



PATIENT

Lola Palmer

SPECIES

Canine

BREED

French Bulldog

SEX

FS

AGE

4yr

WEIGHT

24.8lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield Veterinary
Services

REFERRING VET

Dr. Rodriguez

INVOICE

12791ag

DATE

01/25/2023

PRESENTING CLINICAL SIGNS

Presented 1/16/23 for vomiting and lethargy. Bloodwork indicated elevated lipase. Supportive care was given. Presented today after vomiting last night and not eating today

Abnormal PE/Chem/CBC/UA Results: 1/16/23: Lipase: 2213, RBC: 7.75, HCT: 54.4 otherwise WNL. Chem 17 pending today. Fecal pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 4.5 cm in length. The right kidney measured 4.7 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.64 cm width at the caudal pole and 2.4 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.58 cm width at the caudal pole and 2.0 cm length.

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.

Liver/Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic 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. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. The gastric body wall measured 0.44 cm width. Mild gastric distension with luminal gas was present.

The small intestine presented intact mildly prominent wall layering with generalized prominent mucosa layer. Mild upper duodenal ileus present with no signs of obstruction or foreign material. The duodenum wall measured 0.50 cm width. The jejunum wall measured 0.45 cm width.



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Normal visible colon wall layers were present with apparent semi formed feces in lumen.

Lola Palmer

Pancreas

SPECIES

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.

Canine

Free Abdomen

BREED

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

French Bulldog

Intermittent, mildly prominent to enlarged mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a lymph node measured 1.8 cm x 0.8 cm.

SEX

ULTRASONOGRAPHIC FINDINGS

FS

- Inflammatory gastroenteropathy, possible IBD
- Overtly normal pancreas
- Intermittent benign/reactive mesenteric lymphadenopathy

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

4yr

WEIGHT

No evidence of GI obstructive pattern of foreign material was observed. No sonographic evidence of significant or active pancreatitis although low-grade pancreatitis may present sonographically normal. Reactive pancreatic changes owing to primary inflammatory intestinal disease could be present. Hospitalization with 48-72 hour IVF and GI support may prove beneficial.

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INTERPRETED BY

Correlation with pending lab work and fecal analysis +/- resting cortisol level and assessment of cobalamin/folate levels is recommended. Once the patient is stabilized a hydrolyzed diet with possible long term diet therapy, empirical deworming and as needed GI support could be considered.

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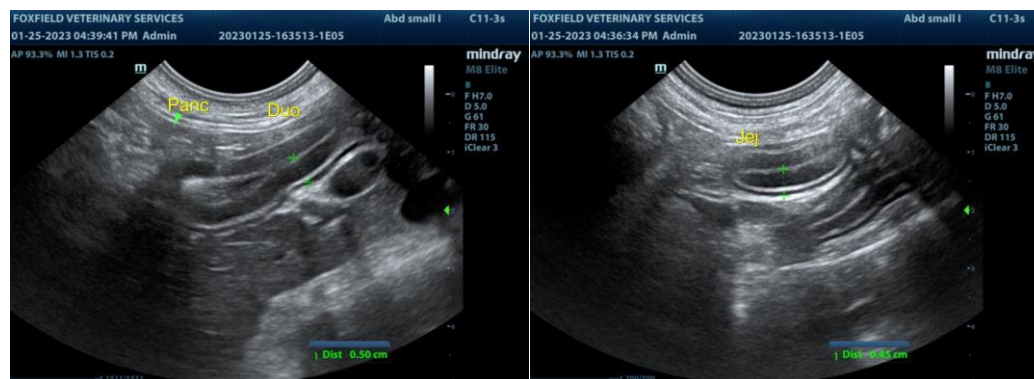
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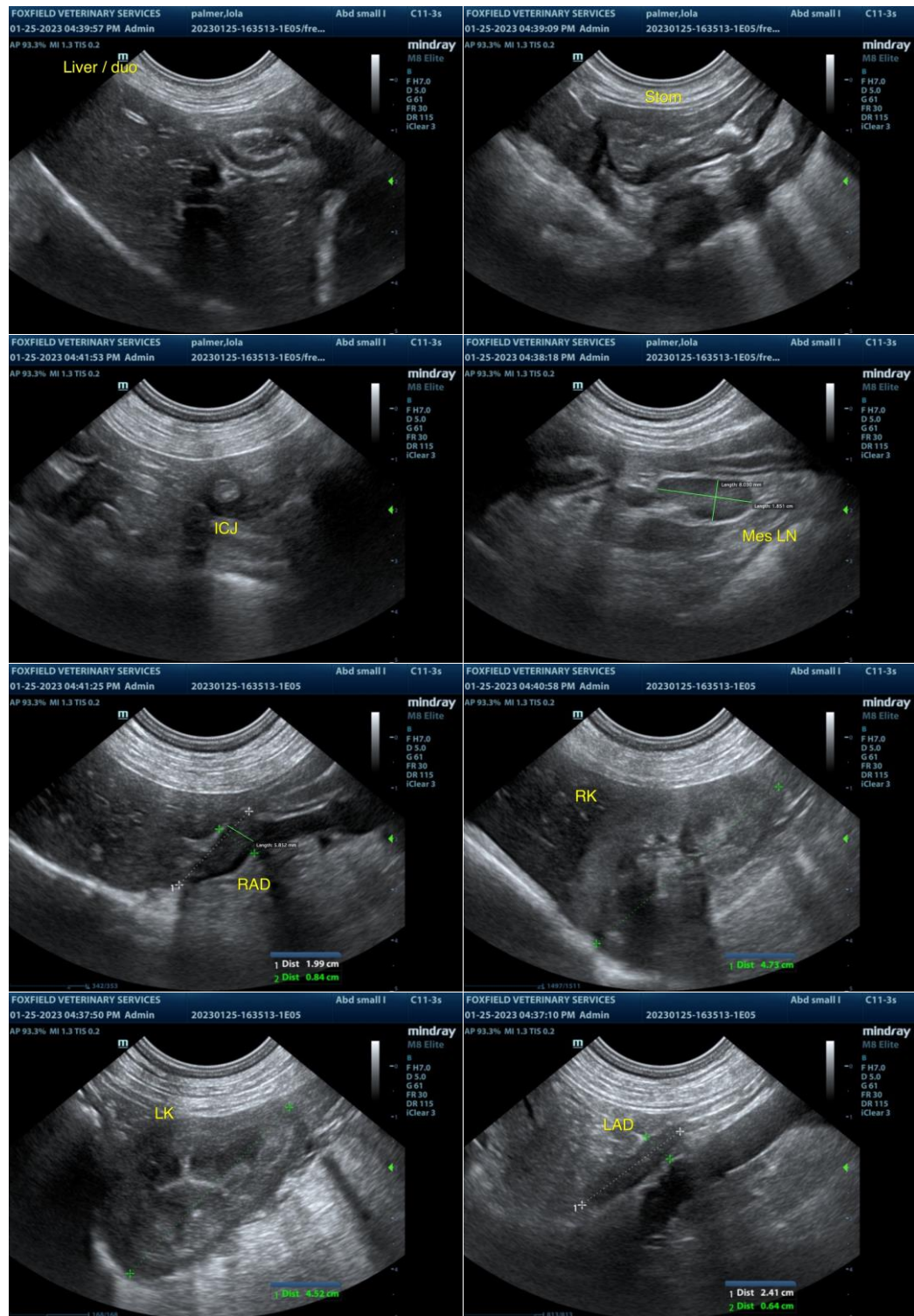
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



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can be of any further assistance, please contact me.

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