



PATIENT

Chunk Dykeman

SPECIES

Canine

BREED

English Bulldog

SEX

MN

AGE

2yr

WEIGHT

34.2kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Kuzimski

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Kuzimski

INVOICE

23365

DATE

12/29/2025

PRESENTING CLINICAL SIGNS

Patient has been sick since Christmas/Friday. he is not wanting to eat as much (though he ate some today). he was vomiting. he had radiographs on saturday - no obvious foreign body (pepto tablet noted in stool). patient still isn't fully improving on outpatient care. radiographs today had loss of serosal details. transferred here for further care.

Abnormal PE/Chem/CBC/UA Results: Abdomen: Tense on palpation with discomfort. No overt organomegaly appreciated CBC. severe leukocytosis with neutrophilia, lymphocytosis, monocytosis. Chemistry. phosphorus 5.9, calcium 8.9, total protein 4.7, globulins 1.9 EPOC. hCT 35% Radiographs. performed at rDVM Other: CpLi- Normal

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 evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was 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 6.1 cm in length. The right kidney measured 6.0 cm in length.

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology

Adrenal Glands

The left adrenal gland was indistinctly visualized without overt pathology. The left adrenal gland subjectively measured 0.62 cm width at the caudal pole. The right adrenal gland was not definitively visualized, no overt pathology in the area of the right adrenal gland.

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 presented normal in size. The hepatic parenchyma revealed diffuse reduced echogenicity compared to the spleen and renal cortical parenchyma with a mild coarse echotexture. Mild increased portal vein prominence was evident. The capsule of the liver was normal in margination. Distinct masses or nodules were not evident. The hepatic and portal vasculature were normal in appearance.



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The gallbladder was non-distended in size with minor non-organized gallbladder neck debris. The cystic and common bile ducts were normal.

Gastrointestinal

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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 small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material.

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

Pancreas

SEX

The area of the pancreas was sonographically normal.

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Free Abdomen

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Irregularly enlarged, non-homogenous hypoechoic mesenteric lymph nodes were present mid-abdomen adjacent to the mesenteric root vasculature. The lymph nodes exhibited symmetrical to rounded margination. The enlarged lymph nodes were bordered by echogenic to reactive mesentery. An example measured 6.6 cm x 1.9 cm.

ULTRASONOGRAPHIC FINDINGS

Primary

- Multiple hypoechoic swollen mesenteric lymph nodes, surrounding peri lymphatic hyperechoic omentum
- Overall sonographically unremarkable gastrointestinal tract
- Mild hypoechoic liver
- Minor non-organized gallbladder debris
- Normal spleen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The significant mesenteric lymphadenopathy meets neoplastic criteria. Potential for concurrent or associated significant mesenteric lymphadenitis, lymphatic necrosis or less likely severe lymphatic hyperplasia possible. Additional evidence of intra-abdominal neoplastic criteria was not obvious with the hypoechoic liver non-specific. Further assessment may include assuming normal clotting status, accessible lymph node FNA cytology +/- C/S as well as screening hepatic FNA cytology. No evidence of mechanical gastrointestinal obstruction or foreign material.

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Gastrointestinal support pending sampling considered essential for further clarification and potential for oncology consult if neoplastic process is confirmed is recommended.

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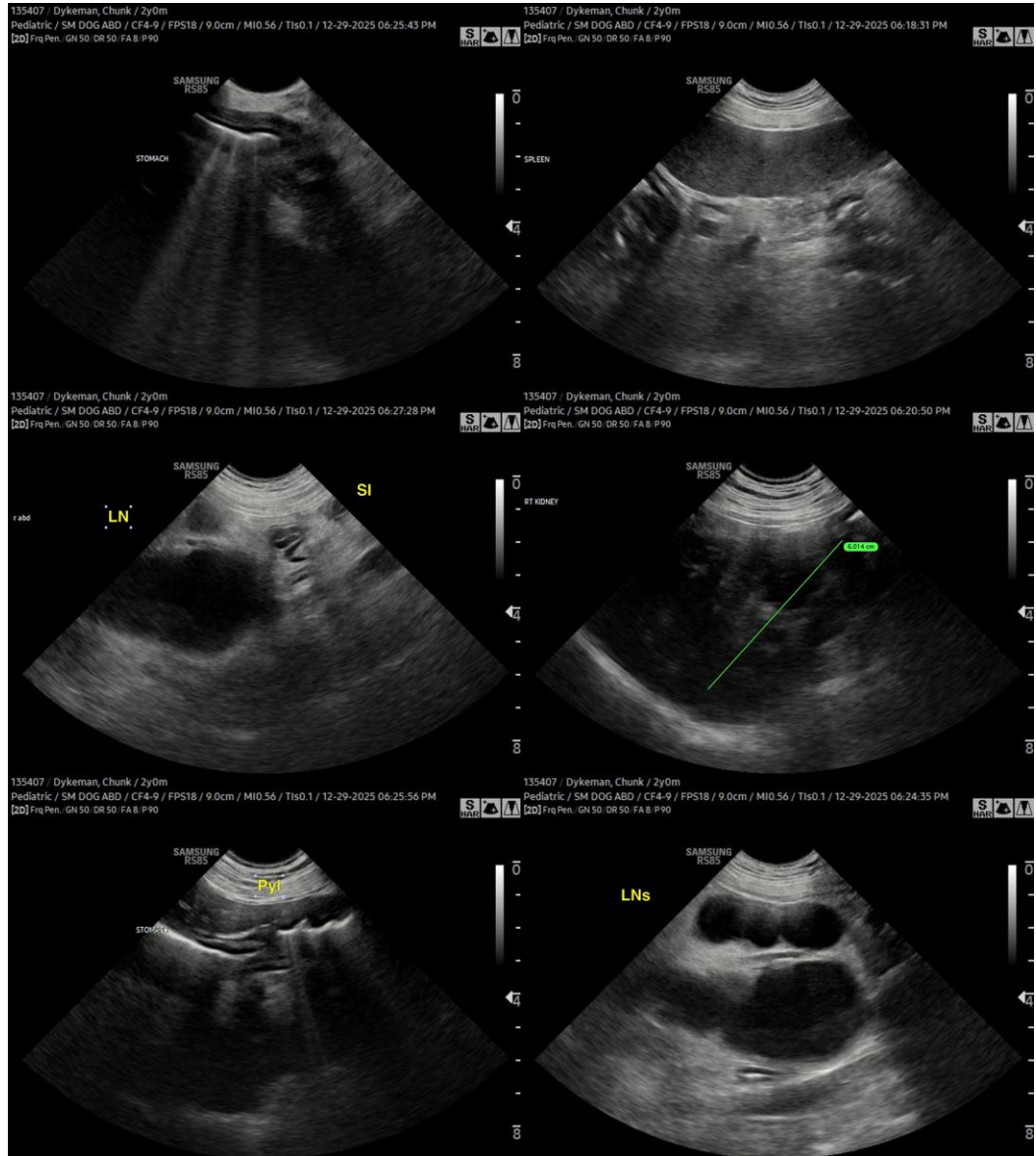
Dr. Kuzimski

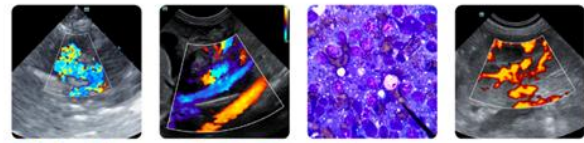
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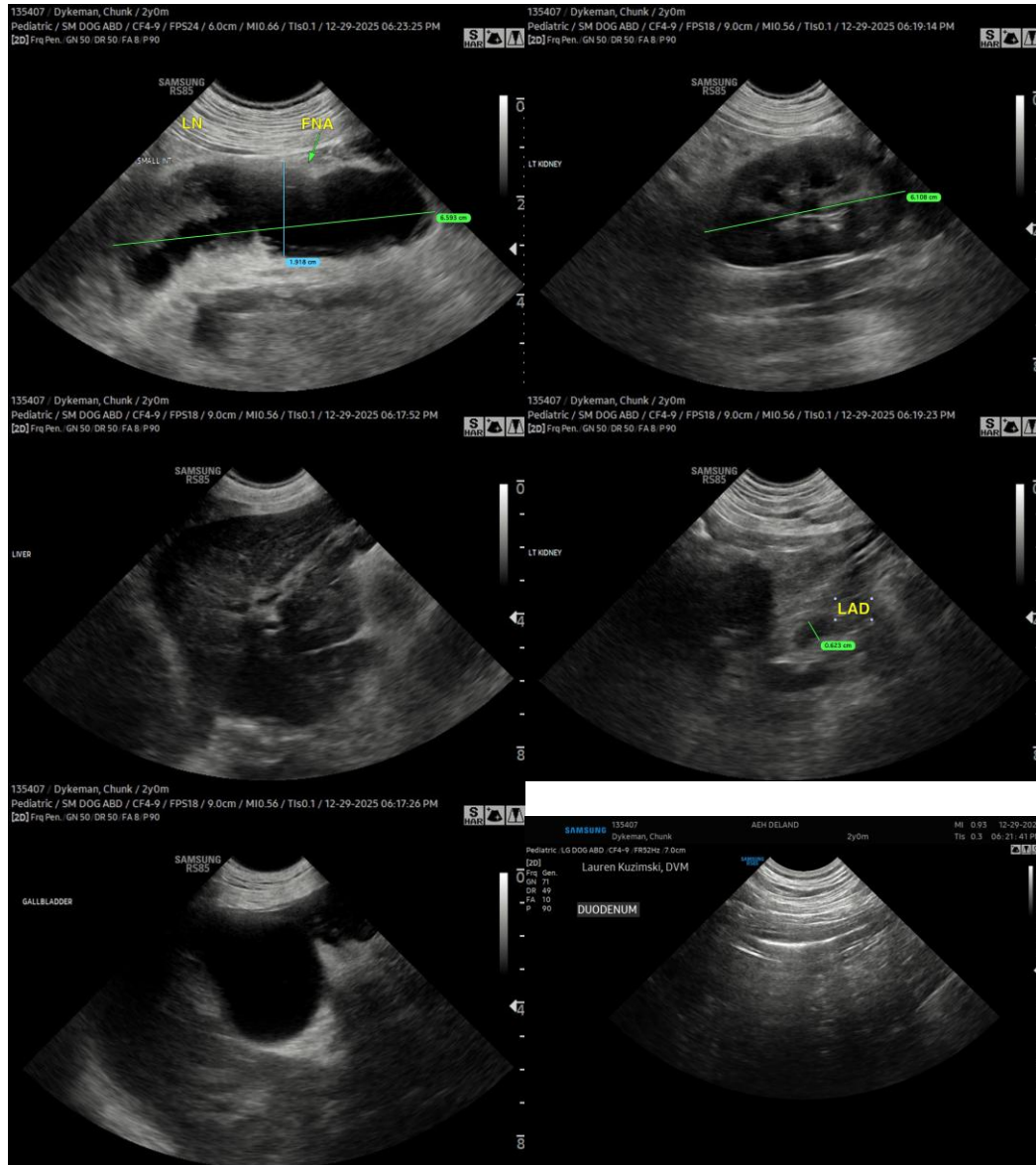
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com