



PATIENT

Lucy Strause

SPECIES

Canine

BREED

Poodle Mix

SEX

SF

AGE

6M

WEIGHT

2.11kgs

INTERPRETED BY

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

IMAGING PERFORMED BY

Renee Trionfetti,
VMD

HOSPITAL NAME

Blue Pearl Wyomissing

REFERRING VET

Blue Pearl
Wyomissing, ER

INVOICE

74420

DATE

4-1-26

PRESENTING CLINICAL SIGNS

- AUS to further evaluate vomiting and diarrhea for the last few days. Spayed about 1 week prior, started on Meloxicam. First time that she vomited it contained stuffing from a toy. O believes V/D may have also been related to Meloxicam. O stopped the Meloxicam and vomiting improved. O started a bland diet. However, diarrhea continued. Presented to the ER for further diagnostics.
- No current medications

Abnormal PE/Chem/CBC/UA Results: - CBC/Chem: pending in ER

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

No evidence of pathology in the area of the uterine remnant.

No evidence of pathology in the area of the aortic trifurcation.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and adequate corticomedullary border demarcation were present. 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. Pinpoint to discrete hyperechoic medullary foci was present within both kidneys. The left kidney measured 2.7 cm in length. The right kidney measured 2.9 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.25 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.27 cm width at the caudal pole.

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. Normal hepatic vascular volume was present. 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. Normal vascular volume was present. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, 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 ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with semi-formed to soft fecal matter in lumen.

Pancreas

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.

Free Abdomen

No peritoneal effusion was present.

Intermittent, mildly prominent 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).

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Normal bilateral kidneys exhibiting discrete hyperechoic medullary foci.
- Sonographically normal gastrointestinal tract/colon with semi-formed/soft fecal matter.
- Intermittent mild benign mesenteric lymphadenopathy - consistent with immunologic immaturity or mild hyperplasia.

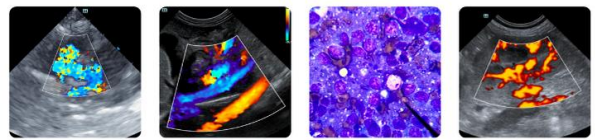
Secondary Findings

- Normal volume liver.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of renal pathology or dysplasia criteria. The discrete hyperechoic renal medullary foci is nonspecific and may indicate pinpoint to minor areas of medullary fibrosis or mineralization yet not considered clinically significant pending assessment of renal function. Correlation with pending labwork and urinalysis is recommended.

Fresh fecal analysis, screening cortisol level, and GI panel to include PLI/TLI/Cobalamin/Folate may be considered. Gastrointestinal support which may include dietary trial, probiotics, and/or empirical deworming may prove beneficial.



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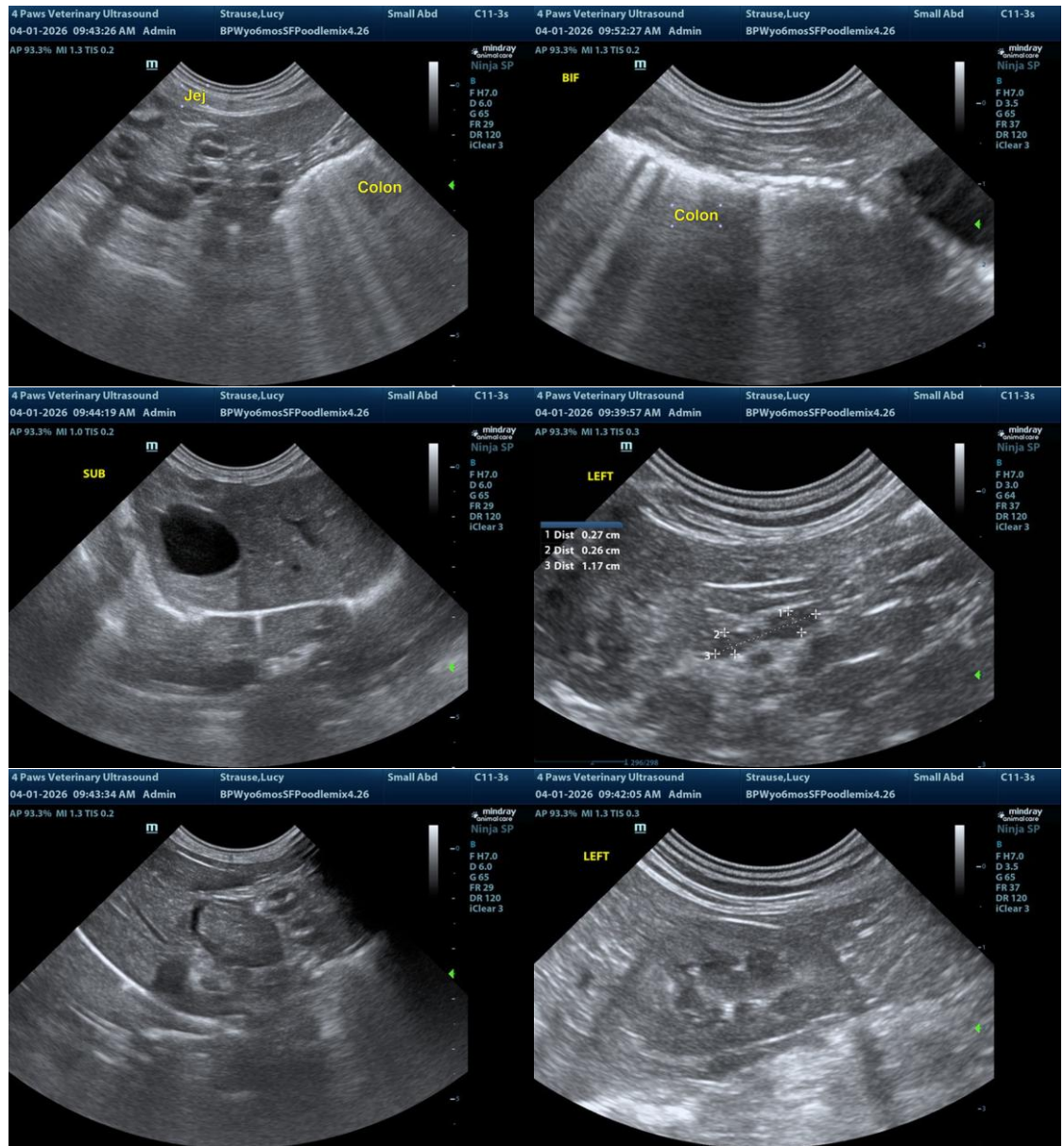
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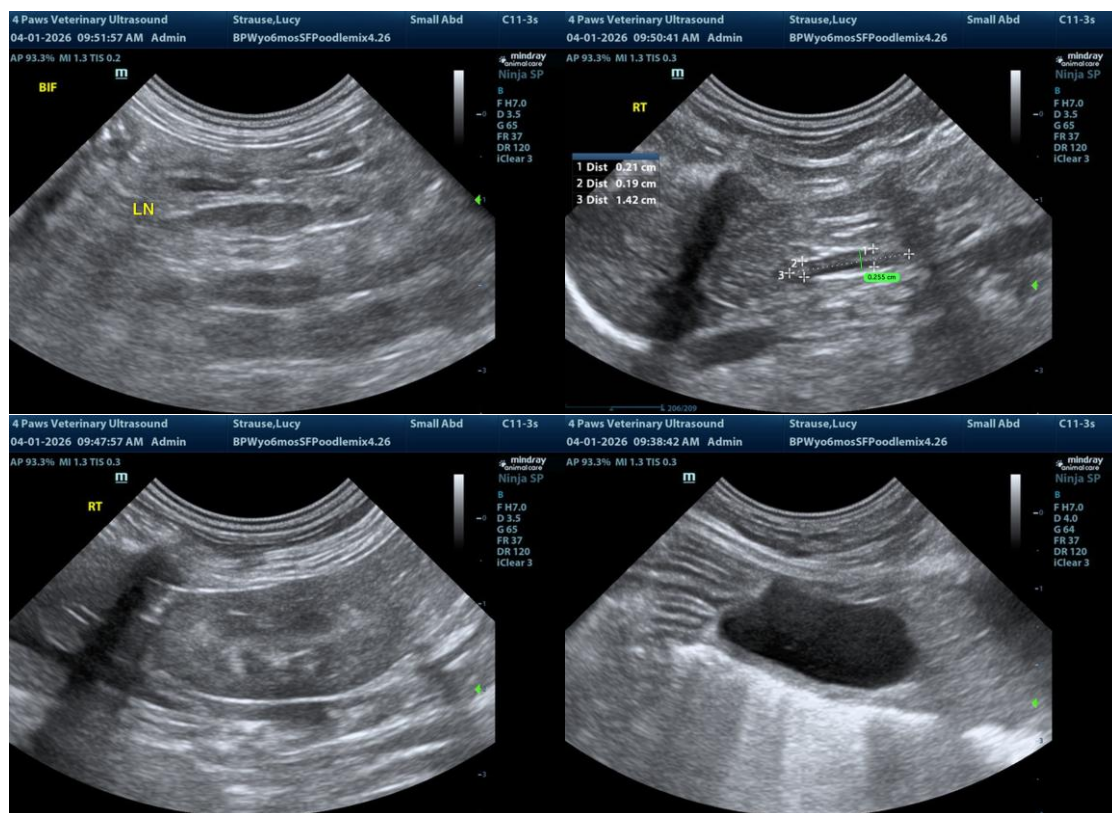
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

info@sonopath.com