



2025

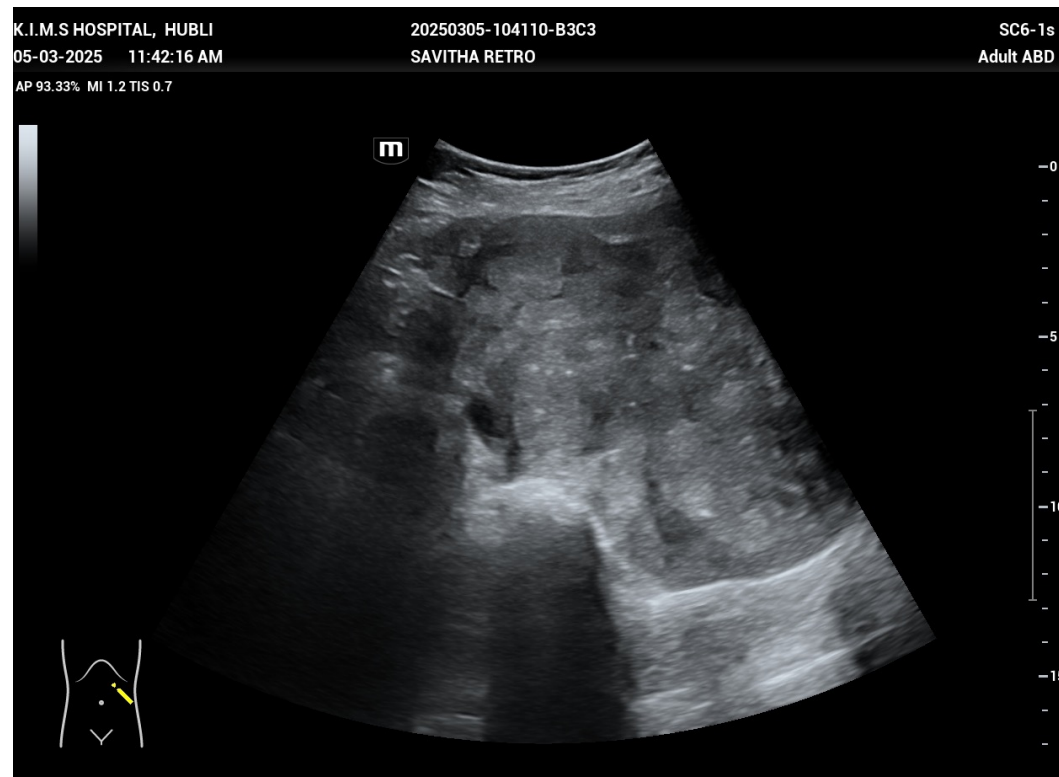
KARNATAKA RADIOLOGY EDUCATION PROGRAM

RETROPERITONEAL MASS LESION

- FROM - Department of Radiodiagnosis , KMCRI Hubli
- MENTOR - DR G C PAPTIL , Professor , Department of Radiodiagnosis , KMCRI Hubli

- Age/sex - 24years /female
- Chief complaints - pain abdomen since 4 months , mass per abdomen since 4 months
- No significant past/family/medical history
- No known comorbidities
- Examination - Large ill defined hard mass palpated in left lumbar region , non tender

Ultrasound



K.I.M.S HOSPITAL, HUBLI
05-03-2025 11:42:40 AM

20250305-104110-B3C3
SAVITHA RETRO

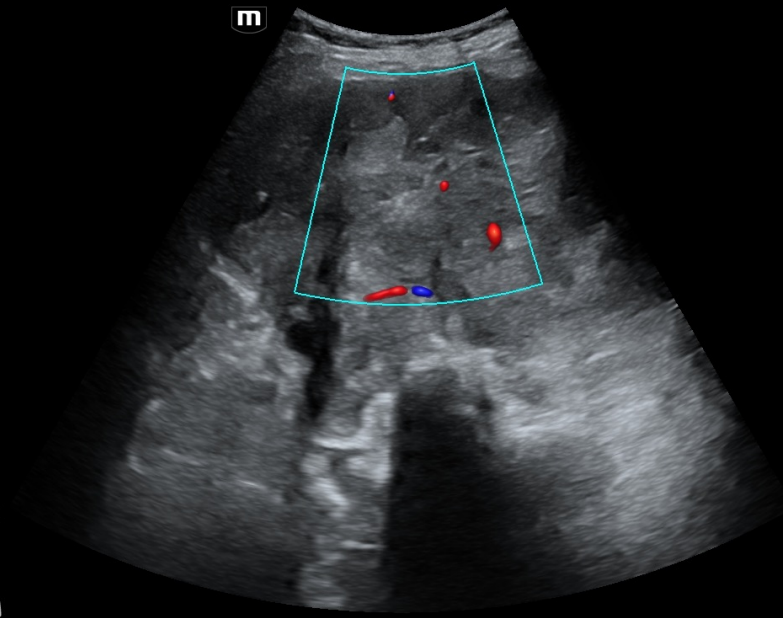
SC6-1s
Adult ABD

AP 93.33% MI 1.2 TIS 0.6

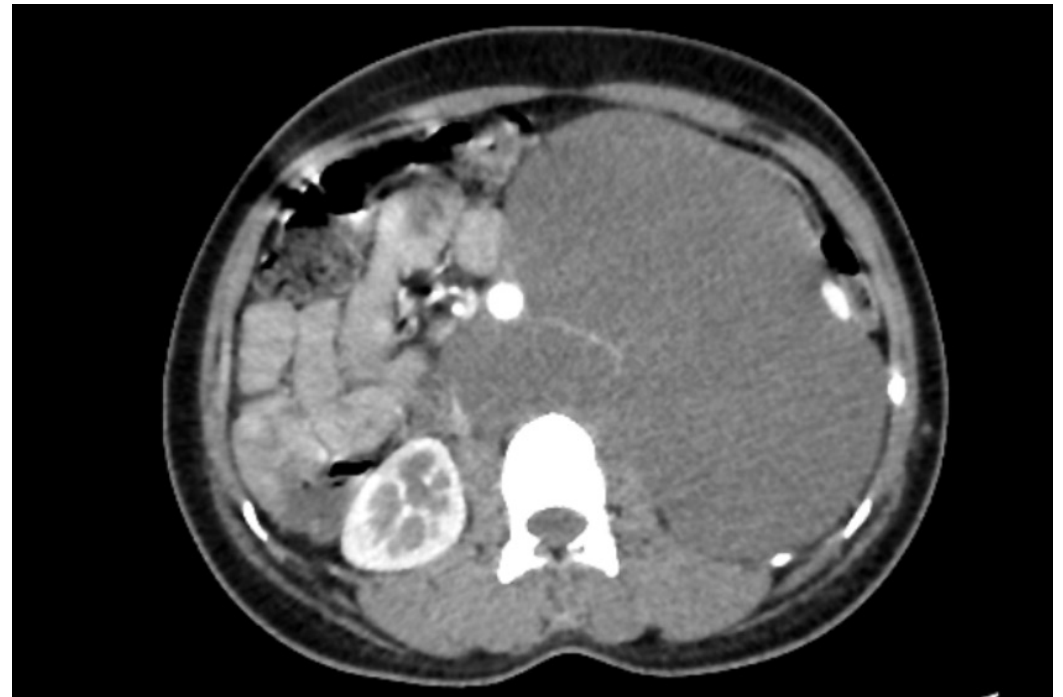
23.9
-23.9

m

-0
-
-
-
-5
-
-10
-
-15
-



CECT

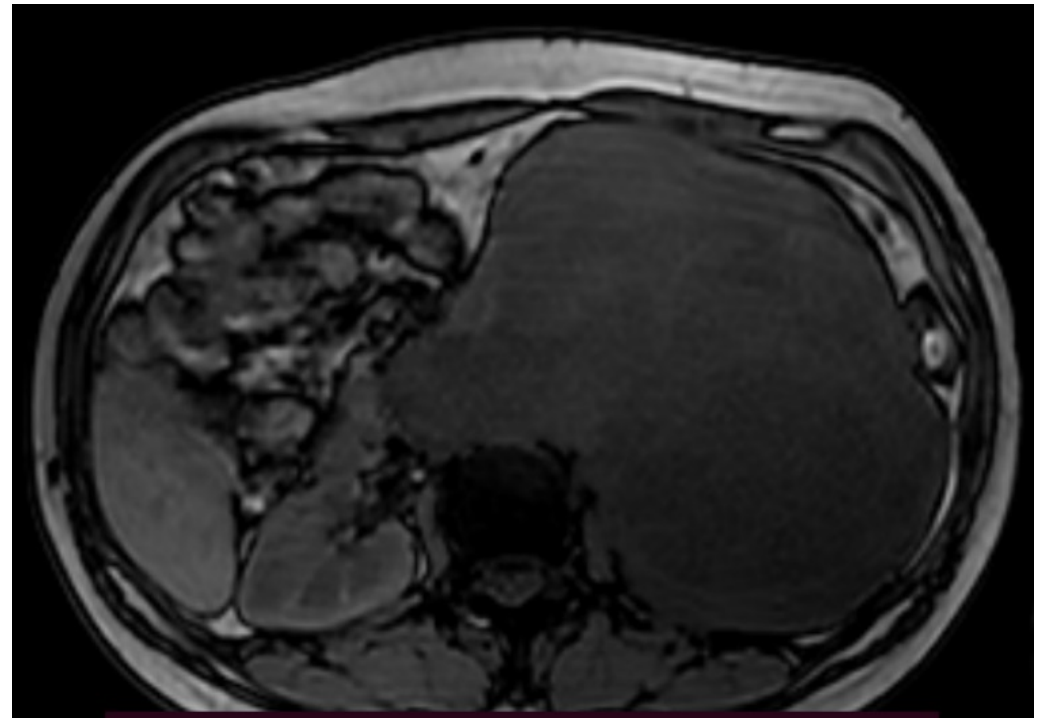
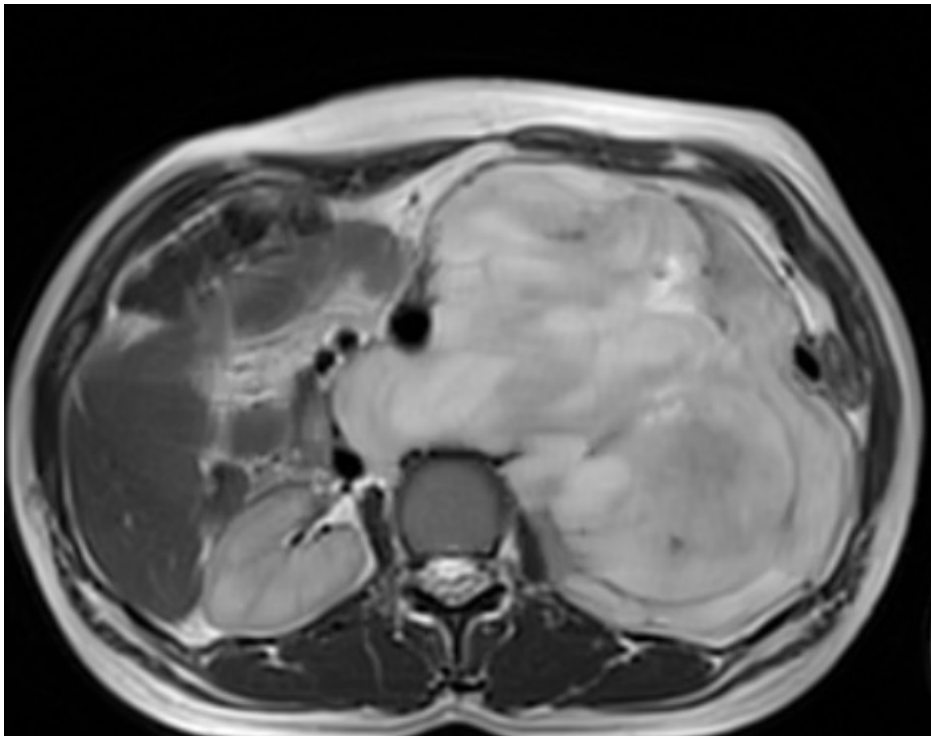




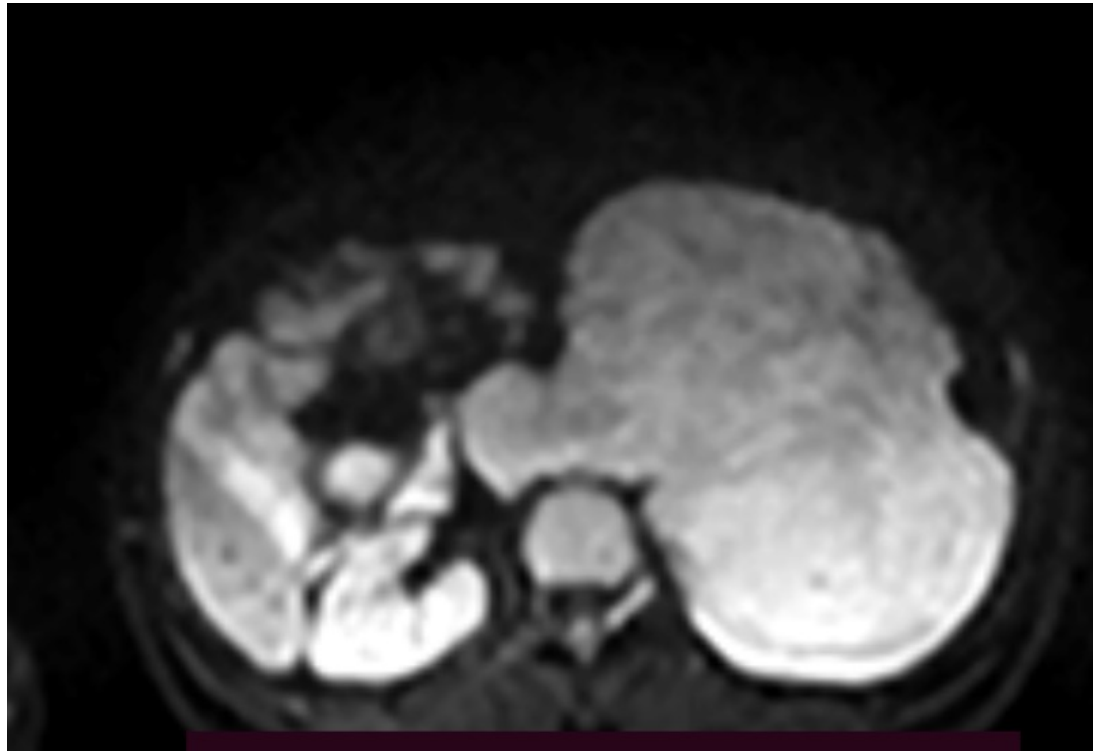
CT FINDINGS

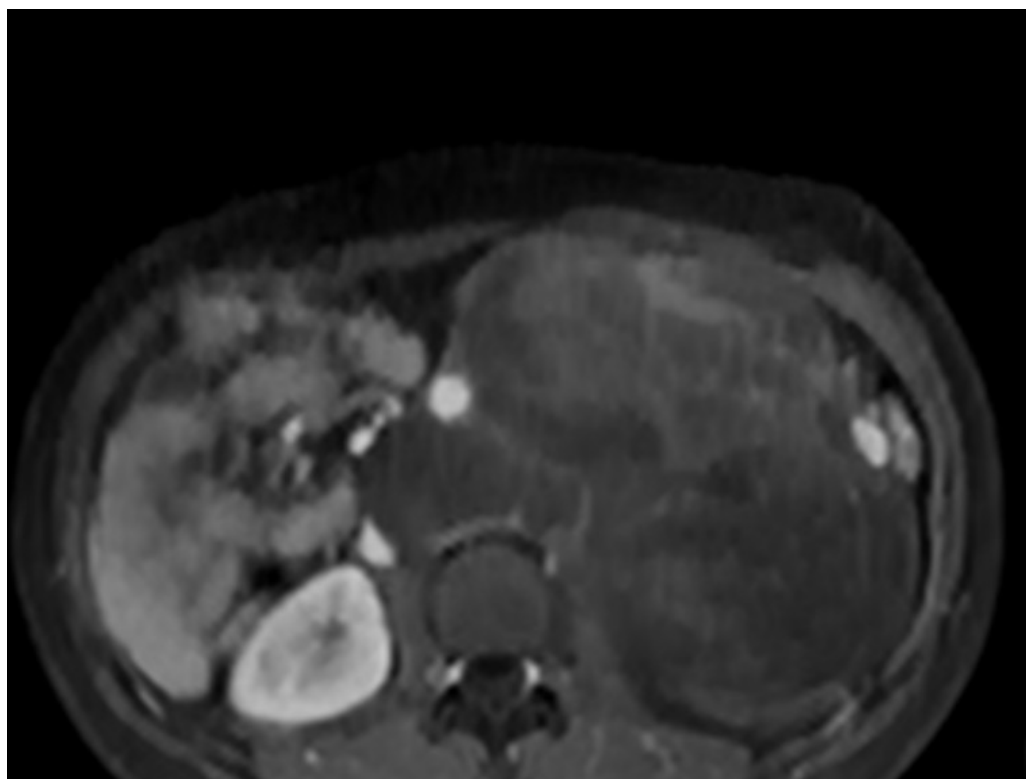
- Large soft tissue density lesion with minimal enhancement on CECT , and enhancing septae , no calcification/bleed noted in the left anterior pararenal space and perinephric space causing displacing left kidney superolaterally , and extending to intraperitoneal compartment displacing bowel loops anteriorly . The lesion is causing displacement of left renal vein laterally

MRI



DWI





MRI findings

- The lesion is T1 hypointense with T2 heterogeneously hyperintense , there are areas of mild diffusion restriction within lesion . On postcontrast imaging there is heterogeneous enhancement

DDs

- Nerve sheath tumor
- Mesenchymal tumor

- HPR - Confirmed as Neurofibroma

THANK YOU