

PATIENT

Luna Dolan

SPECIES

Canine

BREED

Pomeranian

SEX

Female Spayed

AGE

2014

WEIGHT

8.2

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT,
ARDMS/RVT

HOSPITAL NAME

Aloha AH

REFERRING VET

Freese

INVOICE

13178

DATE

2/6/26

PRESENTING CLINICAL SIGNS

History: History of IBD, diarrhea, weight loss, vomiting, regurgitation

Medication: tylan, Pepcid, Lasix, metronidazole

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 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. Pinpoint medullary mineral noted. The left kidney measured 3.1 cm in length. The right kidney measured 3.4 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 0.42 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 0.47 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.

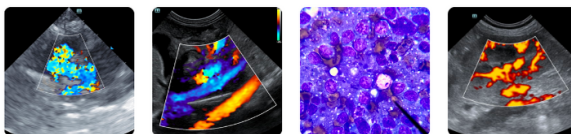
Liver

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 mild to moderate, non-dependent to congealed, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

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. Pylorus wall measured 0.40 cm.

The small intestine presented intact wall layering with overall non-thickened intestinal wall. Propensity for prominent mucosa with mild, hyperechoic duodenojejunal mucosal speckling. Duodenum wall measured 0.43 cm and jejunum wall measured 0.32 cm. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.



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

Luna Dolan

Pancreas

SPECIES

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Canine

Free Abdomen

BREED

Intermittent, mildly prominent to enlarged mesenteric nodes present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). No evidence of peritoneal effusion present.

Pomeranian

SEX

PRIMARY FINDINGS

Female Spayed

- Normal empty stomach
- Enteropathy exhibiting subjective prominent mucosa and duodenojejunal mucosal speckling
- Semi-formed fecal matter in colon
- Heterogeneous remodeled pancreas
- Intermittent mild mesenteric lymphadenopathy – consistent with benign criteria with mild reactive hyperplasia or possible lymphadenitis probable

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SECONDARY FINDINGS

- Congealed, non-organized gallbladder debris (non-mucocele)
- Age-related renal changes with normal adrenal glands

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although nonspecific, the small intestine likely correlates with chronic IBD or other inflammatory enteropathy. Recheck lab work to assess for evidence of cholestasis and serum protein levels is suggested. A GI panel to include PLI/TLI/Cobalamin/Folate, 3-view chest radiographs and +/- screening cortisol level warranted. The appearance of the gastrointestinal tract is non-specific with considerations including dietary intolerance / food hypersensitivity, infectious disease, dysbiosis, enterotoxin, inflammatory bowel disease, mild pancreatitis, occult parasitism, occult Addison's Disease, occult neoplasia, or other.

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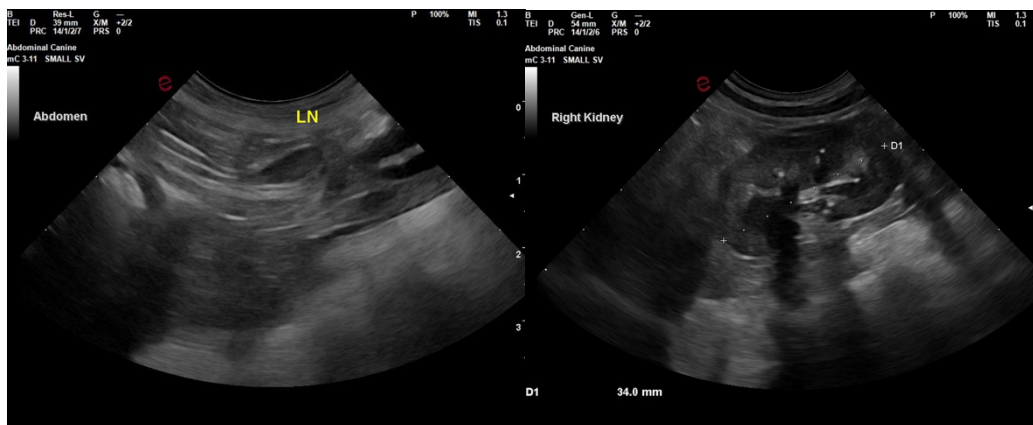
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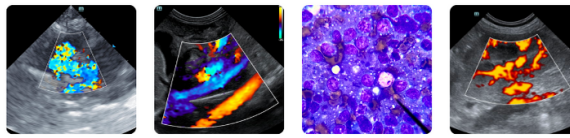
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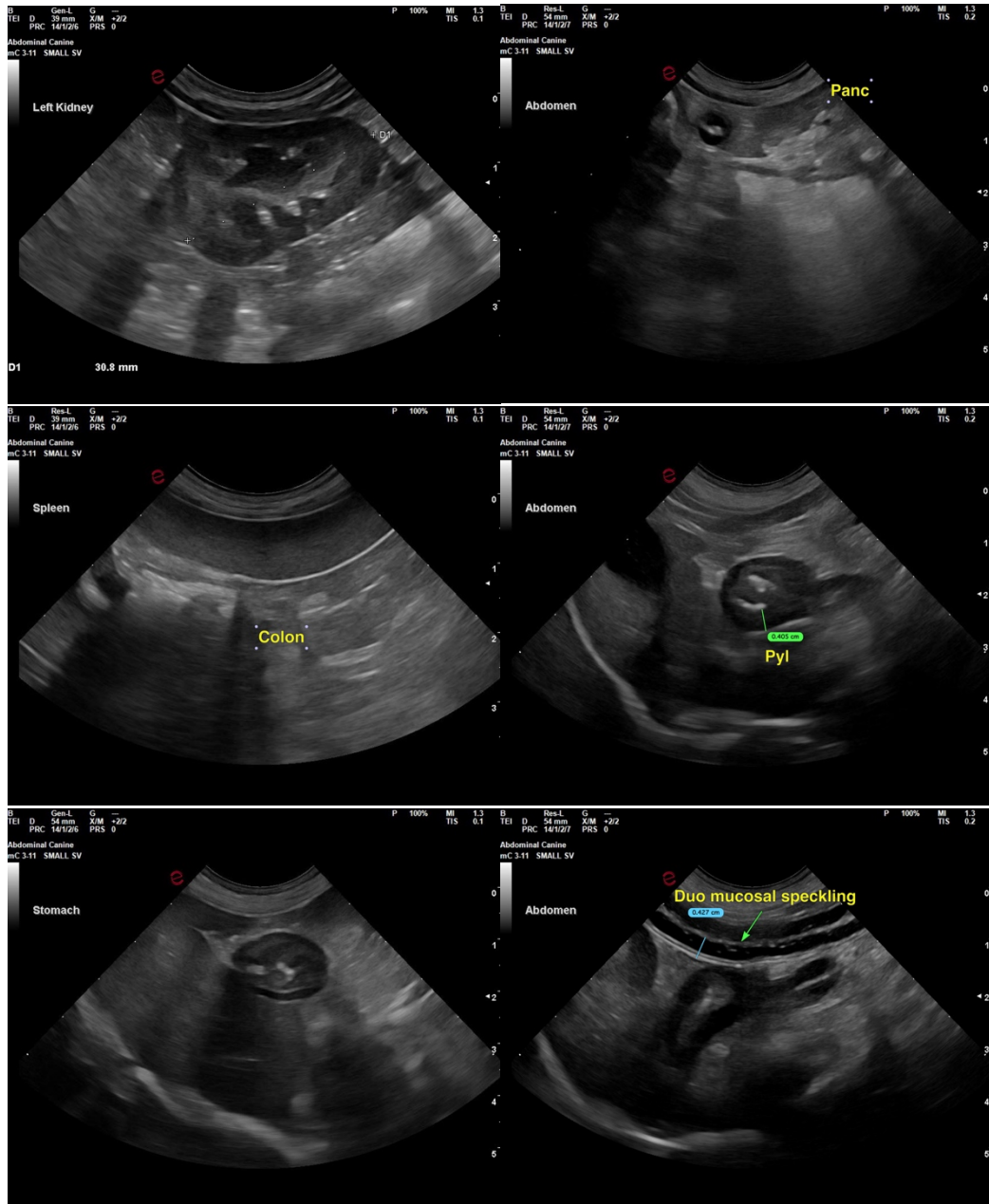
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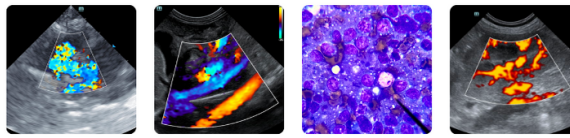
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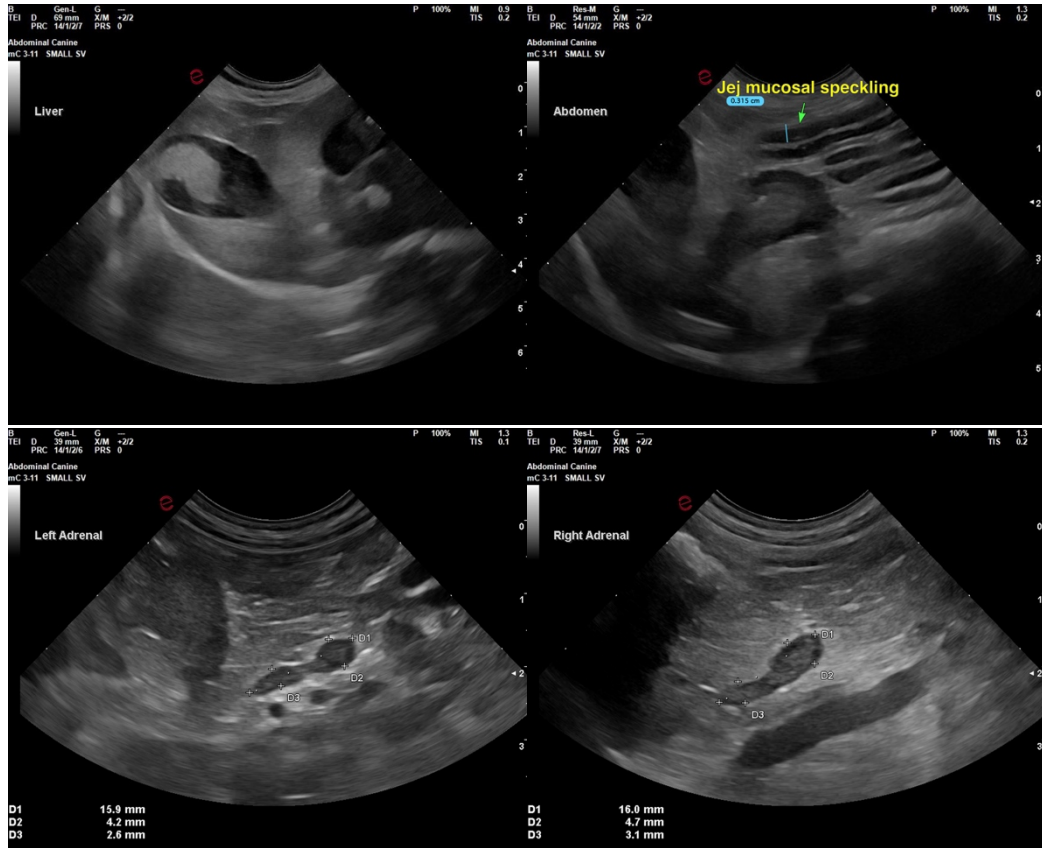
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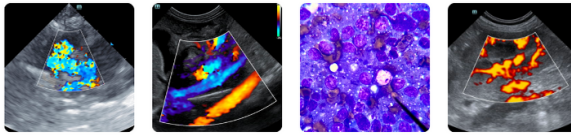


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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



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