

**PATIENT**

Gus Hurley

SPECIES

Canine

BREED

Goldendoodle

SEX

MN

AGE

11yr

WEIGHT

50kg

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

Tracy LaSarge

HOSPITAL NAME

SVS Imaging NW

REFERRING VETDr. Keller Madison
Veterinary Specialists**INVOICE**

12895ag

DATE

02/06/2023

PRESENTING CLINICAL SIGNS

Gus presented to the MVS Emergency Service on Feb 06, 2023, at 1:17pm, for evaluation of abdominal mass. Over the past month, owners have noticed that he's been hyporexic and has had decreased output. 4 days ago, Gus started declining. He has been having more trouble standing up and walking, even refusing at times. He's been lethargic, increasingly hyporexic, and on Friday (2/3), owners noticed his abdomen appeared distended. Owners brought Gus to pcDVM this morning where they did bloodwork and took radiographs which revealed a mass. Gus was then referred to us for AUS. Owner is hoping to learn more information before making a long-term decision.

Abnormal PE/Chem/CBC/UA Results: MPV: 16.4 RBC: 5.63 low HCT: 36.9 low HGB: 13 low

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

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 were noted.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.5 cm in length. The right kidney measured 8.1 cm in length.

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology.

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

Adrenal Glands

The left and right adrenal glands were not definitively visualized.

Spleen

The spleen exhibited variable enlargement with lateral and medial capsule asymmetrical contour. Generalized parenchyma heterogeneity with several non-homogenous masses along with concurrent diffuse nodules were present. An example of a splenic mass measured 5-6 cm in diameter.

Liver/Gallbladder

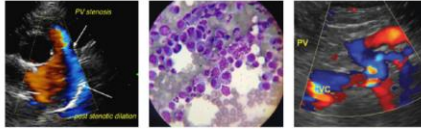
The liver was enlarged in size with asymmetrical contour and generalized significant non-homogenous parenchyma with multifocal variably echogenic to expansive masses. An example of a hepatic mass measured 10-12 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild non-organized echogenic debris. The cystic and common bile ducts were normal.

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.

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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 apparent formed feces in lumen.

SPECIES

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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.

BREED

Goldendoodle

Free Abdomen

Moderate volume peritoneal free fluid was present with generalized non-uniform hyperechoic omentum. No evidence of visualized omental lymphadenopathy.

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MN

ULTRASONOGRAPHIC FINDINGS

- Multicentric hepatosplenic neoplasia - suspect multicentric sarcoma
- Peritoneal effusion - possible / likely hemoabdomen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Unfortunately the sonographic findings are consistent with multicentric neoplasia definitively involving the spleen and liver. The possibility of regional perisplenic/perihepatic omental seeding is of concern. This case is non-surgical and indicates an unfavorable prognosis.

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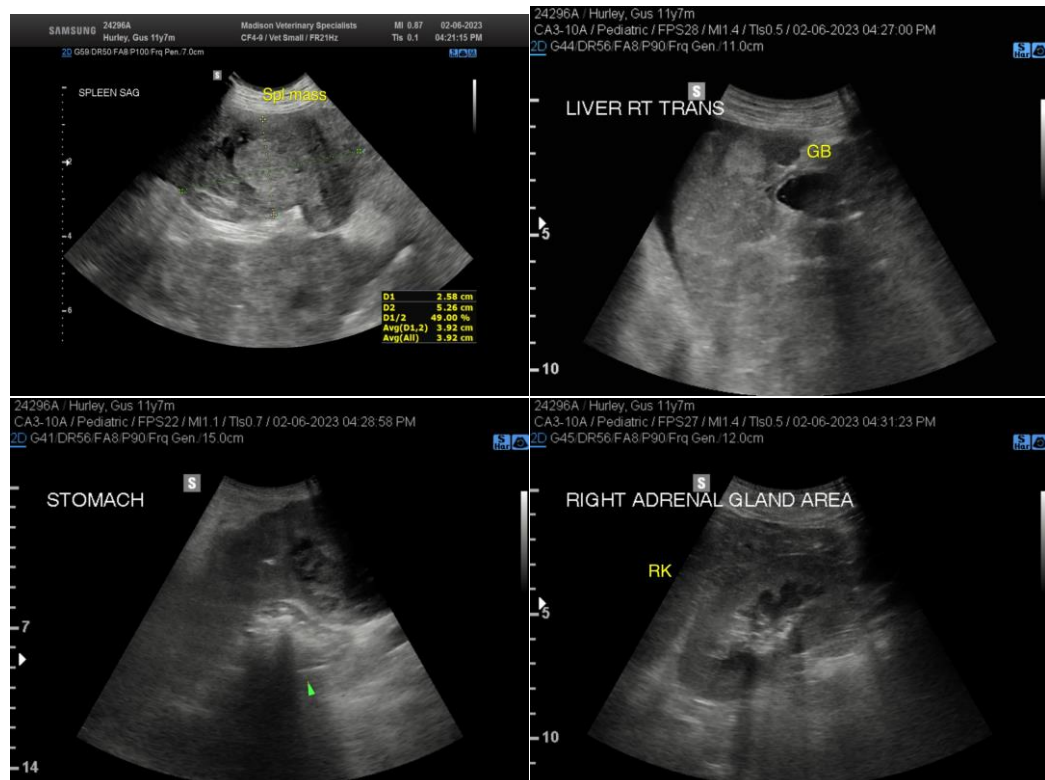
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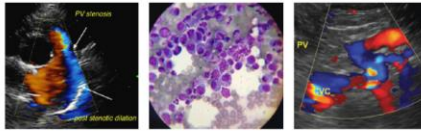
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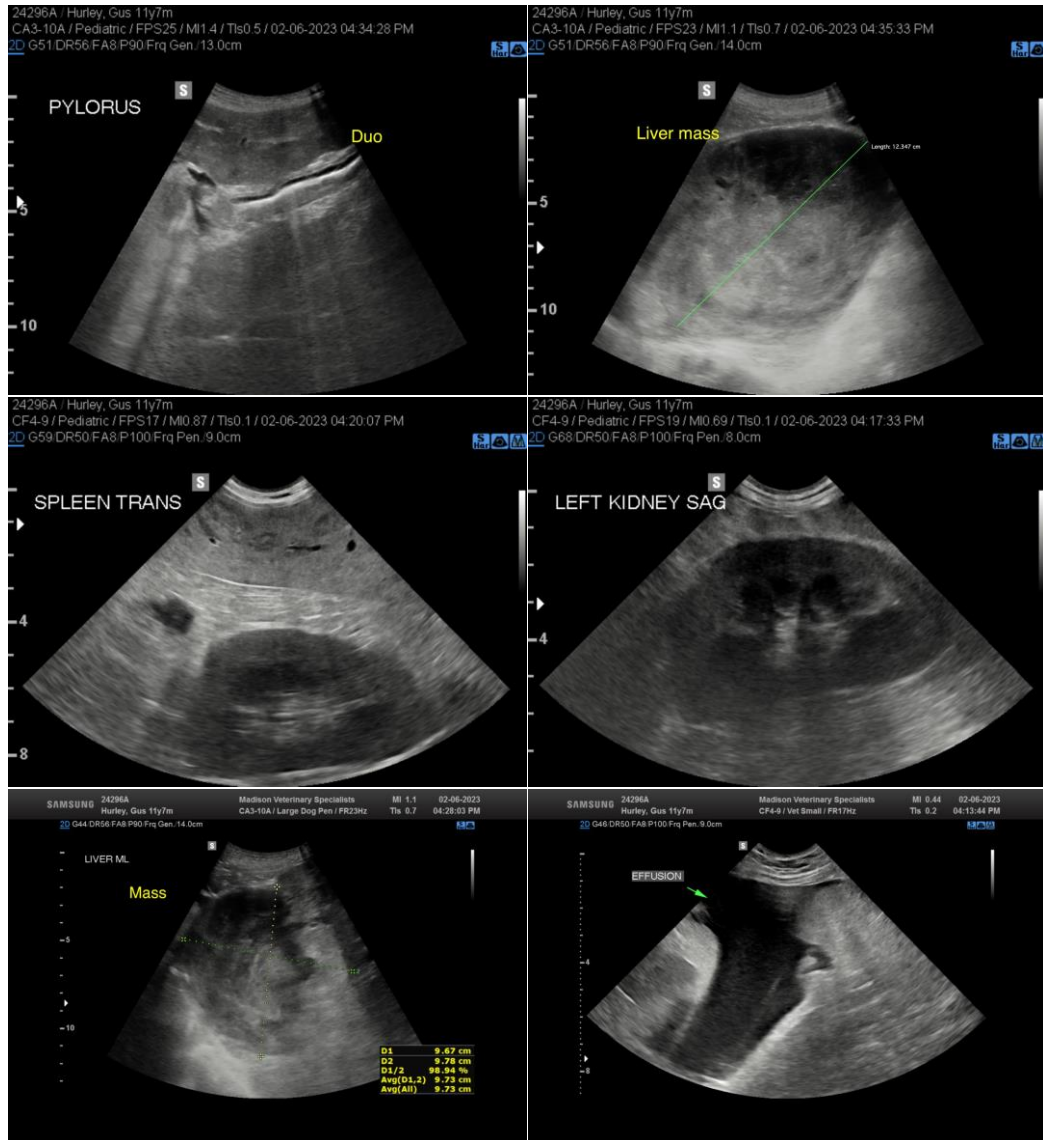
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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