



PATIENT

Sampson Sportelli

PRESENTING CLINICAL SIGNS

Patient presented for inappropriate urination

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: PE: 5-6% dehydrated CBC: NAF Chem: BUN 37, CRE 2.6 UA: 3+ hematuria, 1+ protein

BREED

DSH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed coalescing apical polypoid changes measuring approximately 3.0 cm x 2.0 cm, appear resectable. The cystourethral junction and visible urethra were unremarkable.

SEX

Neutered Male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measures 3.77 cm. The right kidney measures 4.1 cm. Slight pinpoint nephroliths noted.

AGE

16 Years

WEIGHT

11.4

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

IMAGING PERFORMED BY

Dr. Mayra Sanchez

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. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

HOSPITAL NAME

Sunset Animal Hospital

REFERRING VET

Dr. Mayra Sanchez

Gastrointestinal

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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.

DATE

4/11/23

Pancreas

The **pancreas** was enlarged, irregular, and hypoechoic. Dilated duct noted measuring 1.0 cm. Likely hyperplasia, possible low-grade inflammation.



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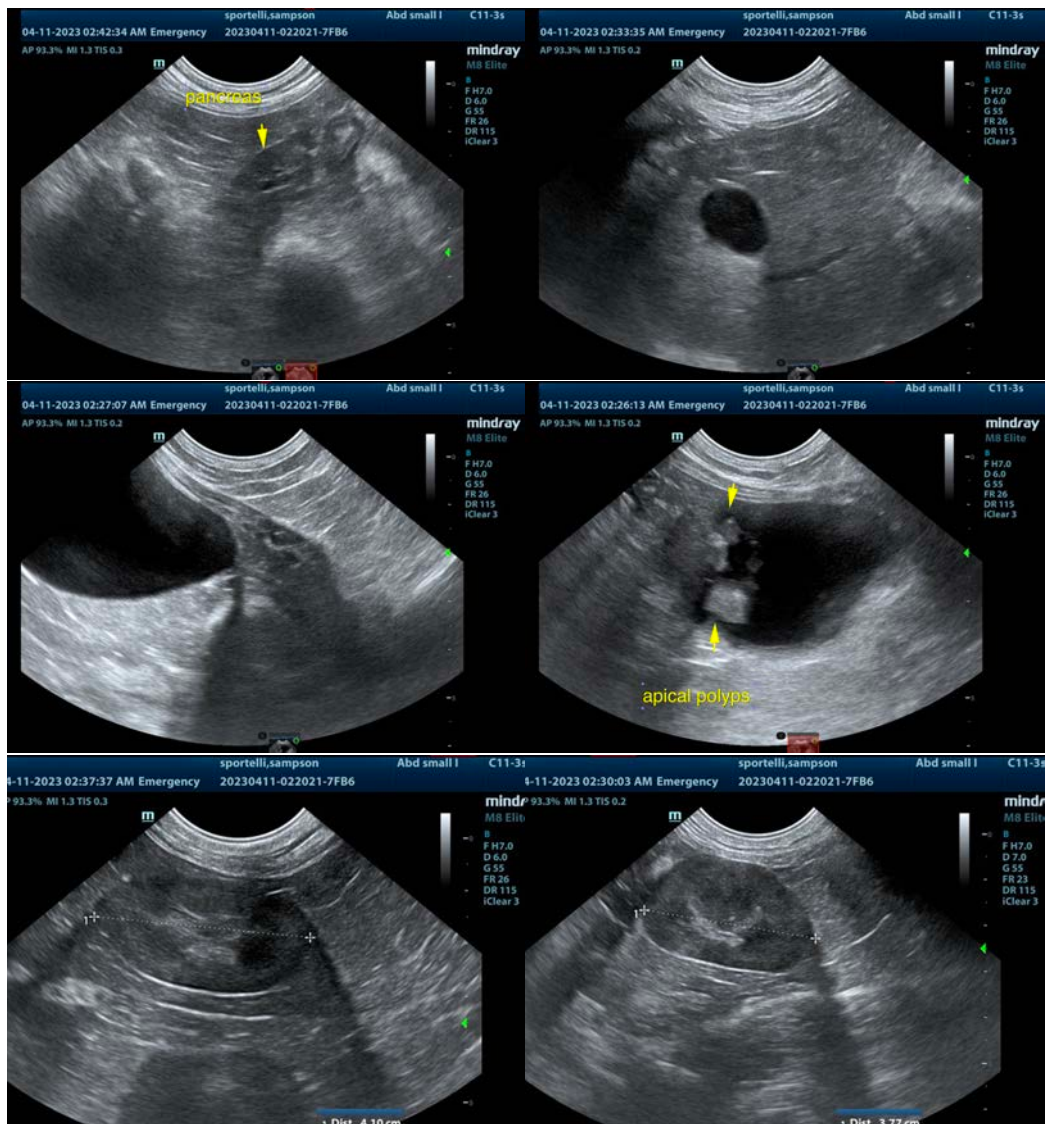
4/11/23

ULTRASONOGRAPHIC FINDINGS

- Apical coalescing bladder polyps/mass – appears resectable.
- Minor age related renal changes
- Prominent pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prerenal disease may be playing a role as well as renal disease causing the azotemia, as the kidneys presented only mild age related changes. Correction of the azotemia and exploratory with resection of the cranial third of the bladder and inspection +/- biopsy of the pancreas indicated. The remainder of the abdomen was unremarkable.





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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.

SPECIES

Feline

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.

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DSH

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