting system

UB, pelvis, ureter

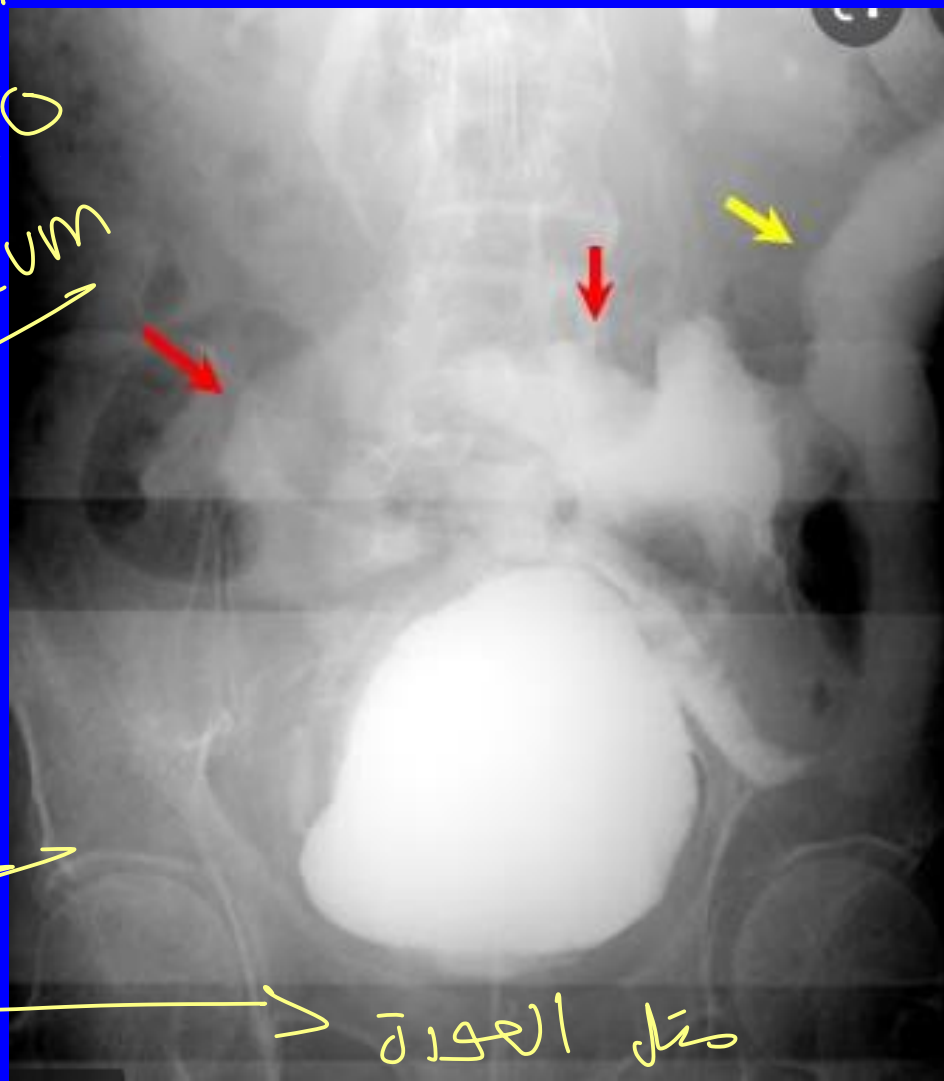
Tram
Rupture of
VB to
peritoneum

Case 22

Extra
peritoneum
↓

most
common

most
risky



→ محل الصدأ

Urinary bladder rupture

Intra

IVU

Case 23



Pelvic lipomatosis

Extra fat, pressure
ON UR

UR
صفوة طانة

→ BPH → زيت مدين

→ lipomatosis → من الجنتين + بالعلل

IVU

Case 24



obstruction
✓ Stone / mass

Ureteric stricture

MCUG

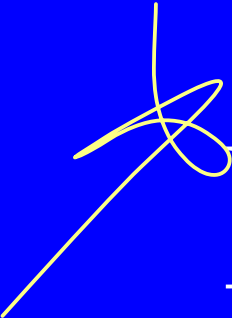
Case 25

☆ 25 ☆



☆
papillary
projection

Grade 5
☆ 25 ☆

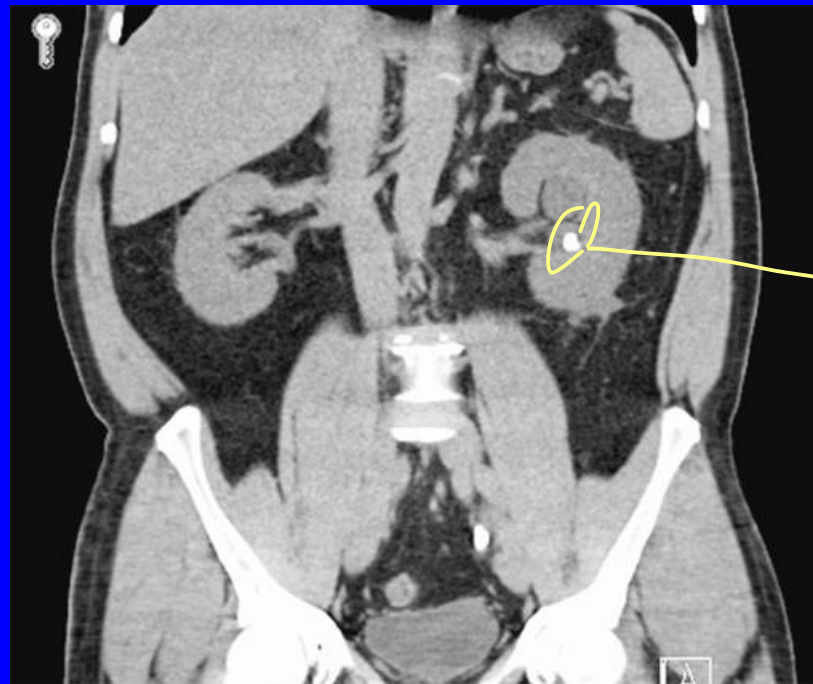


Mega ureter



Case 26

Coronal
CT



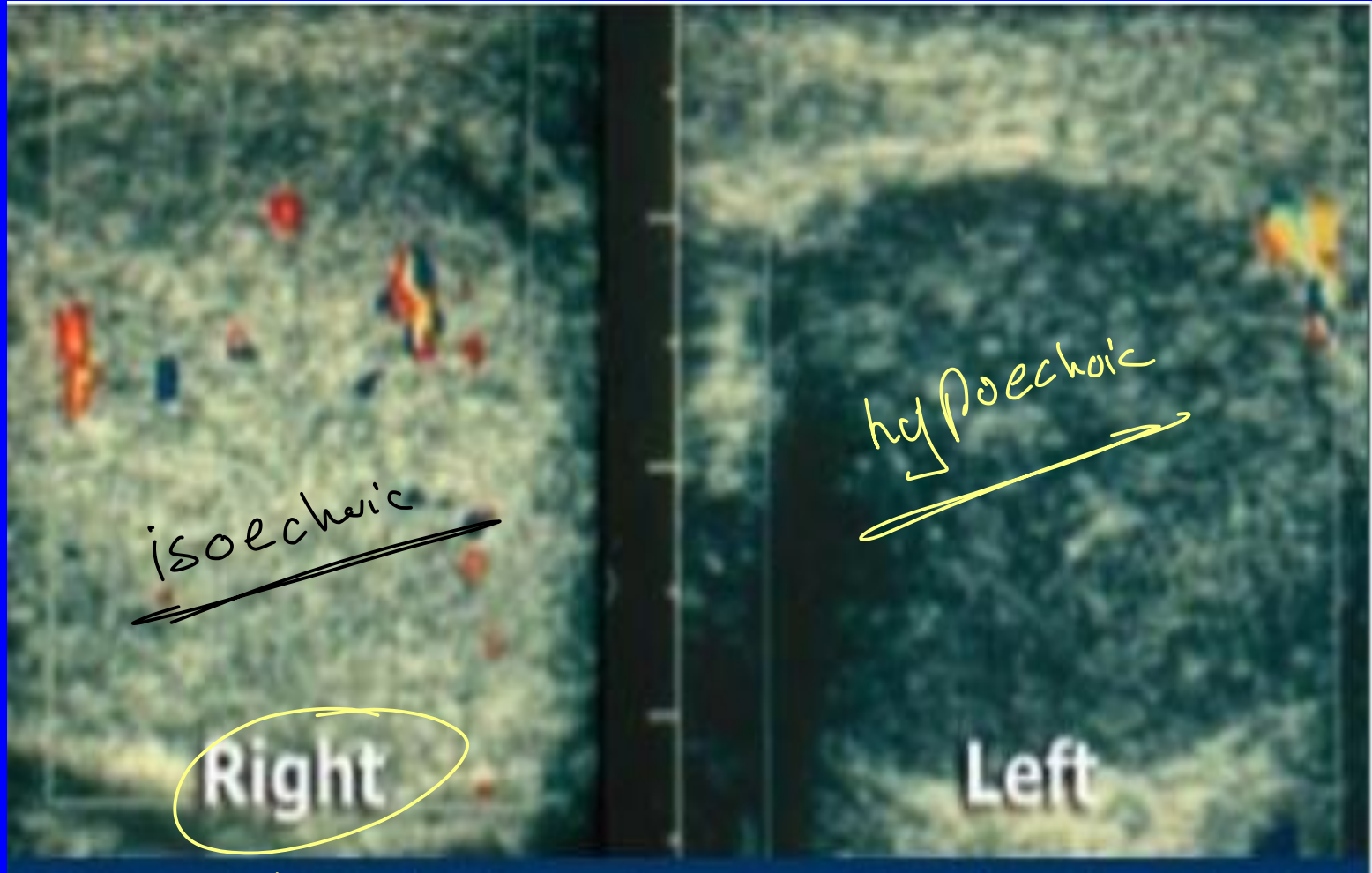
> Stane

Source: J.L. Jameson, A.S. Fauci, D.L. Kasper, S.L. Hauser, D.L. Longo, J. Loscalzo: Harrison's Principles of Internal Medicine, 20th Edition
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Renal stone

US

Case 27 (male)



vascular ✓

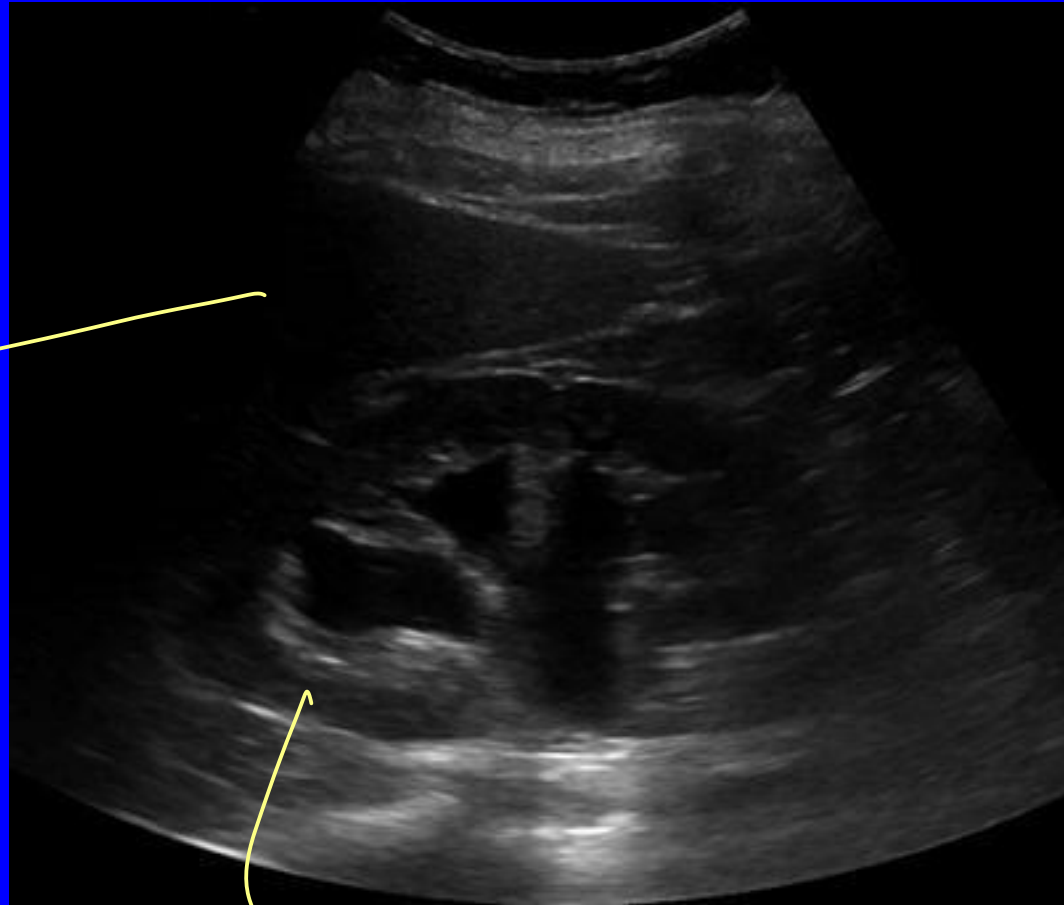
no vascular x

testicular torsion

Case 28

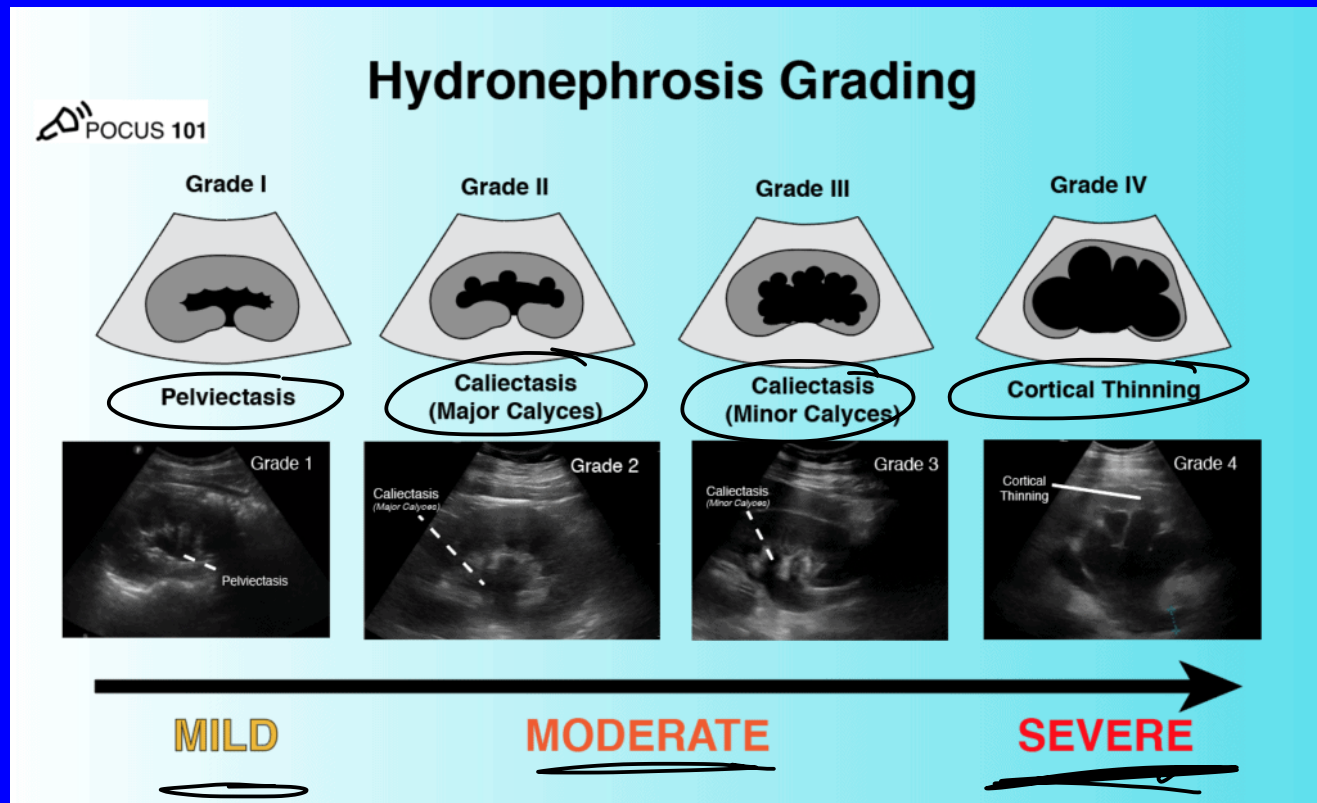
US

Liver



Finger like projection

hydronephrosis



case 29

CT + Contrast

Staghorn
stone



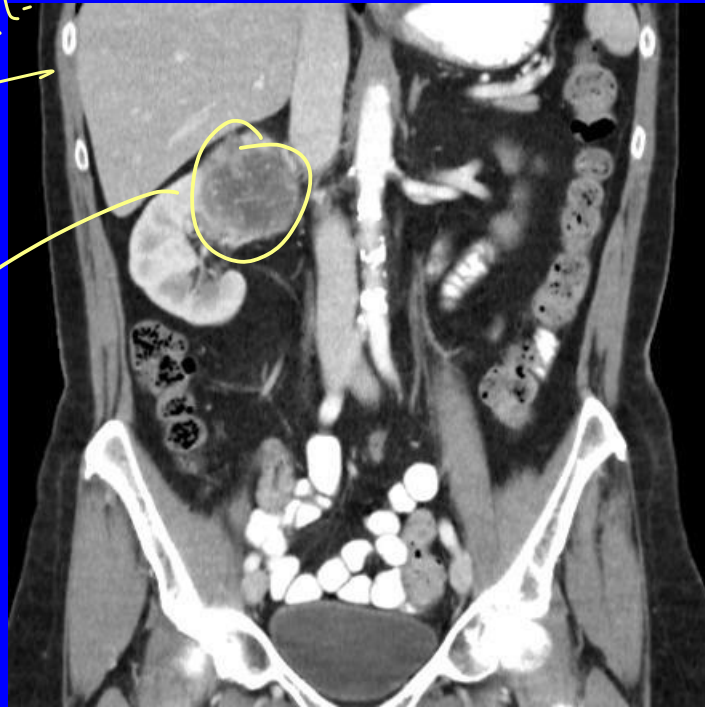
Bear paw sign in
xanthogranulomatous
pyelonephritis

histo

nephrectomy tk. irreversible

case 30

coronal CT
scan
with contrast



Soft tissue
lesion →
enhancement

Renal cell carcinoma

Thank you