

PATIENT PRESENTING CLINICAL SIGNS

Meeps Collins P has been vomiting and having diarrhea with blood starting January 2022, lack of appetite, weight loss
Abnormal PE/Chem/CBC/UA Results: Current Medications metronidazole,

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline

Urinary System

BREED

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 were noted. Ureteral papillae were normal.

DSH

SEX

Spayed Female

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 measured 3.24 cm.

AGE

15 Years

Adrenal Glands

WEIGHT

7.4 Pounds

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 0.28 cm. The left adrenal gland measured 0.41 cm.

INTERPRETED BY

Eric Lindquist, DMV

Spleen

DABVP, Cert. IVUSS

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

Sara Hansen

Liver

HOSPITAL NAME

Reid Vet Hospital

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, 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.

REFERRING VET

Dr. Yuan

INVOICE

36090

Gastrointestinal

DATE

3/10/22

Examination of the **gastrointestinal tract** revealed diffuse intestinal thickening with hypertrophied muscularis and inversion of the muscularis/mucosa ratio. Submucosal layer was intact. Wall thickness measured up to 4.0 mm.



PATIENT *Pancreas*

Meeps Collins

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 subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SPECIES

Feline

BREED

DSH

Free Abdomen

Reactive mesentery noted.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Geriatric abdomen with diffuse intestinal thickening
- Possible pancreatitis

AGE

15 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full thickness GI biopsies are strongly encouraged. Likely inflammatory bowel with idiopathic muscularis hypertrophy. Some level of pancreatitis likely. Emerging round cell neoplasia or dry form FIP are potentials. This would necessitate full thickness GI biopsies for definitive diagnosis. Prognosis is guarded.

WEIGHT

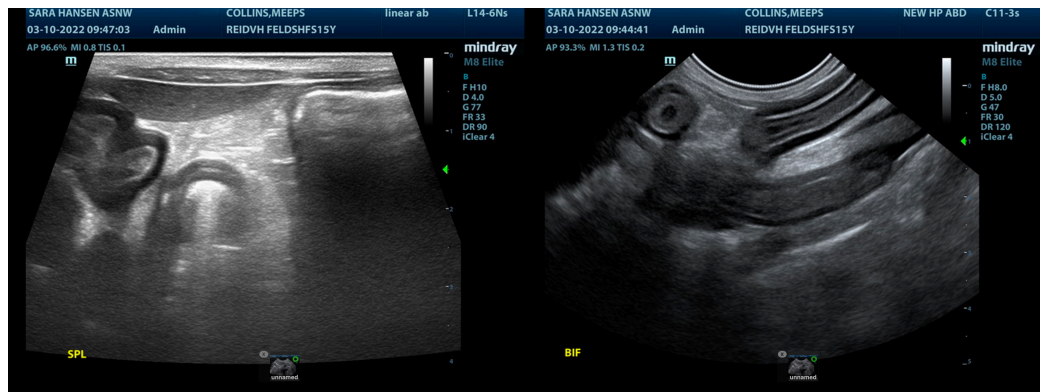
7.4 Pounds

INTERPRETED BY

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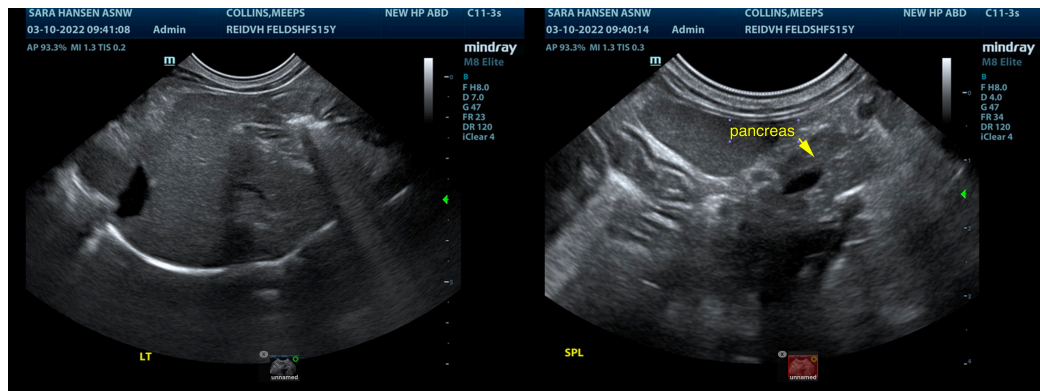
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DATE

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PATIENT

Meeps Collins

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

7.4 Pounds

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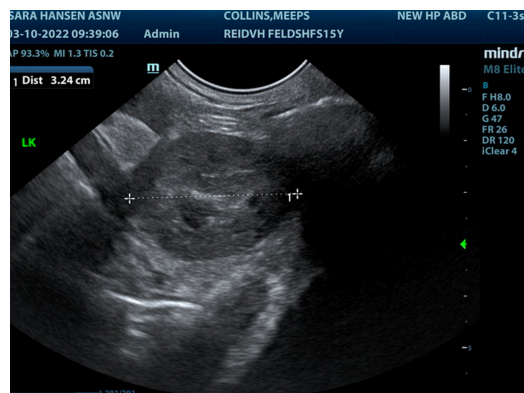
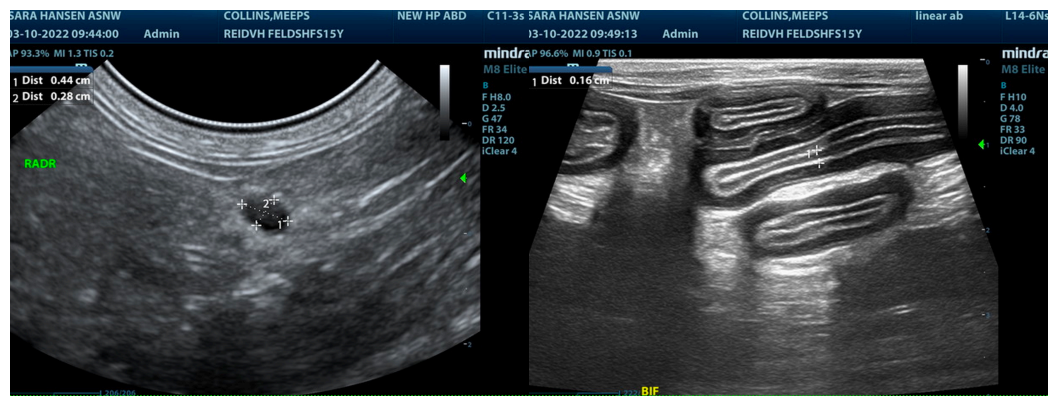
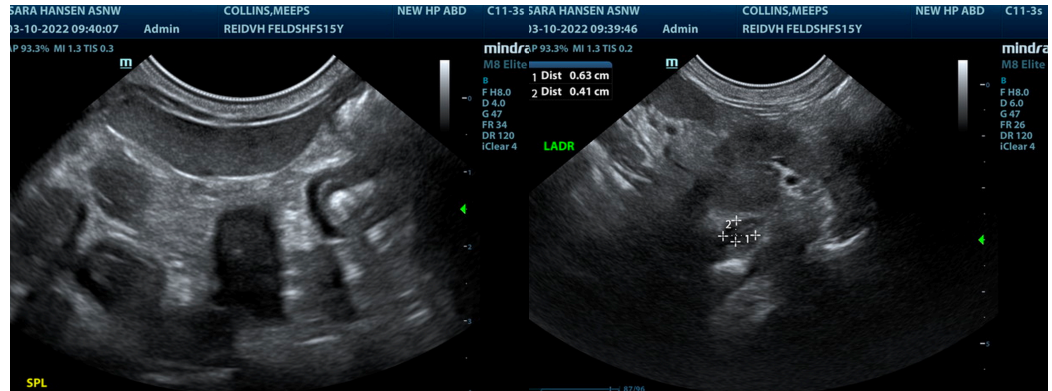
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DATE

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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, Cert. IVUSS, CEO of SonoPath.com

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