



PATIENT PRESENTING CLINICAL SIGNS

Cow Timmey History: 20% total body weight loss, vomiting

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES

Feline

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

DSH

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.9 cm in length. The right kidney measured 3.8 cm in length.

SEX

FS

AGE

2009

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was indistinctly visualized yet was without overt pathology. The left adrenal gland measured 0.40 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 cm width.

WEIGHT

9.4

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted. The spleen measured 0.56 cm in width at the level of the hilus.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

IMAGING PERFORMED BY

Rebekah Jakum, CVT
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Liver

The liver exhibited potential for mild enlargement with normal structure and contour. The liver parenchyma was uniform and mildly increased echogenicity compared to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild non organized nondependent debris. The cystic and common bile ducts were normal.

HOSPITAL NAME

Easton Animal Hospital

Gastrointestinal

REFERRING VET

NA

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. The gastric body wall measured 0.25 cm in width.

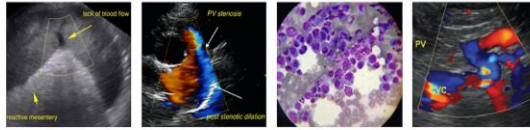
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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio to the level of the ileum. The ileum exhibited intact yet mildly prominent wall layering with mild to moderate nonshadowing ingesta/chyme extending to the level of the ileocolic junction. The ileocolic junction exhibited moderate hypoechoic mural hypertrophy with loss of discernible wall layering. The ileocolic junction measured approximately 2.0 cm in diameter with wall width up to 1.0 cm.

DATE

07/11/2022



PATIENT Minor associated colic lymphadenopathy was present, an example of a colic lymph node measured 0.35 cm in diameter. Regional peri ileocolic hyperechoic mesentery was noted.
Cow Timmey
Intact yet prominent proximal colon walls containing formed to semi formed fecal matter were present. Potential for mild colonic distention was present.

SPECIES

Pancreas
Feline

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

BREED

DSH *Free Abdomen*

No peritoneal effusion was present.

SEX

FS

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AGE

2009

ULTRASONOGRAPHIC FINDINGS

- Ileocolic mass with regional mildly hyperechoic mesentery
- Concurrent intact yet prominent ileum and proximal colon walls with subjective retained ingesta/chyme
- Potential mild hepatomegaly
- Mild gallbladder debris
- Mild age related kidney changes

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Consideration for the ileocolic mass may include neoplastic criteria such as lymphoma or adenocarcinoma which is suspected. Potential for granulomatous disease i.e. dry form FIP or fibroplasia is also possible. Assuming normal clotting status an ultrasound guided FNA of the ileocolic mass could be considered for screening cytology and potential oncology consult. Concern for possible early infiltration into the ileum and proximal colon is warranted although is not definitive. Concurrent screening hepatic FNA is suggested to assess for evidence of metastasis. Three view chest radiographs are suggested if not done.

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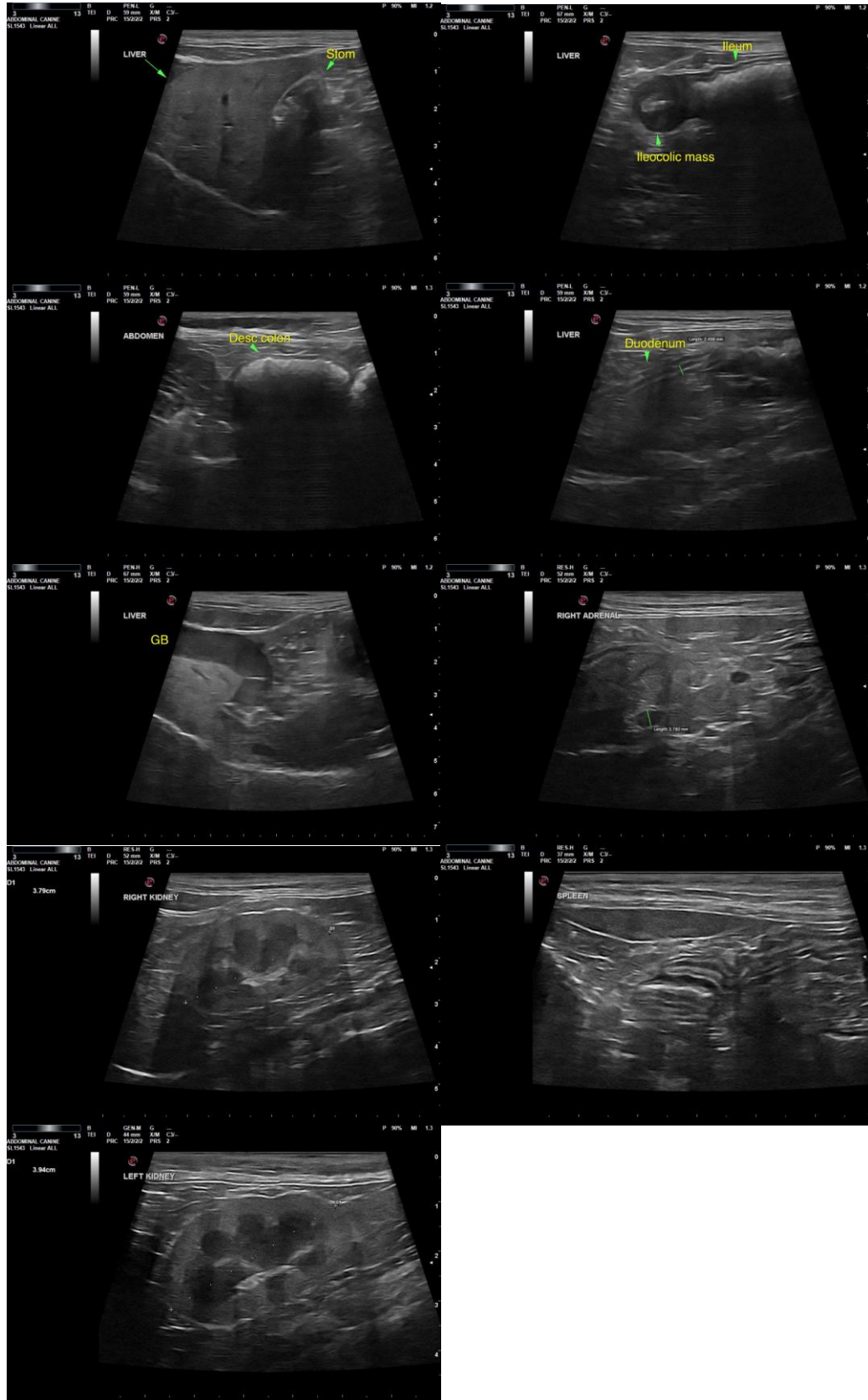
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PATIENT

Cow Timmey

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

DSH

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