



PATIENT

Dylan Surach

PRESENTING CLINICAL SIGNS

History: Weight loss - decreased B12 - IBD? Last U/S 9/2019 Current meds: Methimazole + Prednisolone
Abnormal PE/Chem/CBC/UA Results: Pending. UA: NSF SG: 1.021

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed apical polypoid changes. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal.

BREED

Domestic Shorthair

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 right kidney measured 4.5 cm. The left kidney measured 4.09 cm with slight pinpoint mineralization noted.

SEX

Neutered male

AGE

15 years

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 0.59 cm. The right adrenal gland measured 0.45 cm.

WEIGHT

11.1 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

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.

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Parsippany AH

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.

REFERRING VET

Dr. Dulude

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Gastrointestinal

The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to

DATE

1/27/23



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malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.

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SPECIES

Pancreas

Feline

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Domestic Shorthair

SEX

ULTRASONOGRAPHIC FINDINGS

Neutered male

Bladder polyps. Polypoid hyperplasia versus carcinoma, non-obstructive.

Non-obstructive nephrolithiasis.

AGE

Age related pancreas. No overt evidence of inflammation.

15 years

Minor intestinal thickening.

WEIGHT

Geriatric abdomen.

11.1 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

The polyps appear resectable. The cause of weight loss is not evident. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

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HOSPITAL NAME

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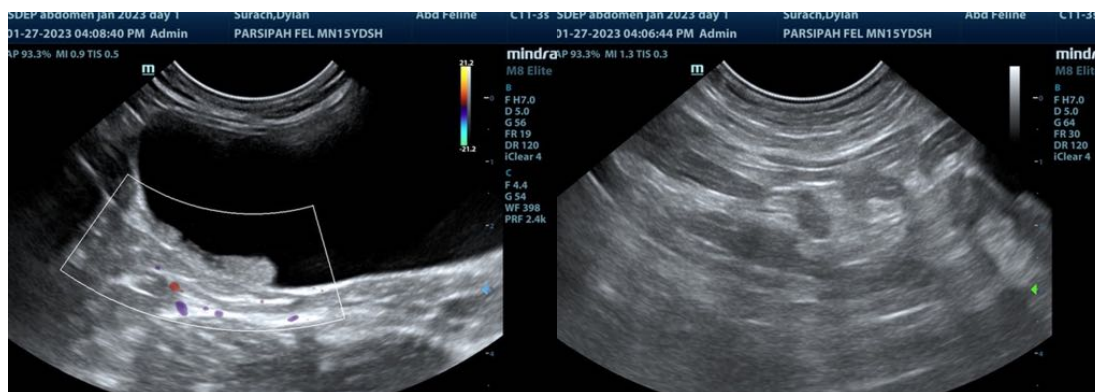
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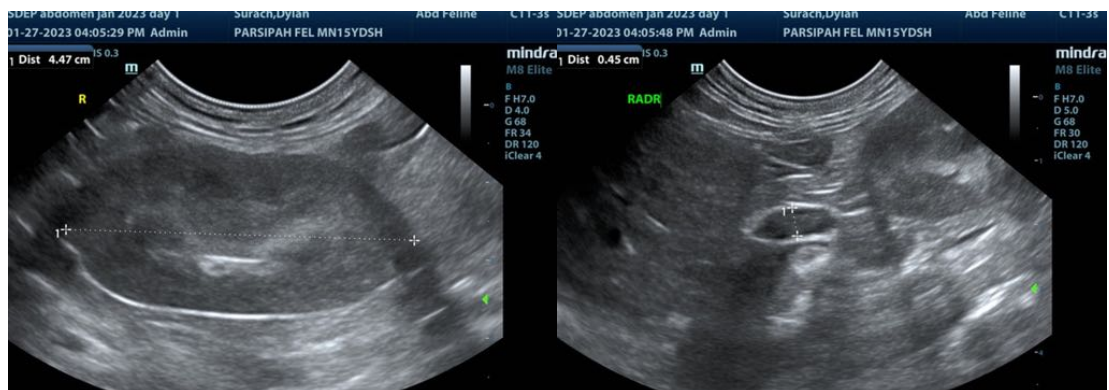
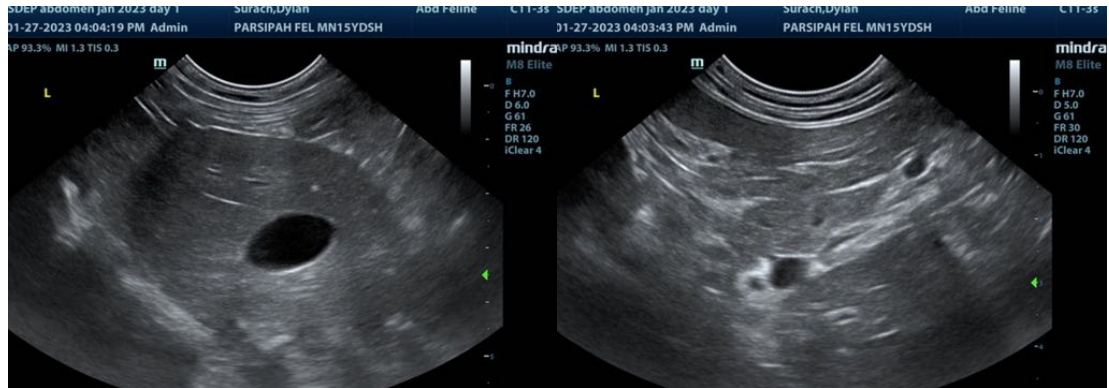
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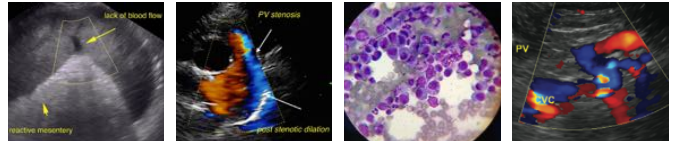
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

BREED

Domestic Shorthair

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

Info@SonoPath.com

SEX

Neutered male

AGE

15 years

WEIGHT

11.1 lbs

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