



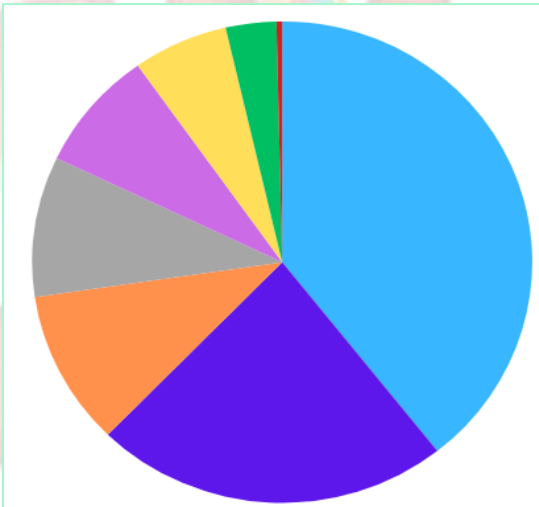
Point-of-care Ultrasound (POCUS) in General Out Patient Clinic: A Game Changer for Early Detection and Management of Pathologies

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2305 POCUS in year 2024
(epigastric pain/ loin pain/
deranged liver or renal function/
lower urinary tract symptoms)

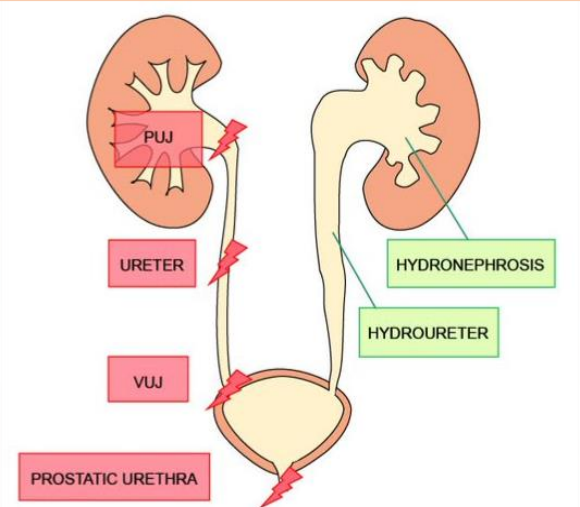
1767
pathologies
detected

85 cases need surgical
or non-surgical
intervention



Clinically significant pathologies detected by POCUS

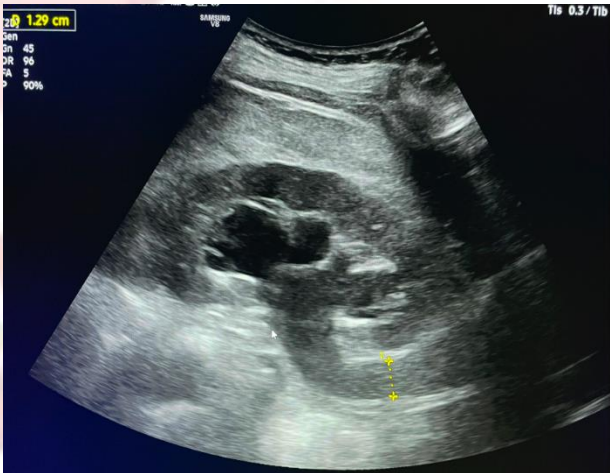
- Benign prostatic hyperplasia (530)
- Fatty liver (309)
- Renal stone (140)
- Gallstone (127)
- Renal parenchymal disease (109)
- Gallbladder polyp (83)
- Hydronephrosis (44)
- Renal / bladder / prostatic tumor (5)



Obstruction at different levels
causing hydronephrosis +/-
hydroureter

One important finding is that a significant number of **hydronephrosis** was detected. Besides stone, we detected **non-calculus lesions** at different levels of the urinary system leading to hydronephrosis. Being potentially reversible, early detection of hydronephrosis definitely improves the prognosis.

Below are some of our POCUS cases with positive findings.



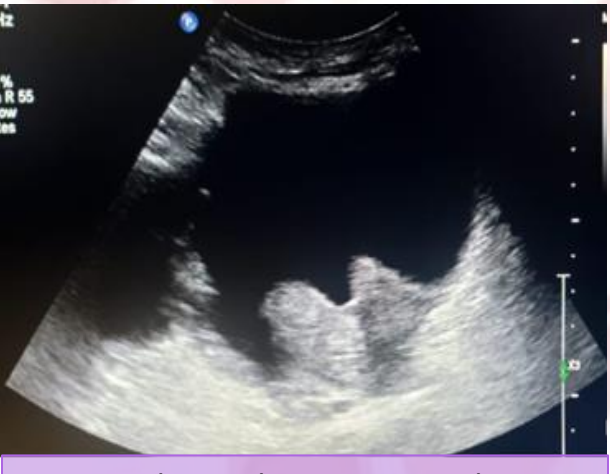
Hydronephrosis & hydroureter



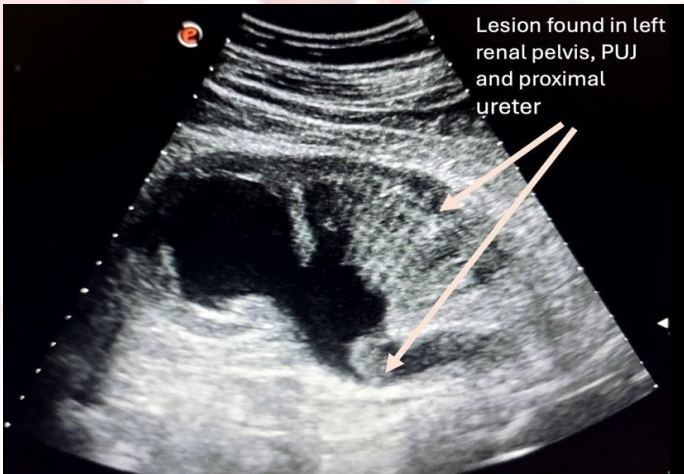
Hydronephrosis & proximal ureteric
stone



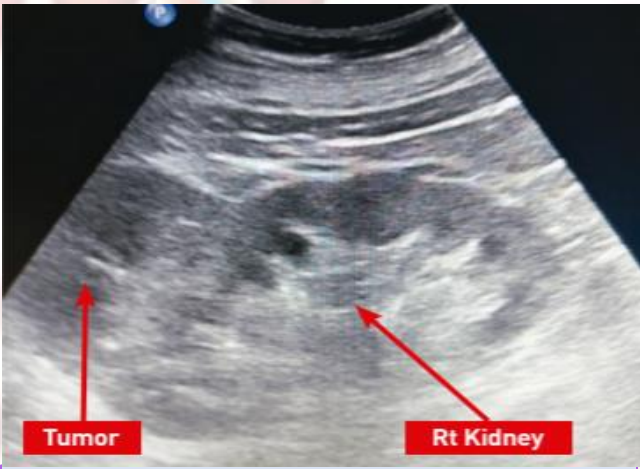
Staghorn stone



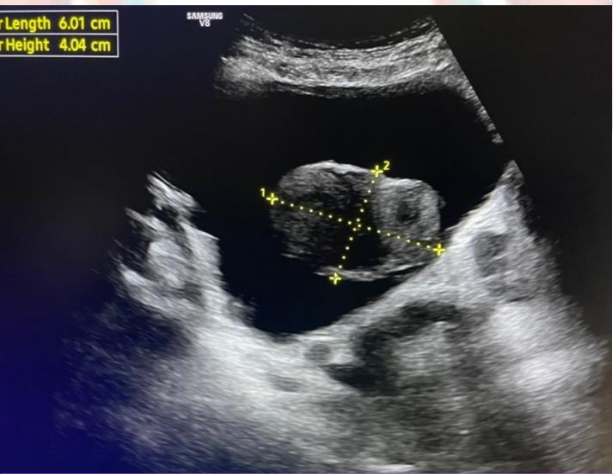
Enlarged prostate with
intravesical protrusion



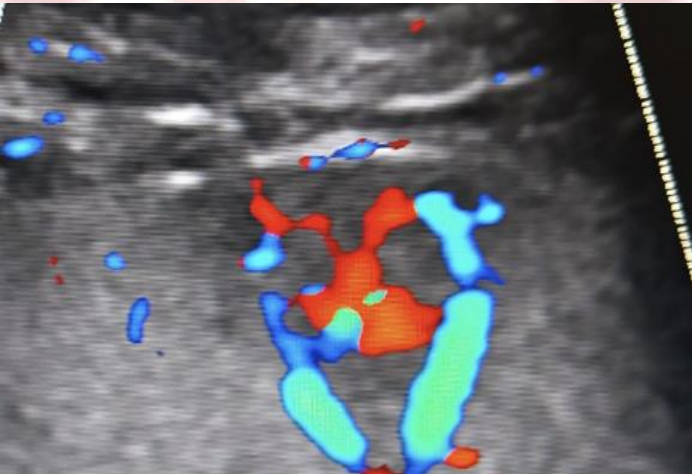
Transitional cell carcinoma



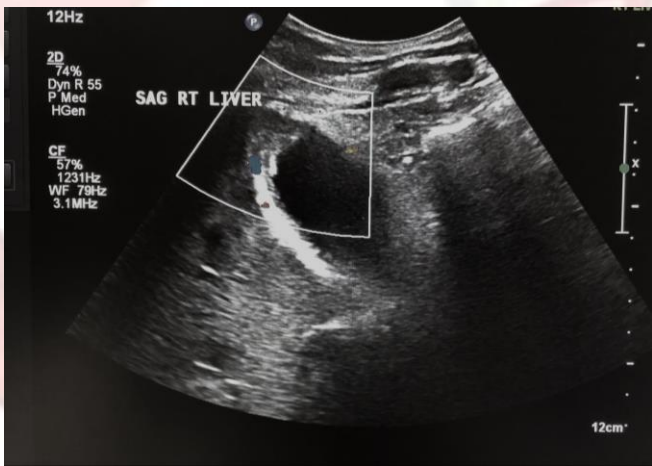
Renal cell carcinoma



Bladder tumor



Focal nodular hyperplasia of liver



Gallbladder fundal
adenomyomatosis