

**PATIENT**

Sophie Ann Gordon

SPECIES

Canine

BREED

Golden Retriever

SEX

FS

AGE

11 years

WEIGHT

90 lbs.

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP (Canine
and Feline)**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAMESVS Imaging
Michigan**REFERRING VET**

Family Pet Practice

INVOICE

13663

DATE

4/14/22

PRESENTING CLINICAL SIGNS

History of melanoma (currently receiving vaccine). 8 week history of PU/PD, polyphagia. Weight gain over past 6 mos. Possible exercise intolerance. On Deramaxx last 2 years for mobility. On SO for 2 years due to high pH and struvites. History of recurrent UTIs. Switched to moderate calorie in December. MSU thyroid panel NSF 6 mos ago.

Unremarkable CBC, Chemistry Panel- Lipase 261, Triglycerides 149, Unremarkable liver and renal parameters, T4 0.97, Urine specific gravity - 1.024, negative Glucose and protein

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 was noted.

No evidence of pathology in the area of the uterine remnant. The aortic trifurcation was normal without evidence of sublumbar or medial iliac lymphadenopathy.

Normal size and margination were 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. The left kidney measured 7.1 cm in length. The right kidney measured 6.6 cm in length.

Adrenal Glands

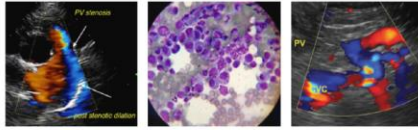
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.72 cm width at the caudal pole and 0.66 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.56 cm width at the caudal pole and 0.51 cm width at the cranial pole.

Spleen

The spleen was normal in size and contour exhibiting a primarily finely textured homogeneous parenchyma with intermittent, non-expansive, subtly hypoechoic nodules. An example of the nodules measured 0.2 cm in diameter.

Liver/ Gallbladder

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. 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 contained echogenic, nonshadowing ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. The stomach was otherwise normal.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained echogenic, nonshadowing ingesta consistent with normal food without signs of ileus, obstruction or foreign material. The small intestine was otherwise normal.

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

Free Abdomen

No omental masses, lymphadenopathy or peritoneal effusion were present.

ULTRASONOGRAPHIC FINDINGS

- Intermittent small to subtly hypoechoic splenic nodules
- Sonographically unremarkable urinary bladder
- Mild age-related kidneys
- Sonographically normal gastrointestinal tract with gastrointestinal ingesta

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, mild geriatric abdomen without evidence of significant visceral pathology.

The presence of gastrointestinal ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material.

Subjectively, the hepatic and adrenal presentation was not overtly consistent with hyperadrenocorticism. Correlation with pending LDDST is recommended.

The subtle splenic nodules, although nonspecific, were not overtly suggestive of primary or metastatic neoplastic criteria. Subtle areas of lymphoid hyperplasia or hematopoiesis are suspected. Sonographic monitoring of the spleen for evidence of progressive changes with initial recheck in 4-6 weeks would be reasonable.

Recheck urine culture and sensitivity on a sterile urine sample could be considered if not recently done.

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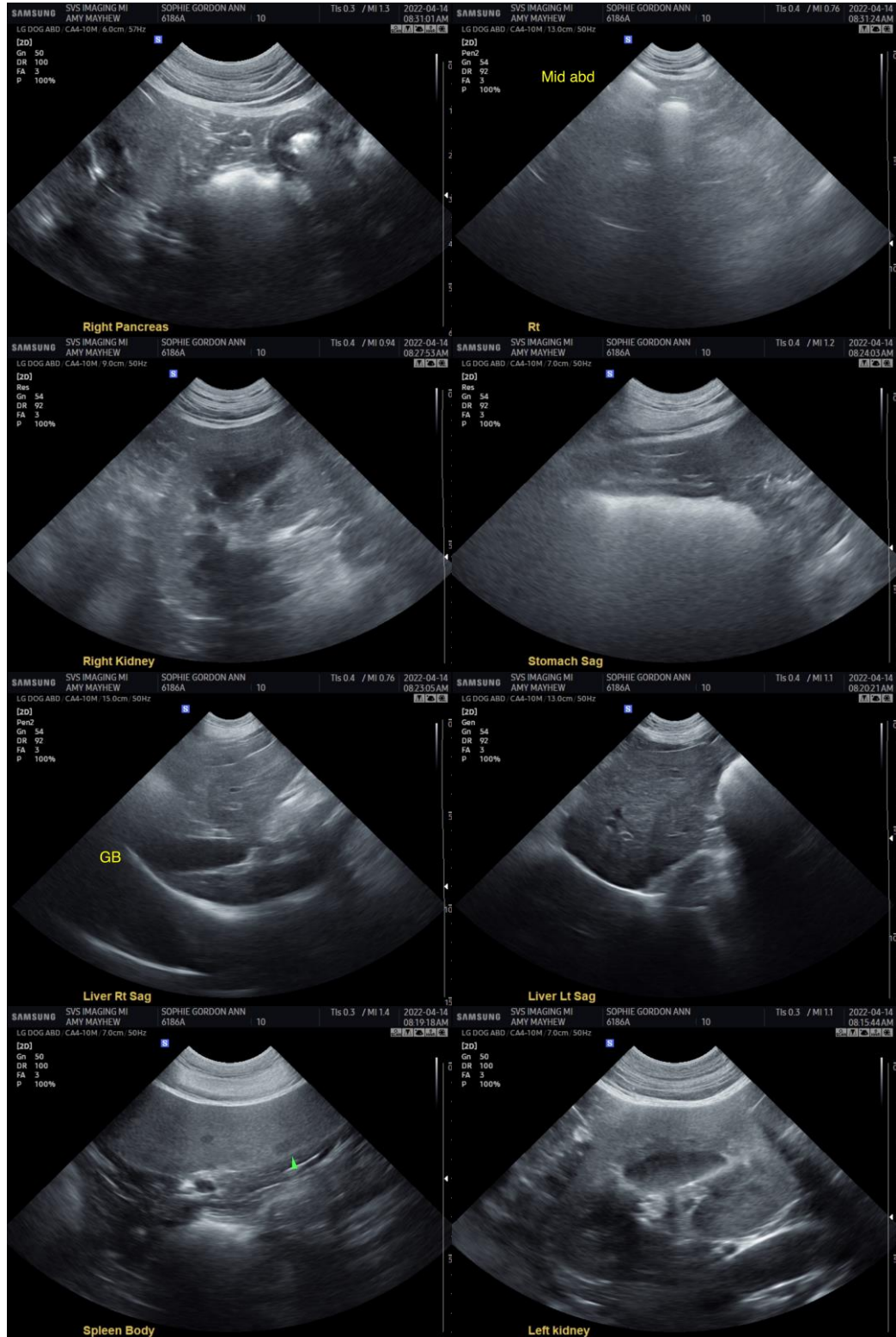
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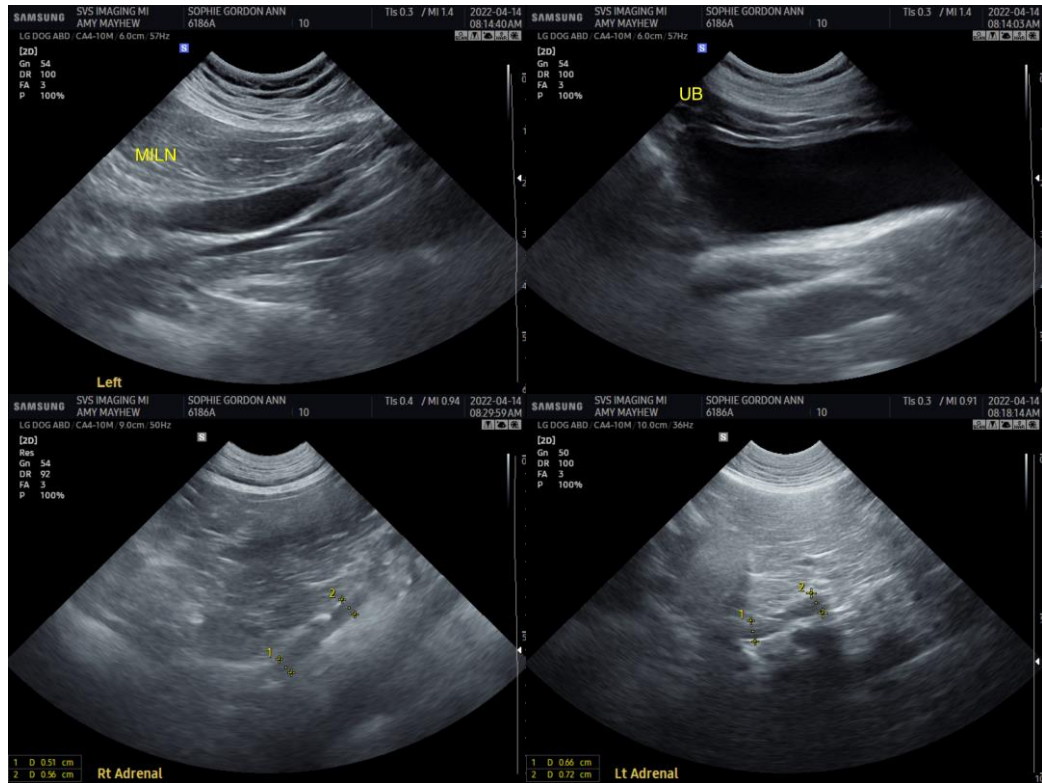
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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