



KARNATAKA RADIOLOGY EDUCATION PROGRAM

CASE PRESENTATION

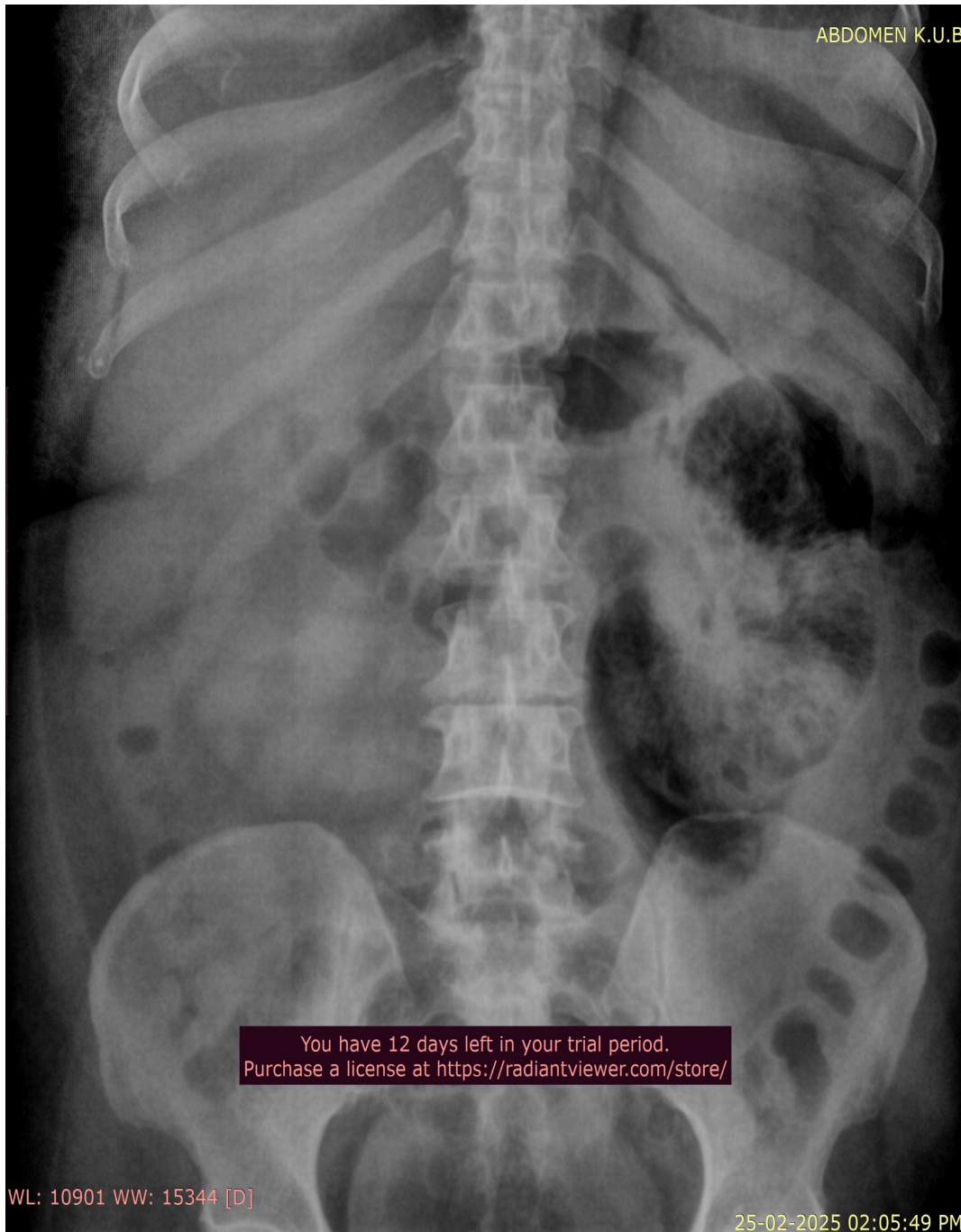
**MODERATOR: Dr. Siddesh , Professor ,
Dept. of radio-diagnosis
JJMMC DAVANGERE**

PRESENTOR: Dr Vennela, PG resident



- 56 years old female patient
- Came with c/o fever associated with chills x 5days
- Diffuse pain abdomen and burning micturition
- K/c/o DM & HTN on regular medication
- Investigations:
 - ✓ TLC-13,500
 - ✓ RFT-creatinine: 1.6 & urea-66
 - ✓ Urine routine: pus cells and RBC +
 - ✓ USG





On KUB plain radiograph , left kidney appears globular in shape with extensive radiolucent areas in left renal fossa region ,diffuse mottled gas shadow of the renal parenchyma, surrounded by a crescent of gas (perinephric space). right kidney shadow is not visualized.

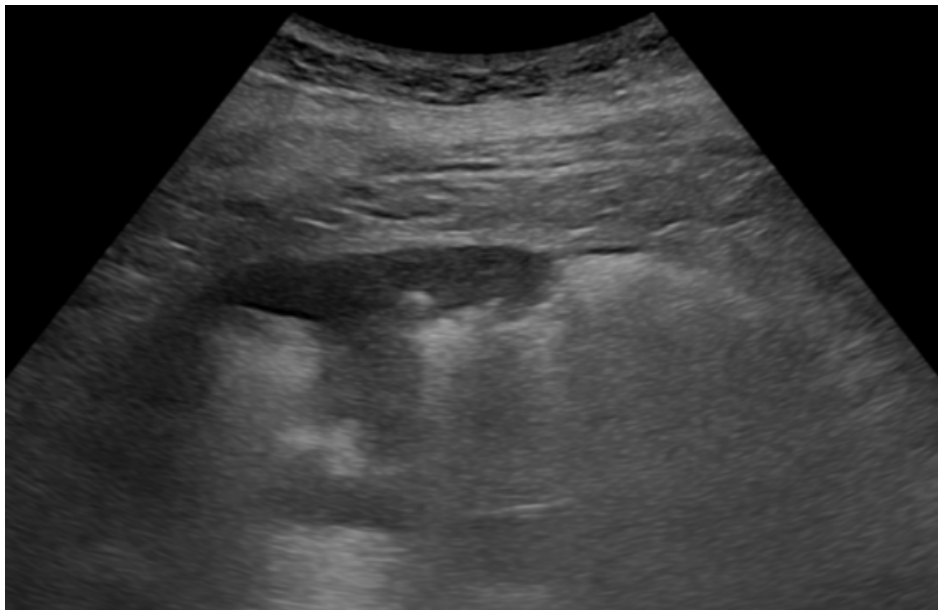
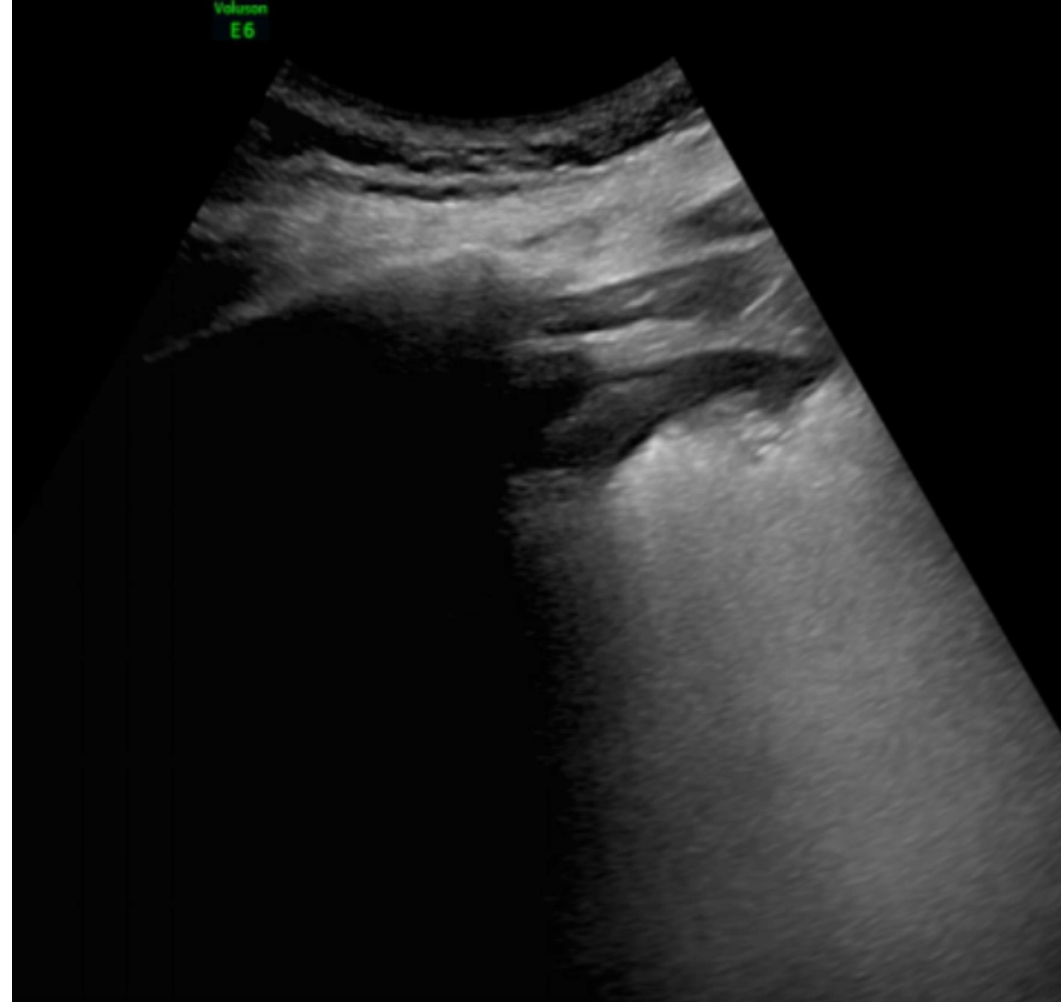
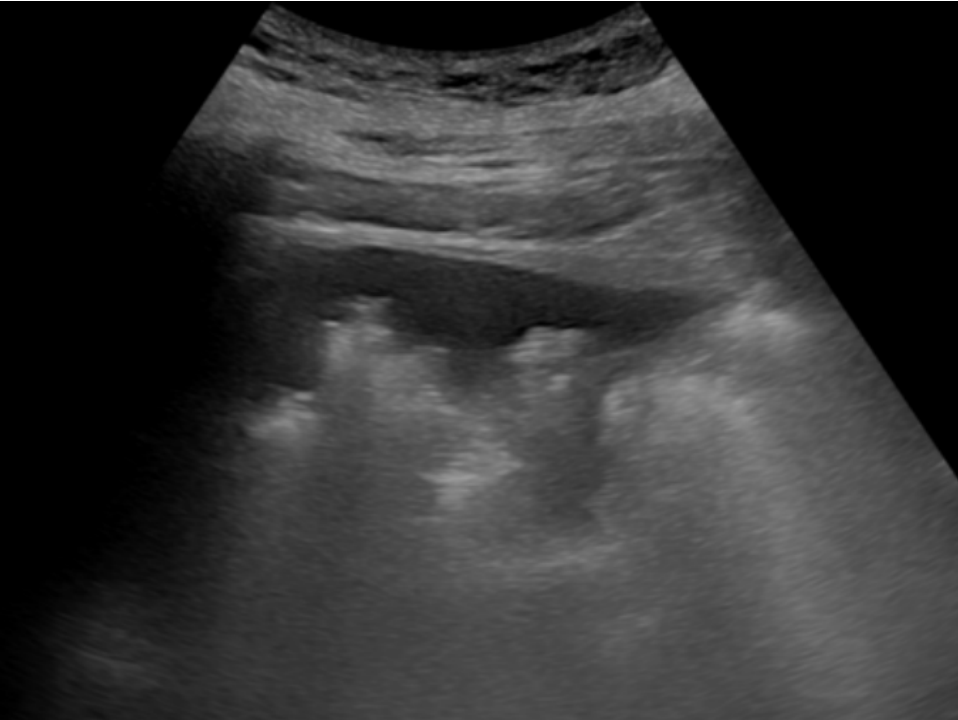
Bilateral psoas muscle shadows are not visualized.

No E/o calcific foci along the renal tract.

Underlying bones appear normal.

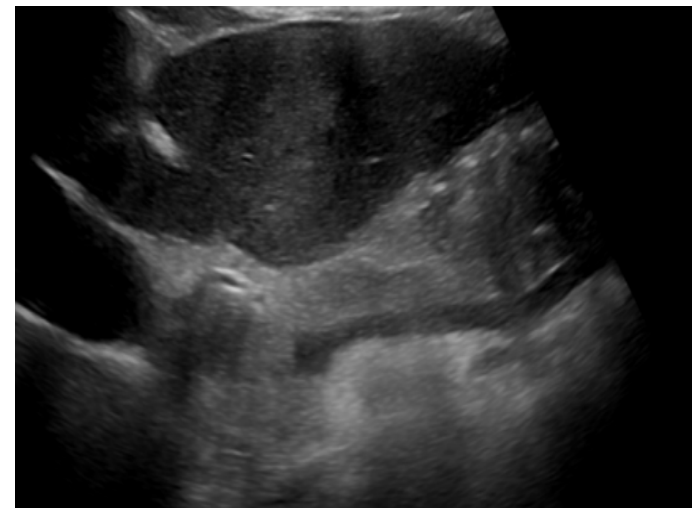
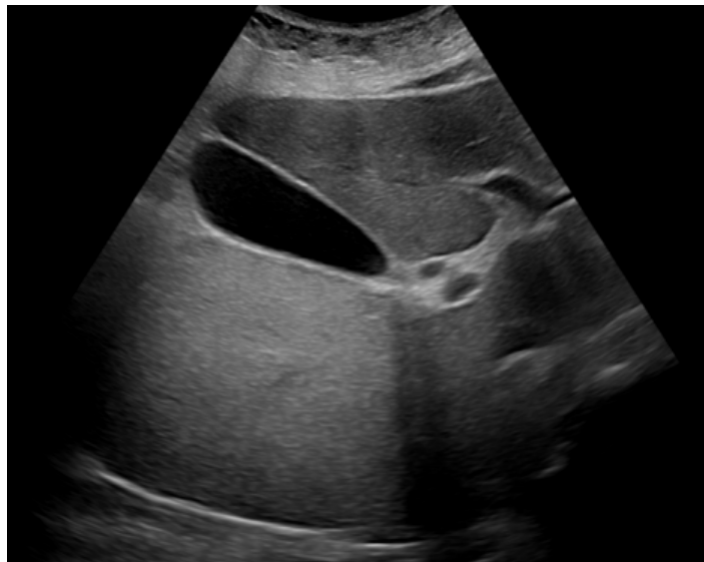
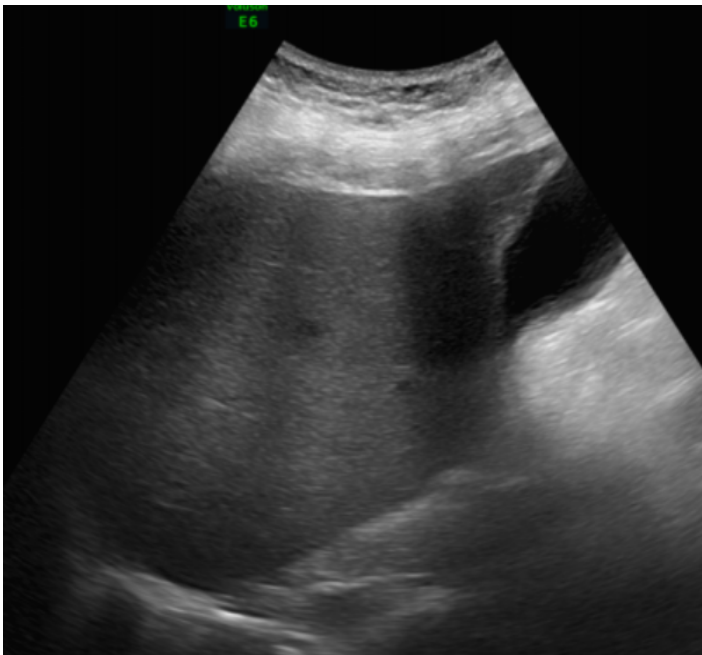
You have 12 days left in your trial period.
Purchase a license at <https://radiantviewer.com/store/>



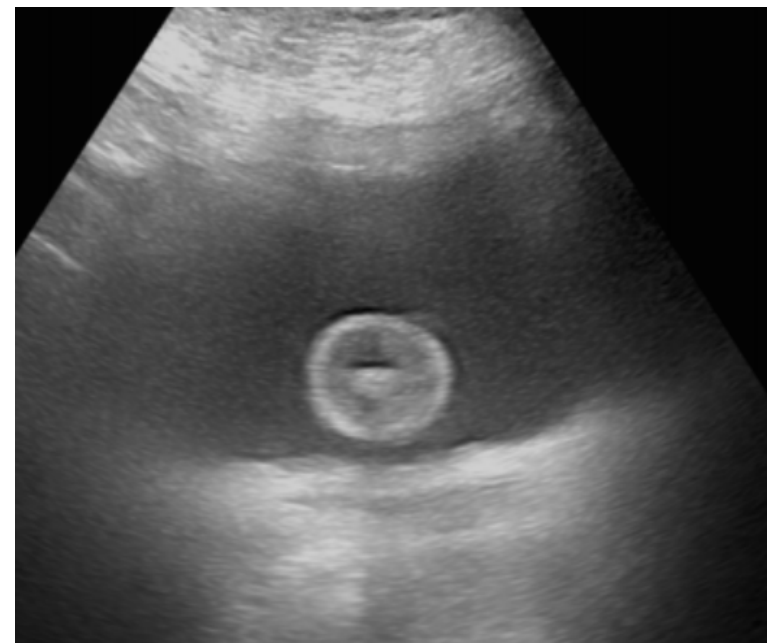
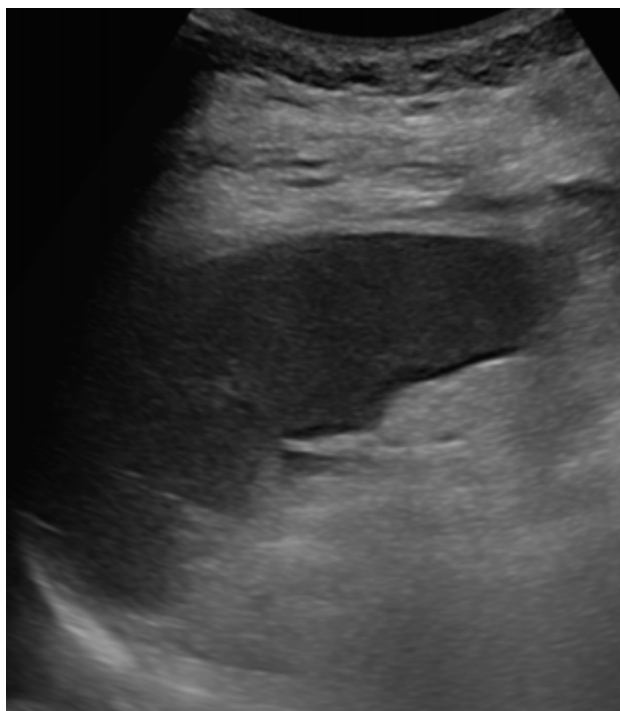
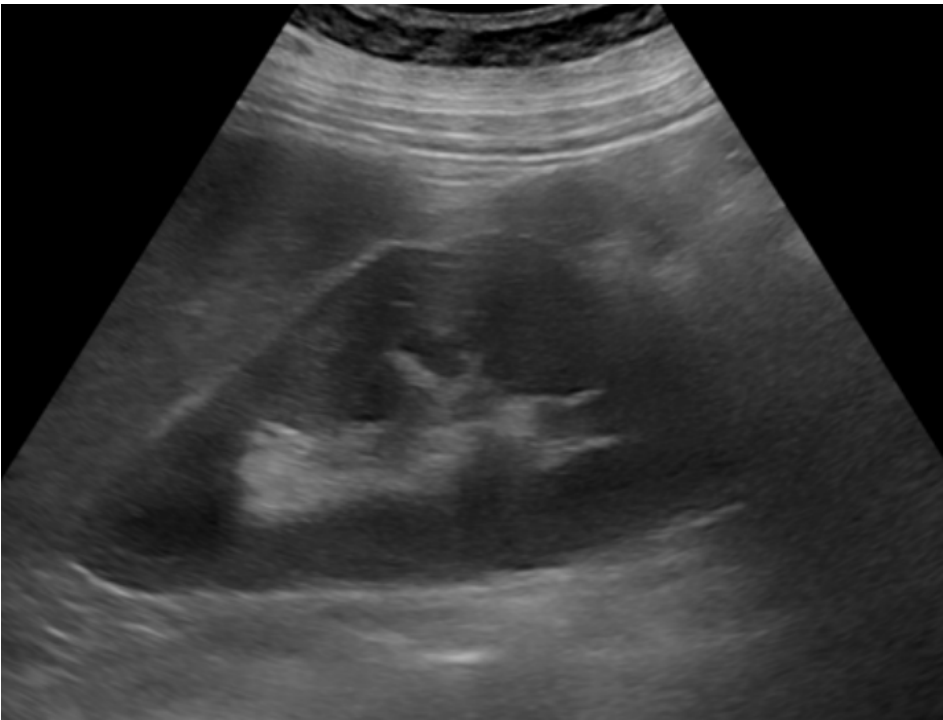


- Dirty echogenic foci with reverberation artifacts representing gas ('dirty shadowing') are noted in the left renal fossa
- Complete left kidney parenchyma was not visualized.



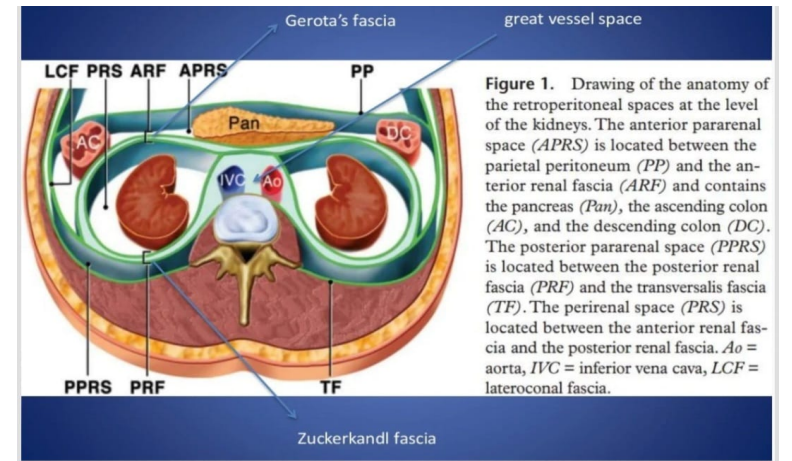


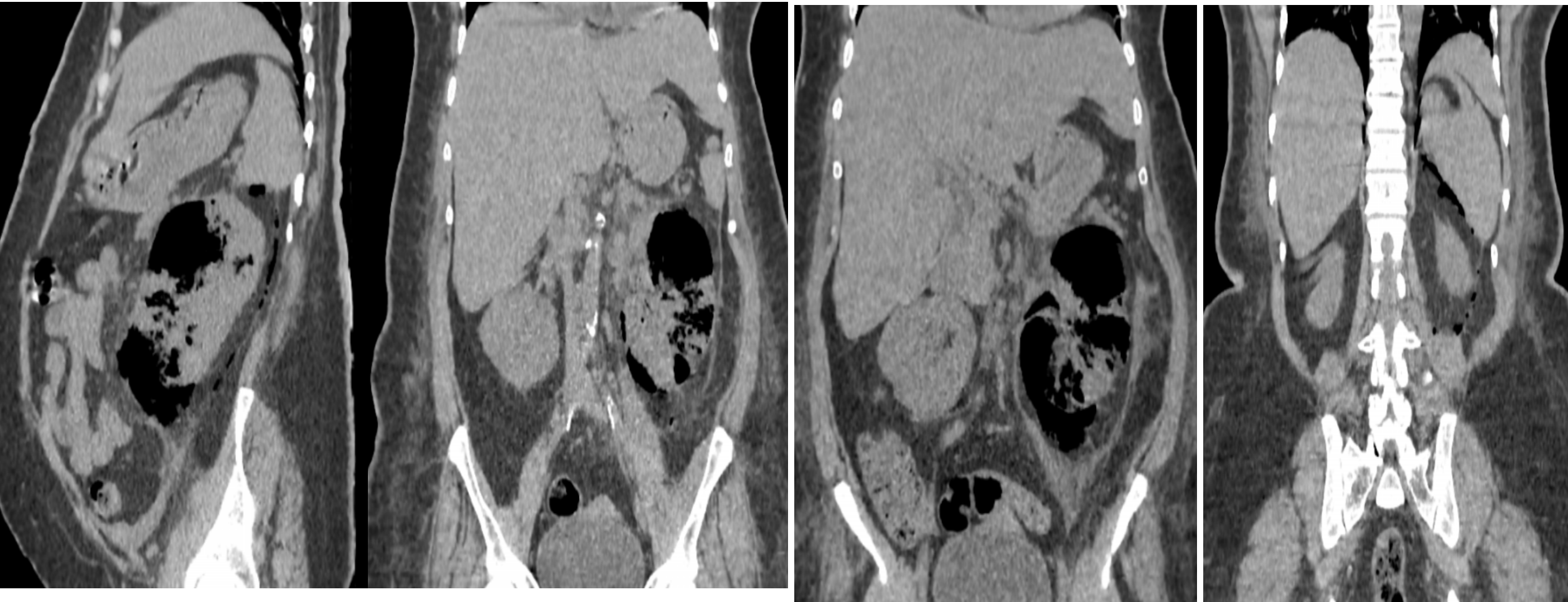
Rest of the organs appear normal.





LEFT KIDNEY- APPEARS BULKY AND GLOBULAR IN SHAPE WITH EXTENSIVE AIR POCKETS NOTED CAUSING DESTRUCTION OF MORE THAN 2/3RD OF THE RENAL PARENCHYMA OF LEFT KIDNEY. NO AIR FOCI ARE NOTED IN BLADDER





THESE AIR POCKETS ARE SEEN IN PCS, LATERAL & POSTERIOR PERI-NEPHRIC SPACE
EXTENDING INTO POSTERIOR PARARENAL SPACE. AND FEW AIR POCKETS ARE NOTED
AT LOWER MARGINS OF SPLEEN



IMPRESSION:

- F/s/o emphysematous pyelonephritis
- *Class 3b Huang- Tseng CT classification.*

DIFFERENTIAL: EMPHYSEMATOUS PYELITIS

POST- OT RADIOGRAGH



THANK YOU

