



PATIENT

Bella Sandel

SPECIES

Canine

BREED

Saint Bernard Mix

SEX

Spayed female

AGE

13 years

WEIGHT

73 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Bridget Kanelli, LVT

HOSPITAL NAME

Thorn Avenue AH

REFERRING VET

Dr. Schaefer

INVOICE

73880

DATE

3/26/26

PRESENTING CLINICAL SIGNS

- PU/PD
- 6lbs weight loss
- Radiographs show: Stomach distention with abnormal gas patterns
- No vomiting
- p sedated with 0.2/0.2 dexmedetomidine/butorphanol.
- AST, ALT and Alk Phos elevated

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN *Urinary System*

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.47 cm. The left kidney measured 6.58 cm.

Adrenal Glands

The left **adrenal gland** was enlarged and hypoechoic to the surrounding fat measuring 2.4 cm. The left adrenal gland was visualized from the right and left approaches. The right adrenal gland measured 1.2 cm at the cranial pole and 0.75 cm at the caudal pole.

Spleen

The **spleen** revealed a focal, hypoechoic nodule measuring 1.1 cm.

Liver

The **liver** revealed a multi-focal, macronodular change that created a mass effect and occupied the majority of the cranial liver. The gallbladder was deviated with a minor amount of excessive, inspissated bile.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a mix of small soft shadowing and ingesta retention in the stomach with a 2cm structure in the pylorus. This can be postprandial but since



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the patient was n.p.o. for 18 hours then something like a rawhide or foreign matter is possible, yet not causing overt signs which is common. The small intestines and colon were unremarkable with normal curvilinear mural patterns and content.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Multiple liver masses.

Splenic nodule.

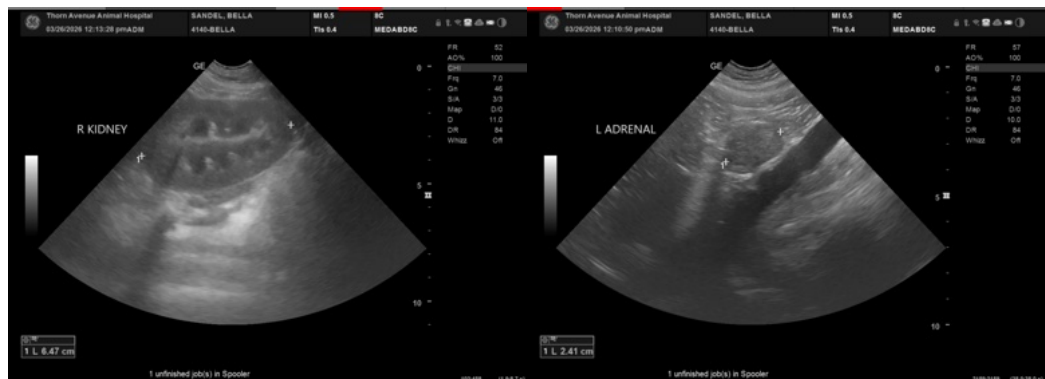
Enlarged left adrenal. Adenoma, adenocarcinoma and pheochromocytoma are all potentials.

Soft shadowing objects and retention of ingesta with a 2.0 cm structure in the pylorus.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

**The sound beam attenuation was somewhat of an issue in the cranial abdomen.

FNA of the liver and spleen is indicated. There is a strong concern for metastatic process. I also recommend assessment for hypertension or Cushing's disease. If these are all negative and structures are persistent in the GI tract, then an exploratory could be considered with sampling of the left adrenal, splenic lesion and liver biopsy.





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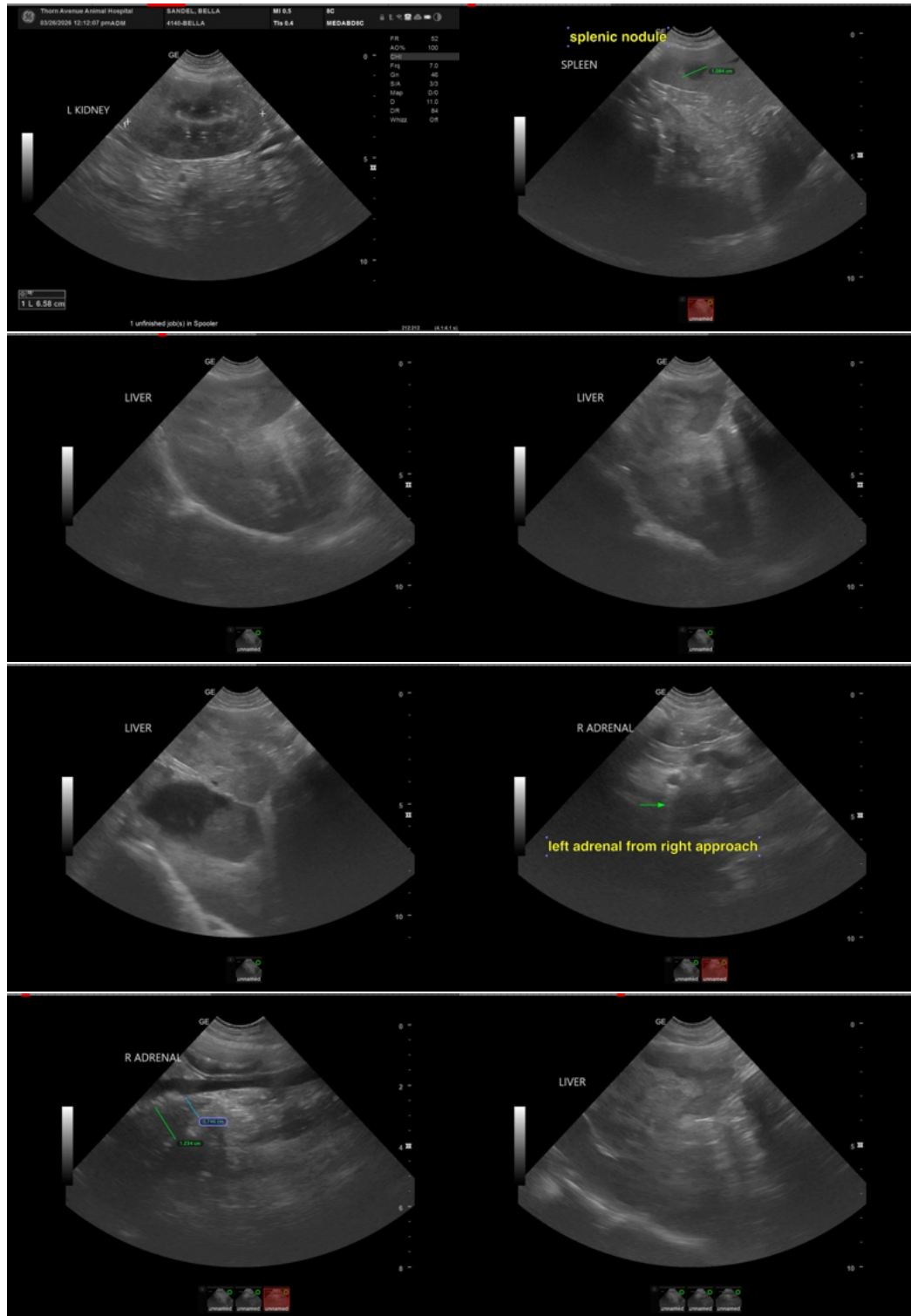
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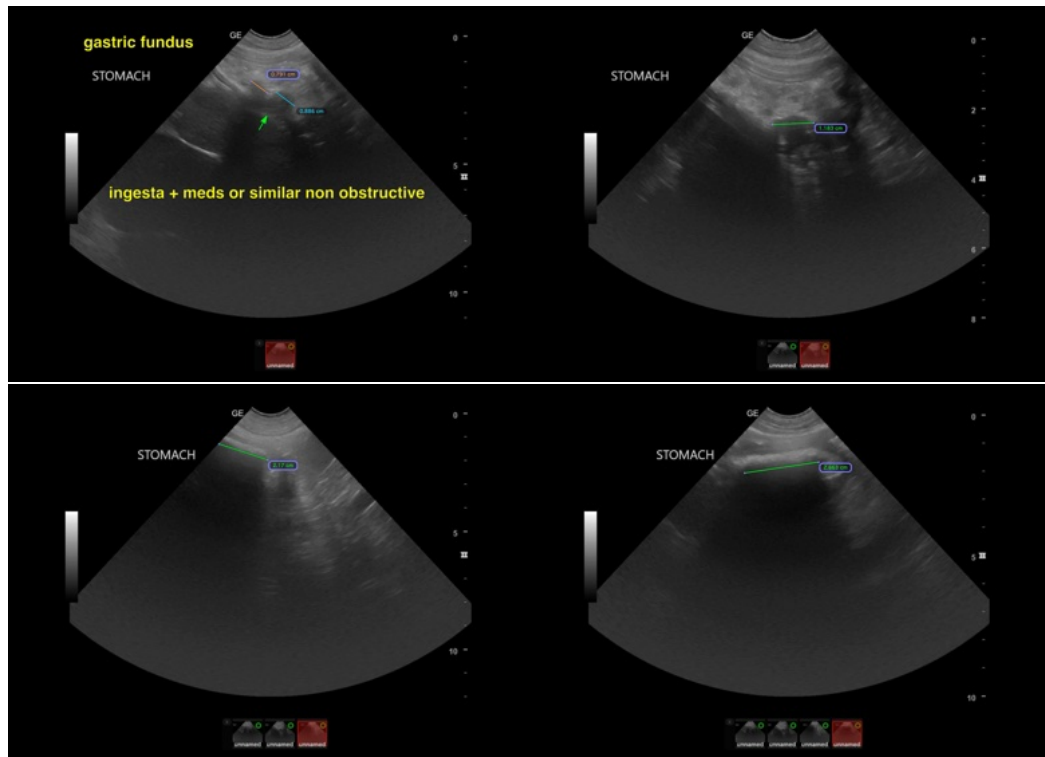
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP (CFM), Cert. IVUSS, CEO of SonoPath.com

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