



PATIENT

Sparky Miller

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Neutered male

AGE

6 years

WEIGHT

23.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Anleu

HOSPITAL NAME

Ellwood AH

REFERRING VET

Dr. Jones

INVOICE

78347

DATE

3/27/26

PRESENTING CLINICAL SIGNS

- Low red blood cell count, Hemoglobin below reference levels since approx 1/7/26. Idiopathic vestibular based off neurologist at PVSEC (approx 1 year).
- Abnormal PE/Chem/CBC/UA Results: RBC 5.51 (5.84-8.95), Hematocrit 39.3 (41.0-60.0), Hemoglobin 13.7 (14.6-21.7), platelets 609 (120-412)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** was slightly thickened and measured 1.3 cm. A minor amount of sand granules were noted and measured up to 0.22. The bladder itself was slightly thickened.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mild mineralization was noted. The left kidney measured 5.0 cm. The right kidney measured 4.57 cm.

The prostate was uniform and measured 1.3 cm.

Adrenal Glands

The **adrenal glands** were not overtly visualized. However, the regions of the adrenal glands appeared unremarkable.

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 was noted.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder revealed dependent coalesced bile noted. Grouping of which measured 3.6 cm.



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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

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

Age related renal changes with mineralization

Slight bladder sand.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient is likely passing nephroliths periodically, yet non-obstructive at the time of the sonogram. There was no evidence of significant pathology in this patient other than the minor nephrolithiasis.

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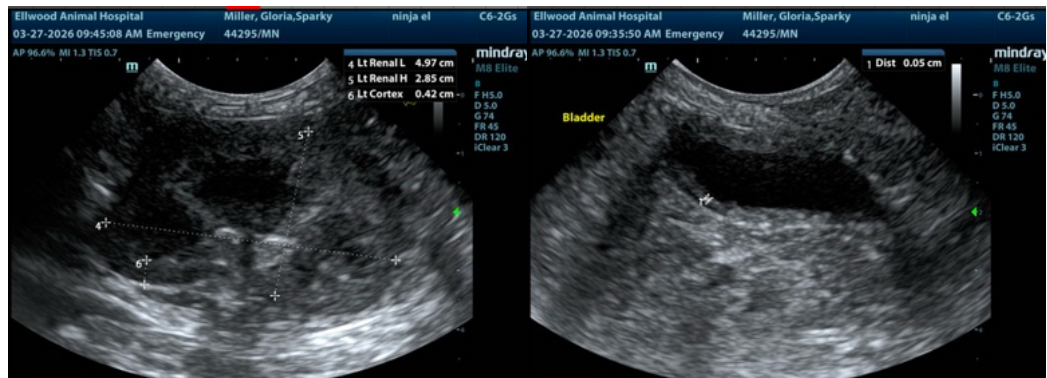
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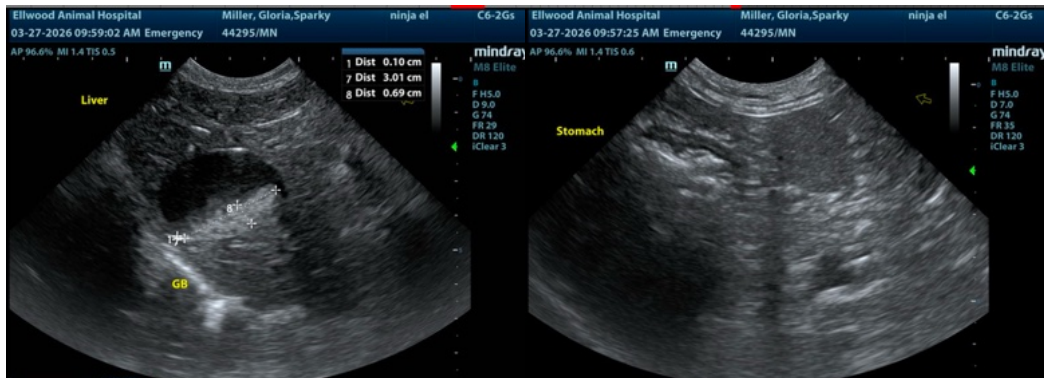
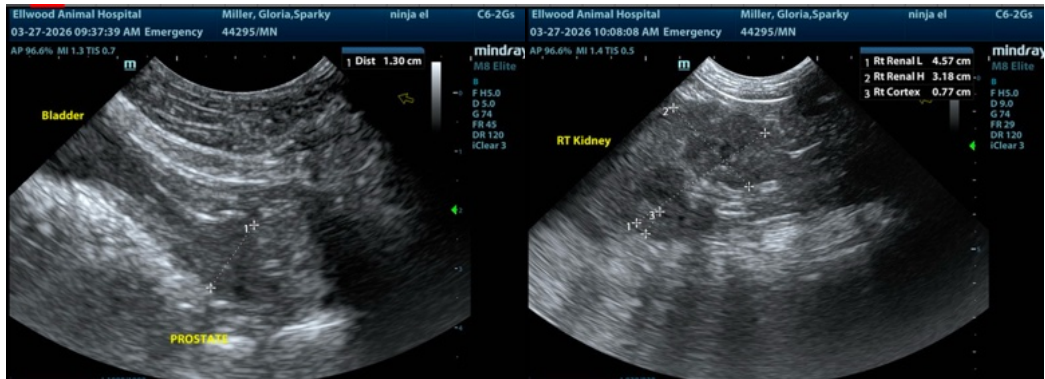
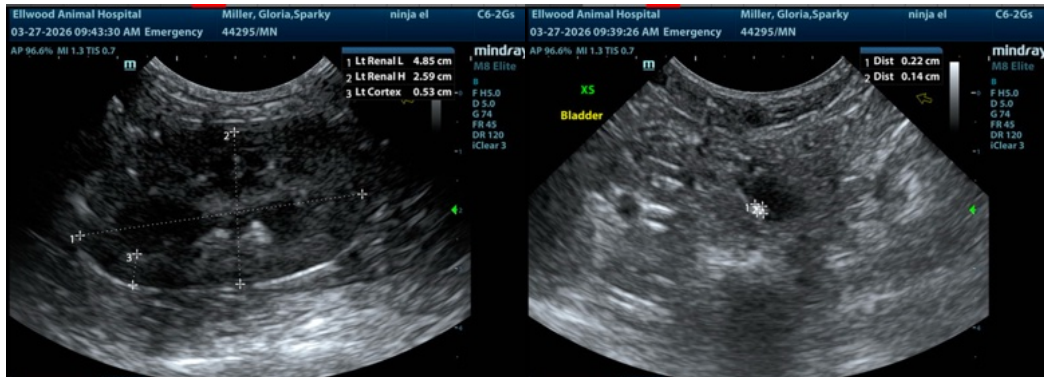
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, CEO of SonoPath.com

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