

DR. Paws Hospital

Animal Owner: AHMED ABDULLAH

Animal Name: DIABLO

Species: Feline PERSIAN

Animal ID: 20251108-155135-9C54

Gender: Neutered Male

Age: 6 Years

Exam Date: 08/11/2025

Equipment Used: Mindray Vetus 50

Operator: MARYAM ELHADY

New Cairo Branch

Telephone: 01008886446

Medical Director: Dr. Ahmed Barakat



Clinical Indications & Data

Weight: 4.00kg BSA: 0.252m²

Abdomen

2D Measurements

Right Kidney

Renal L: 4.37cm

Right Prox RenPelvis W: 0.82cm

Prox Bladder T1: 4.7mm

Prox Bladder T3: 5.5mm

Left Kidney

Renal H: 4.23cm

Left Prox RenPelvis W: 0.84cm

Prox Bladder T2: 12.0mm

Doppler Measurements

Abdominal Artery

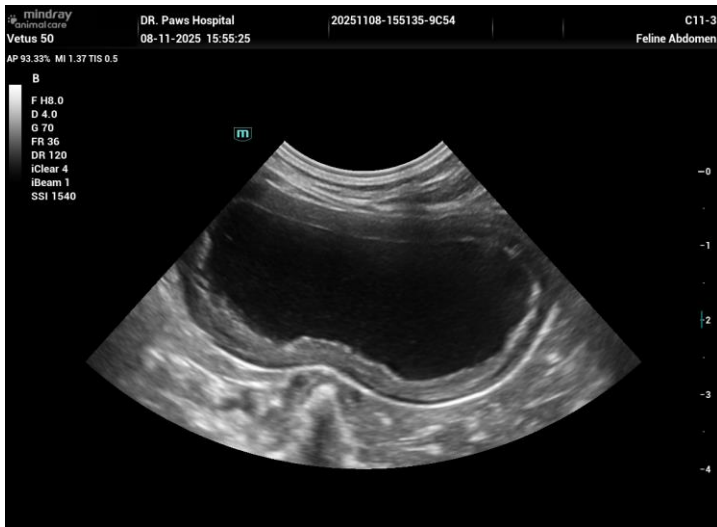
Prox Aorta

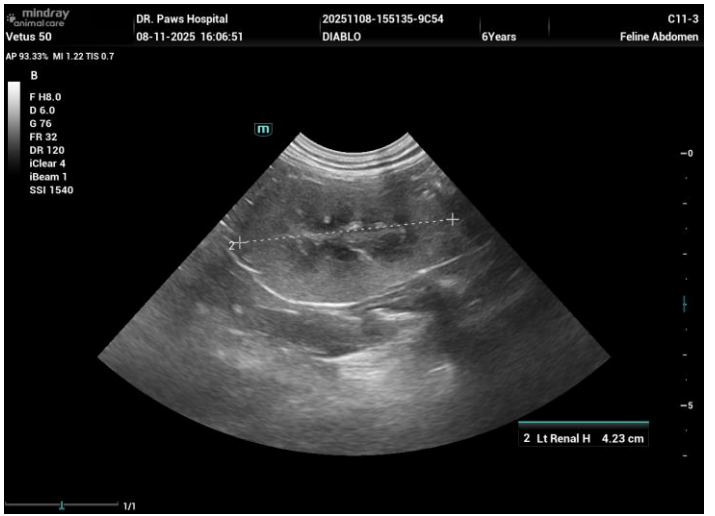
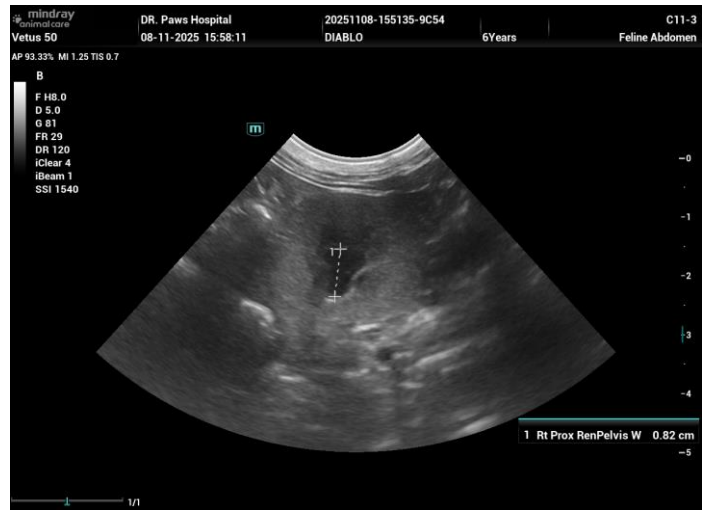
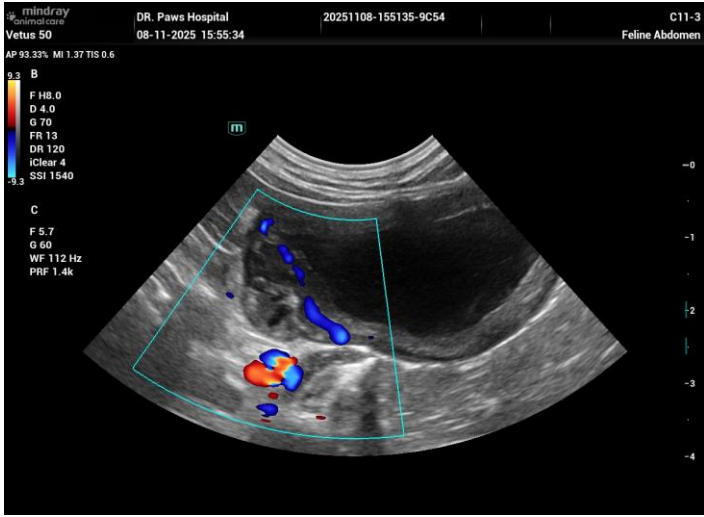
PS: 30.50cm/s

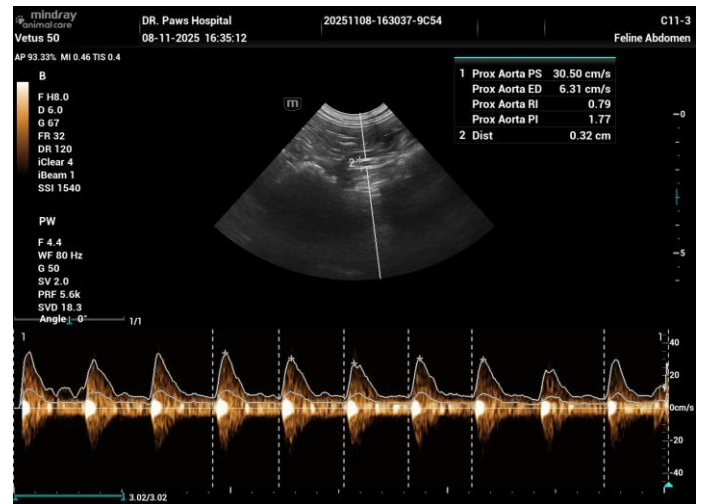
RI: 0.79

ED: 6.31cm/s

PI: 1.77







Comments:

- **Severe thickening** in the urinary bladder inner wall, maximum thickness was **12mm**, distended with anechoic urine with evident crystals flow with comet tail artifact, appeared upon centesis to be physically **turbid**.
- Kidney's length **4.37cm**, **4.23cm** compared to aorta diameter and pelvis diameter within normal ranges.
- Both kidneys appeared to have evident **hyperechoic cortex** compared with the liver parenchyma.
- Liver has normal echogenicity and gall bladder distended with anechoic bile with acoustic enhancement.

Recommendations:

- Performing **CBC** to relief doubts about the case whether it's AKI or CKD.
- Performing **urine culture and sensitivity** and address the primary causative agent of this severe cystitis.
- Sequential **blood pressure** measurement.
- Augment the kidney function with kidney support.
- Besides medicated diet for crystals, offer high fat low protein diet trying to eliminate stressors from the kidneys.
- Case would predictively be anemic due to deficiency in erythropoietin hormone produce by the kidney and that's the corner stone **differentiating AKI from CKD**.

Signature(seal): *Maryam Elhady*

Date Signed: 11th Nov 2025