



PATIENT

Soot Thomas

PRESENTING CLINICAL SIGNS

not eating - only when giving Mirtazapine, 2-3lb weight loss over last year
Abnormal PE/Chem/CBC/UA Results: BW unremarkable

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

SEX

Neutered Male

The left kidney has a normal shape and size (4.34 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

10 Years

The right kidney has a normal shape and size (4.46 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

13 Pounds

Adrenal Glands

The left adrenal gland is normal in size measuring 0.41 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

The right adrenal gland is normal in size measuring 0.26 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

IMAGING PERFORMED BY

Adrienne Ligenza

Liver

HOSPITAL NAME

Rush Vet Center

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

REFERRING VET

Dr. Lori Milot

The gallbladder is bilobed. The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

INVOICE

37329

The stomach is difficult to visualize completely due to adjacent abnormal tissue though to be colon of small bowel. The visualized areas appear normal with normal layering. There is no significant fluid distention visualized.

DATE

5/3/22



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Most of the visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (between 0.13-0.38cm in wall thickness) and the jejunum measured as normal (between 0.15-0.36cm.) Visualized peristalsis appears appropriate. There is a focal area of bowel (large or small?) with a mineralized thick wall measuring 1.2cm and a focal shadowing structure consistent with foreign material (possibly a hairball etc..)

SPECIES

Feline

BREED

DSH

The area of the large intestine is difficult to visualize due to shadowing of the cranial abdominal structure. This could be large or small bowel. But is suspicious for a mineralized mass with foreign material. Correlate with abdominal radiographs, as this should be helpful.

Pancreas

SEX

Neutered Male

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

Free Abdomen

AGE

10 Years

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

13 Pounds

- Irregular, thick, mineralized bowel wall with shadowing intraluminal material- findings are concerning for a foreign body +/- pathology of the bowel wall (neoplasia most likely but other possibilities exist. (colon or si?)
- Bilobed gallbladder - This is likely an incidental finding.

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Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the cranial abdomen, there is a structure with a shadow suggestive of intraluminal material and surrounding thickened, mineralized wall. I am concerned that this is a focal area of luminal narrowing secondary to a mass effect possibly within the colon or si. There is no obstructive pattern visualized.

IMAGING PERFORMED BY

Adrienne Ligenza

Consider abdominal explore to further evaluate this area and possibly resect the portion of abnormal bowel. Recommend 3 view thorax. Alternately a FNA of the wall could be considered but I suspect surgery is necessary.

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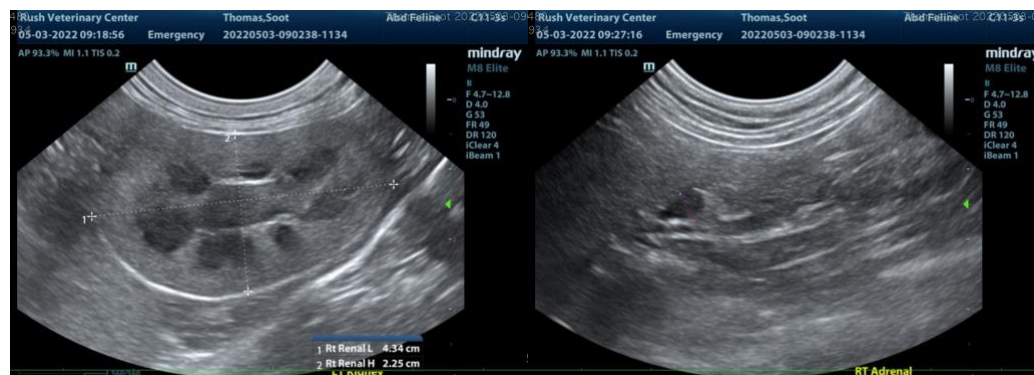
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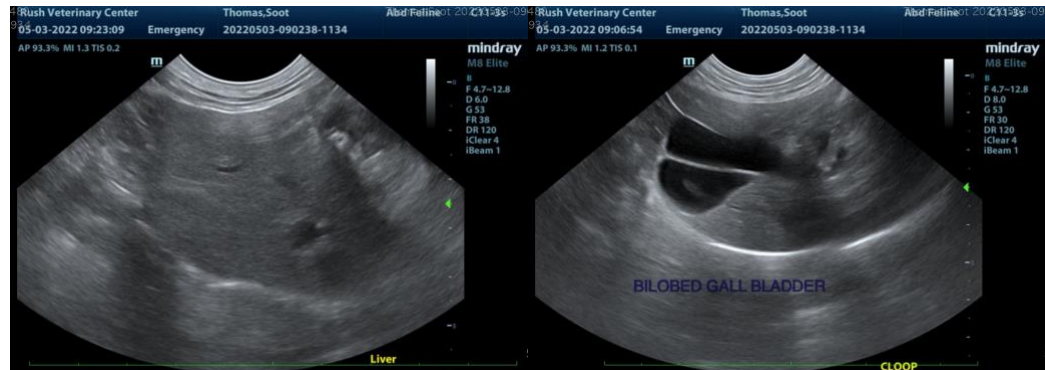
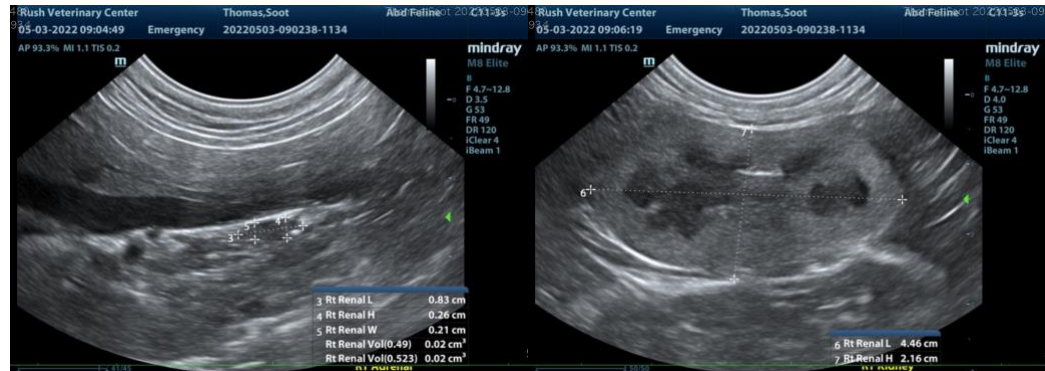
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

kathleen.sennello@sonopath.com

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Neutered Male

AGE

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