



PATIENT

Miles Deane

PRESENTING CLINICAL SIGNS

Diarrhea.

Abnormal PE/Chem/CBC/UA Results: ALT: 144, Tbili: ,0.1, T4: 0.8, RBC: 5.3, HCT: 33.8

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Beagle Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 residual prostate was uniform and measured 0.6 cm.

AGE

13 years

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. The left kidney measured 5.49 cm and the right kidney measured 5.53 cm.

WEIGHT

40 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 2.26 x 0.59 cm. The left adrenal gland measured 2.68 x 0.7 cm.

IMAGING PERFORMED BY

Dr. Rodriguez

Spleen

HOSPITAL NAME

Foxfield VS

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.

REFERRING VET

Dr. Rodriguez

Liver

INVOICE

97009

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

DATE

3/21/22



PATIENT

Gastrointestinal

Miles Deane

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. The colon revealed a slightly thickened wall with slight, irregular contour and soft stool. This is consistent with colitis.

SPECIES

Canine

BREED

Beagle Mix

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Geriatric abdomen with colitis pattern.

AGE

13 years

Minor, excessive gallbladder debris.

Non-specific vacuolar hepatopathy and inflammatory hepatopathy pattern.

WEIGHT

40 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ursodiol therapy is recommended as a palliative measure for the gallbladder presentation. Fecal test, broad spectrum anti-parasitic protocol and a clinical trial of Enrofloxacin and Metronidazole combination is recommended to treat for colitis over a 7-10 day period with reassessment of the clinical signs.

INTERPRETED BY

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DABVP, Cert. IVUSS

IMAGING PERFORMED BY

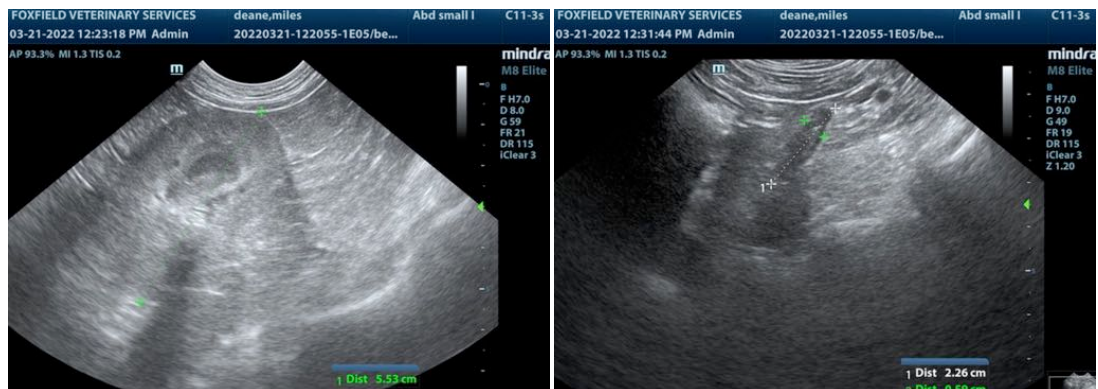
Dr. Rodriguez

HOSPITAL NAME

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REFERRING VET

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PATIENT

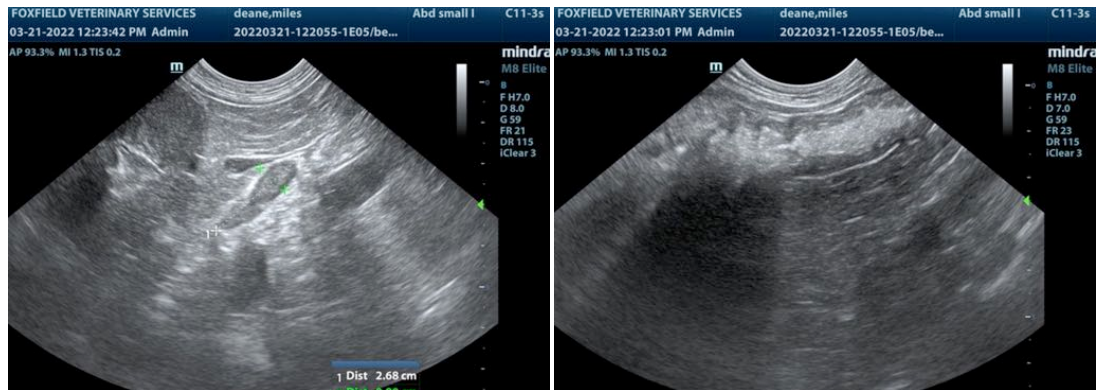
Miles Deane

SPECIES

Canine

BREED

Beagle Mix



SEX

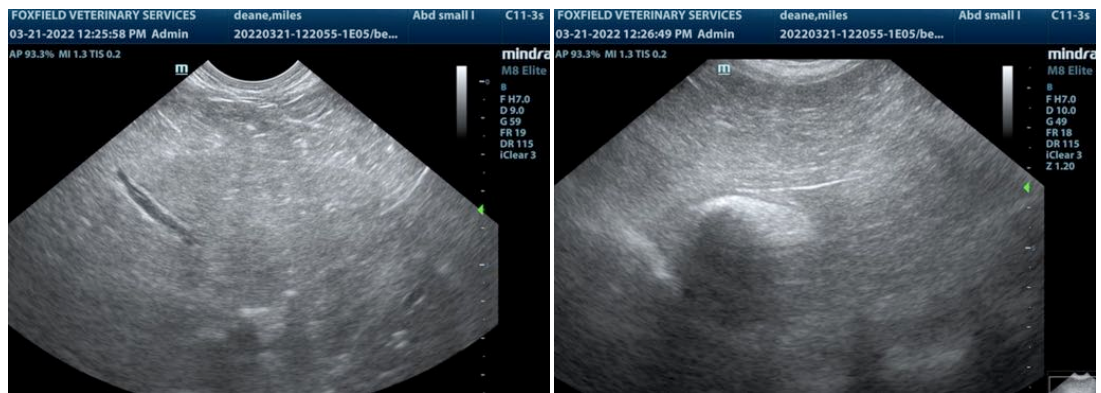
Neutered male

AGE

13 years

WEIGHT

40 lbs



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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.

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