



PATIENT

Brody Smith

PRESENTING CLINICAL SIGNS

History: Several month hx of occasional regurgitation, sleeping more, not himself. No evidence of megaesophagus on chest rads. Current meds: Carprofen
Abnormal PE/Chem/CBC/UA Results: SDMA 15, USG 1.015, quiet sediment

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shepherd Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

The prostate was uniform and measured 1.1 cm.

AGE

8 years

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. The capsules were acceptably uniform without significant irregularities. The right kidney revealed minor age related changes with slight pyelectasia. The right kidney measured 5.56 cm with anechoic cyst that measured 1.3 cm. The left kidney measured 5.85 cm.

WEIGHT

65.8 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 right adrenal gland measured 2.52 x 1.27 cm at the cranial pole and 0.65 cm at the caudal pole. The left adrenal gland measured 2.42 x 0.54 cm at the cranial pole and 0.51 cm at the caudal pole.

IMAGING PERFORMED BY

Shari Reffi, CVT

Spleen

HOSPITAL NAME

Millburn VH

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

REFERRING VET

Dr. Turowsky

Liver

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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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,

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infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

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.

BREED

Shepherd Mix

Pancreas

SEX

Neutered male

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.

AGE

8 years

ULTRASONOGRAPHIC FINDINGS

Age related splenic and hepatic changes with slight renal pyelectasia.

WEIGHT

65.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

There is no evidence of significant pathology. Screening for occult Addison's would be appropriate with baseline cortisol or ACTH stimulation. Cardiac examination and assessment for pain related disease is recommended as well as CNS or thoracic disease.

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Millburn VH

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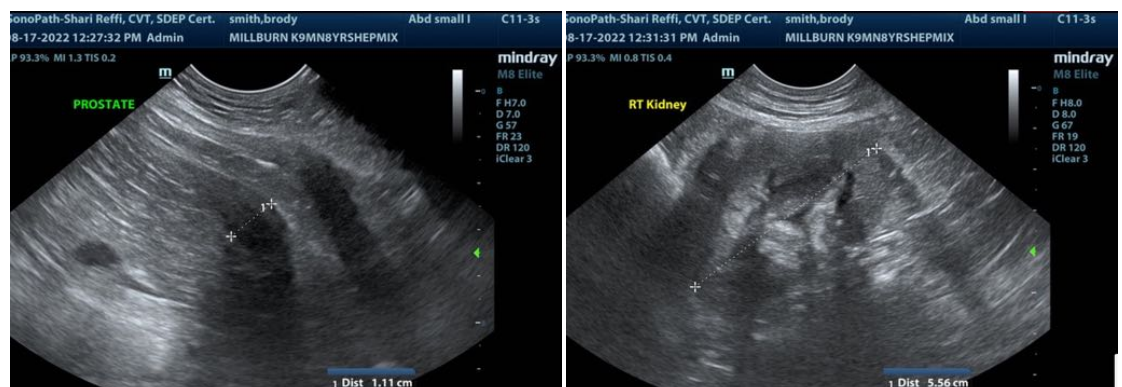
Dr. Turowsky

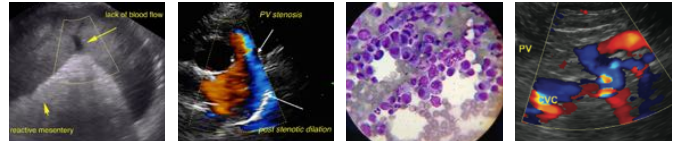
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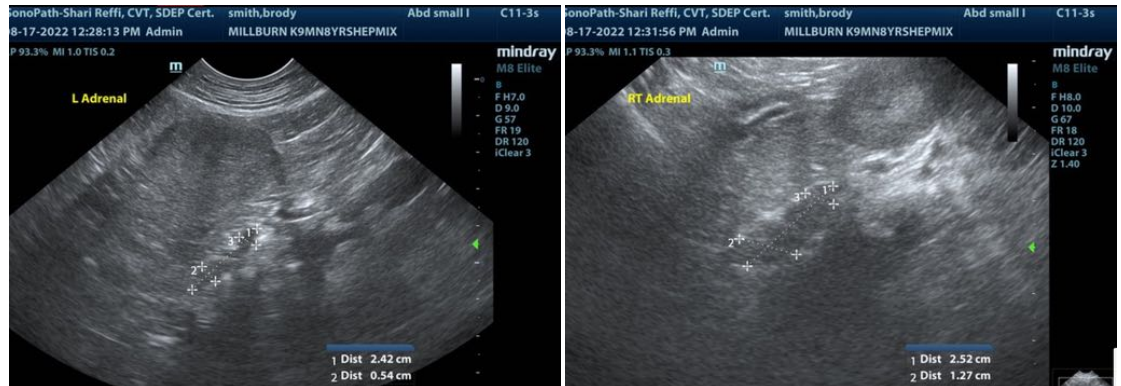
Brody Smith

SPECIES

Canine

BREED

Shepherd Mix



SEX

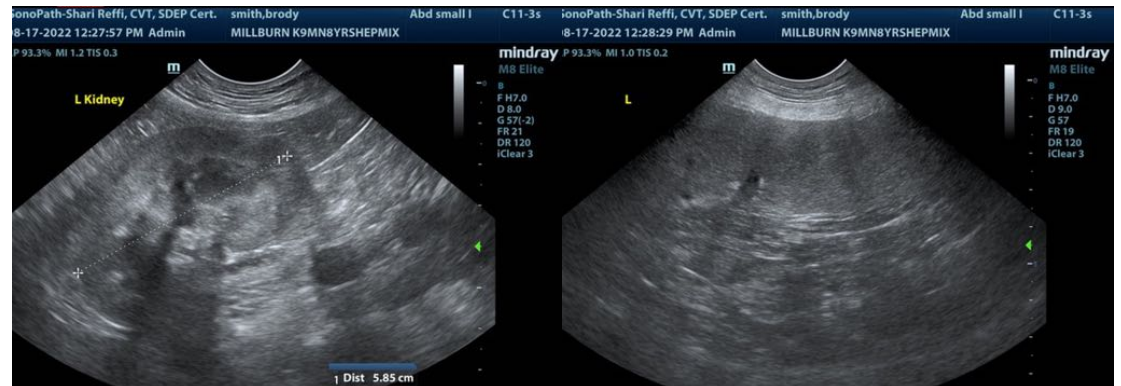
Neutered male

AGE

8 years

WEIGHT

65.8 lbs



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REFERRING VET

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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.

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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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