

PATIENT PRESENTING CLINICAL SIGNS

Bella Garrett

SPECIES

Bella has had chronic intermittent diarrhea for years. She recently had an abnormal cPL. She has been treated with Metronidazole and Provable and is currently on a low-fat diet.

Canine

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Weimaraner

Urinary System

SEX

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 was noted.

Spayed Female

AGE

The area of the aortic trifurcation was free of pathology.

5

WEIGHT

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 5.9 cm in length. The right kidney measured 5.5 cm in length.

74

INTERPRETED BY

Adrenal Glands

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

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.82 cm in width at the caudal pole and 0.59 cm in width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.74 cm in width at the caudal pole.

IMAGING PERFORMED BY

Spleen

Dr. Hannah Fearing

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.

HOSPITAL NAME

Lanier Animal Hospital

REFERRING VET

Liver/ Gallbladder

Dr. Hannah Fearing

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 primarily with mild echogenic gallbladder sediment. No evidence of gallbladder inflammatory criteria. The cystic and common bile ducts were normal.

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Gastrointestinal

7/21/2023

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. Segmental non-specific mildly hyperechoic mucosal speckling. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.



PATIENT

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

SPECIES

Pancreas

Canine

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

BREED

Weimaraner

Free Abdomen

SEX

No omental masses. No overt or significant omental lymphadenopathy. No evidence of peritoneal effusion was present.

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

Primary Findings

5

WEIGHT

74

- Non-specific enteritis/enteropathy exhibiting mild segmental mucosa speckling.
- Sonographically normal colon containing formed to semi-formed fecal matter.
- Heterogeneous pancreas
- Mild gallbladder sediment (non-mucocele)

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Dr. Hannah Fearing

Small intestinal appearance is non-specific yet may suggest chronic inflammatory criteria. Dietary intolerance/food hypersensitivity, inflammatory enteropathy, dysbiosis, low-grade or chronic pancreatitis which may present sonographically normal, occult parasitism, occult Addison's disease, infiltrative intestinal neoplasia (less likely), all potentials. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Although considered less likely given normal adrenal appearance resting cortisol level to rule out occult Addison's disease is suggested. The appearance of the gastrointestinal tract was non-specific with considerations including dietary intolerance/food hypersensitivity, occult parasitism, and inflammatory bowel disease without evidence of mural changes or other. A GI panel to include PLI/TLI/Cobalamin/Folate, fresh fecal analysis to assess for parasitic ova / Giardia, and resting cortisol to rule out occult Addison's Disease is warranted.

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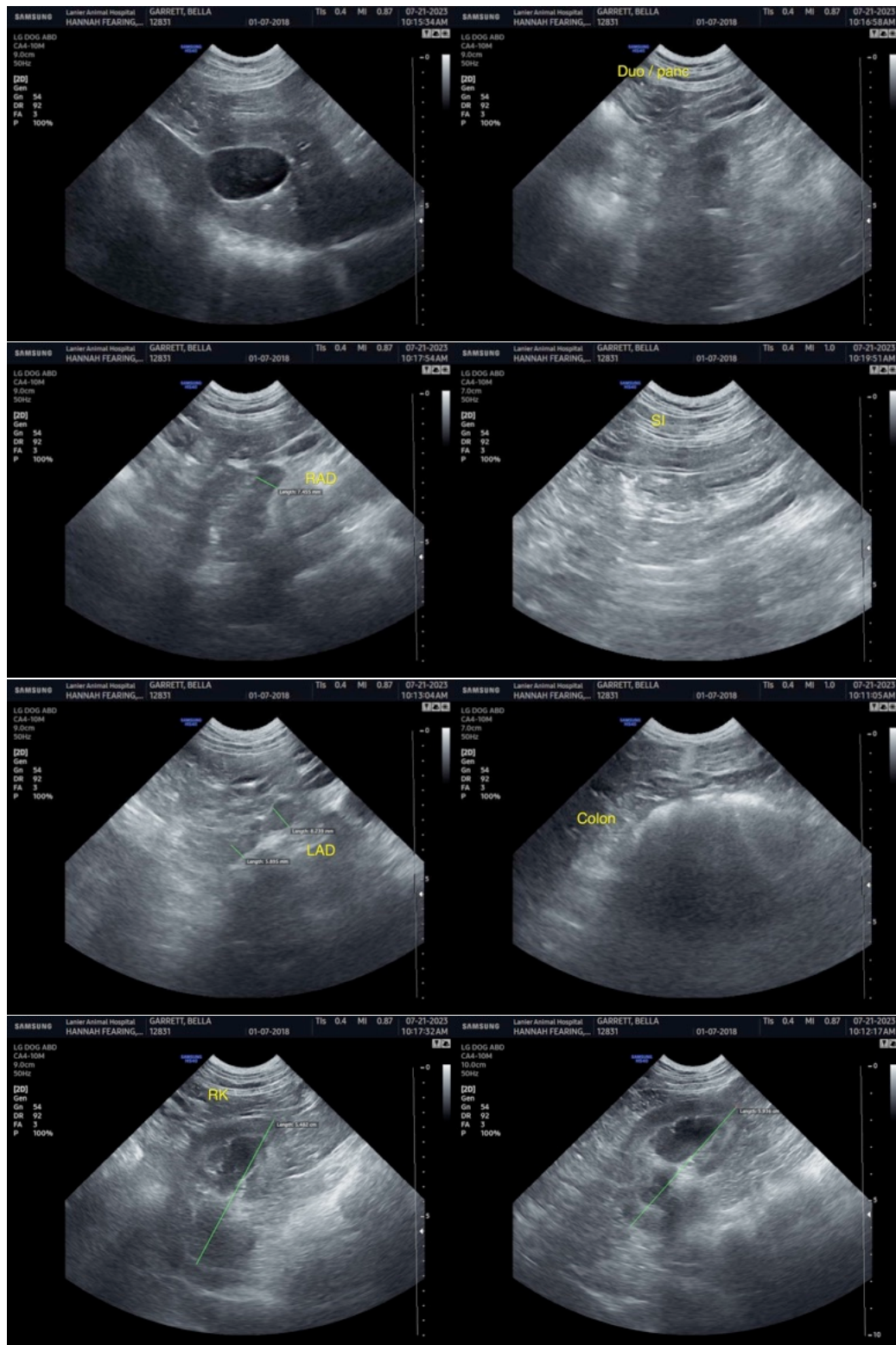
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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.

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info@SonoPath.com

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Weimaraner

SEX

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