



PATIENT

Tamara Brandt

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

2 Years

WEIGHT

10 pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Wilkinson

HOSPITAL NAME

Severna Park
Veterinary Hospital

REFERRING VET

Dr. Jessica Heard

INVOICE

12221

DATE

11/11/25

PRESENTING CLINICAL SIGNS

Second opinion case. 4 to 5 month history of obvious hematuria and inappropriate urination outside of box. Not responsive to Clavamox, cefovecin, NSAIDs, or urinary diet. Multi-cat household - bonded pair.

Abnormal PE/Chem/CBC/UA Results: UA pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed multiple calculi with a calculus imbedded in the cystourethral junction measuring 0.62 cm. Urethral calculus was lodged approximately 2.0 cm distal into the pelvic urethra. Minor bladder wall thickening was noted. The ventral wall measured up to 0.38 cm. The dorsal wall appearance unremarkable. A smaller calculus was also noted measuring 0.22 cm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Slight mineralization was noted bilaterally. The left kidney measured 3.44 cm in length. The right kidney measured 3.67 cm in length.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.20 cm width. The right adrenal gland measured 0.30 cm width.

Spleen

The **spleen** presented slightly enlarged and uniform measuring up to 1.05 cm.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. Minor increased portal markings were noted.

The gallbladder wall was slightly echogenic.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas



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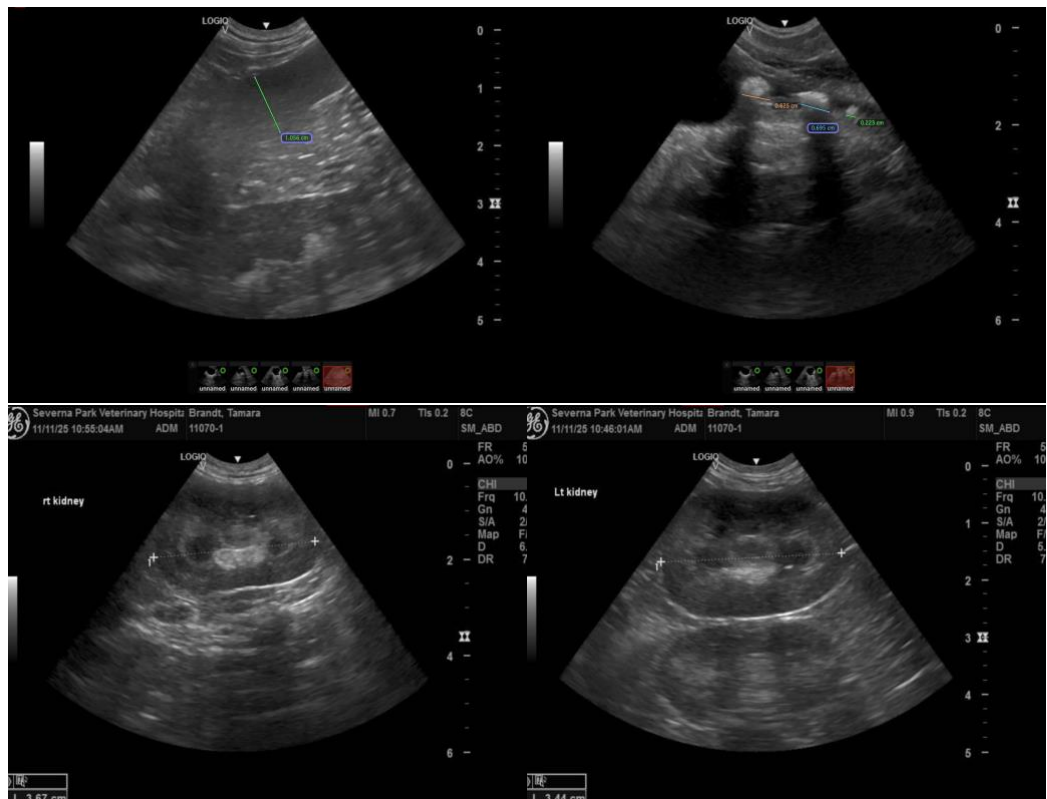
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Lower urinary tract calculi lodged in the pelvic urethra and bladder.
- Minor bladder wall thickening.
- Prominent spleen.
- Slight hepatic remodeling.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend a cystotomy, retrograde flush, stone analysis and culture as well as ventral bladder wall histopathology to assess for concurrent disease such as pseudomembranous cystitis.





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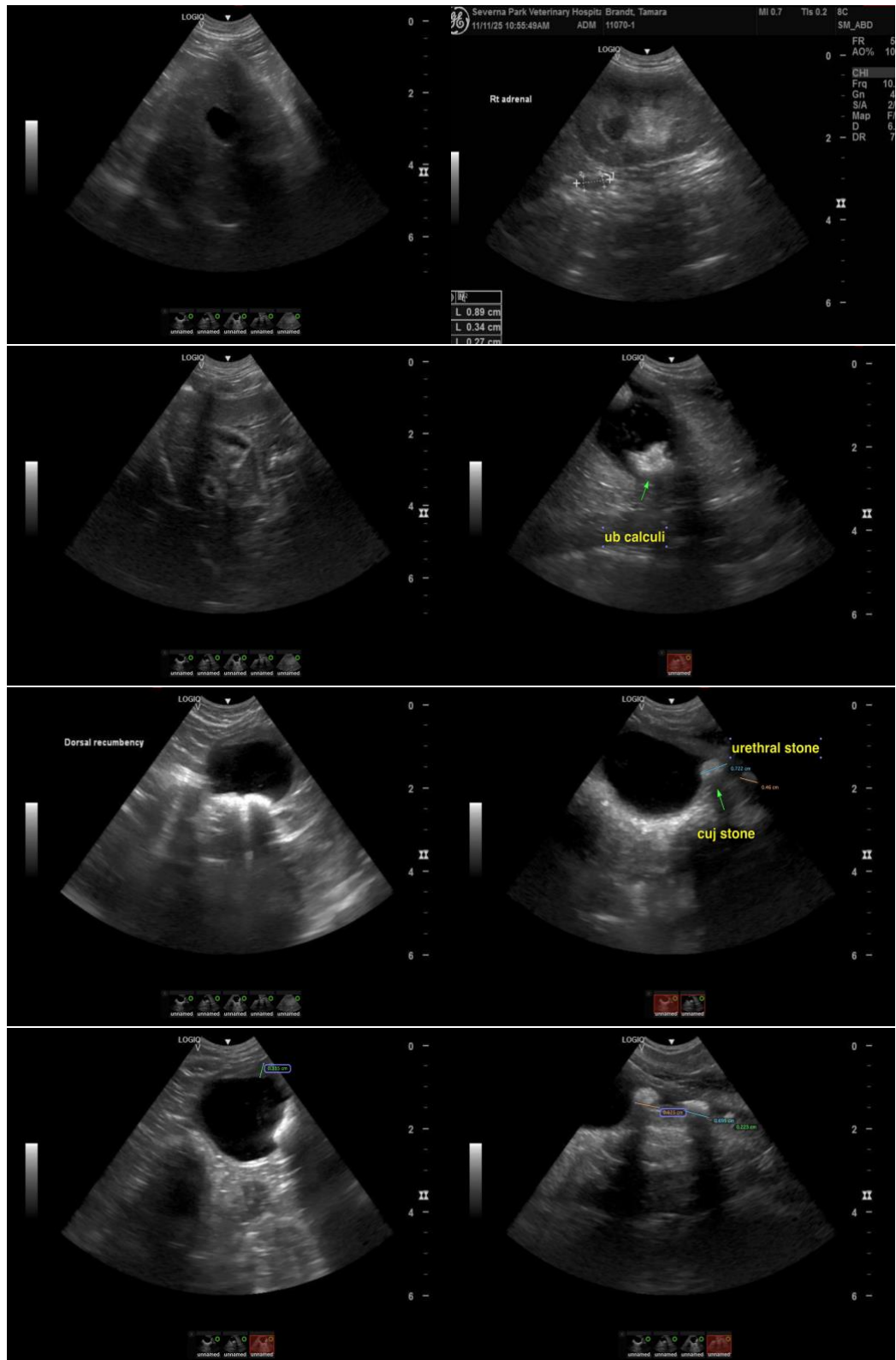
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,

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