

PATIENT PRESENTING CLINICAL SIGNS

Elsa Gurley Ataxia x4, weak, lethargic. Significant anorexia of 10 days duration. No V/D.

SPECIES Abnormal PE/Chem/CBC/UA Results: Current Medications SQ fluids given 8/17pm, no other meds.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Great Pyrenees The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild nondependent particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

SEX

Spayed Female

AGE

6 yrs.

The area of the aortic trifurcation was free of pathology.
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 6.6 cm in length. The right kidney measured 7.2 cm in length.

WEIGHT

73.9 lbs.

INTERPRETED BY

Adrenal Glands

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

The left adrenal gland was sub normal in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.5 cm length x 0.35 at the caudal pole width. The right adrenal gland was not definitively visualized potentially owing to patients' size and confirmation or concurrent sub normal right adrenal size.

IMAGING PERFORMED BY

Spleen

Sara Hansen

The spleen exhibited mild subjective sub normal size owing to volume contraction 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

Cottage Grove VH

Liver/ Gallbladder

REFERRING VET

Dr. Damewood

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.

INVOICE

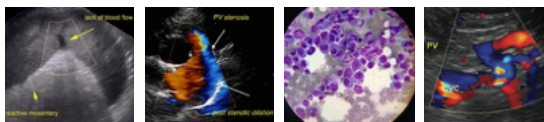
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Gastrointestinal

DATE

8/19/2023

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was normal primarily empty with minor luminal gas no evidence of retained gastric ingesta, fluid, or foreign material.



PATIENT

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

Elsa Gurley

The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. The mucosa exhibited mild decreased echogenicity with occasional mucosal speckling. Mild non obstructive segmental intestinal ileus pattern consisting of mild fluid accumulation in the intestinal lumen was present without obstruction or foreign material. No evidence of intestinal obstructive pattern or foreign material.

SPECIES

Canine

BREED

Pancreas

Great Pyrenees

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.

SEX

Free Abdomen

Spayed Female

No overt lymphadenopathy or peritoneal effusion was present.

AGE

6 yrs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

WEIGHT

73.9 lbs.

- Sub normal left adrenal gland non visualized right adrenal gland.
- Mild enteritis pattern.
- Volume contracted spleen.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant visceral pathology including no evidence of gastrointestinal mechanical obstruction or foreign material. Assessment of electrolytes as well as screening cortisol level or full ATCH stimulation test given potential high concern for occult Addison's disease in light of sub normal adrenal size and patient clinical signs is recommended. Hospitalization with IV fluid, as needed gastrointestinal support pending additional testing is suggested. If Addison's disease is ruled out GI panel to include PLI/TLI/Cobalamin/Folate, three view chest radiographs, and thorough musculoskeletal/neurological examination to assess for occult disease may be indicated.

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Cottage Grove VH

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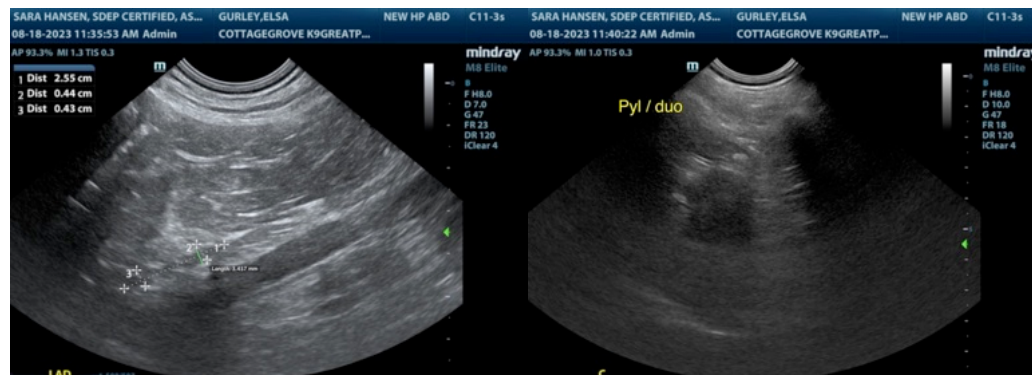
Dr. Damewood

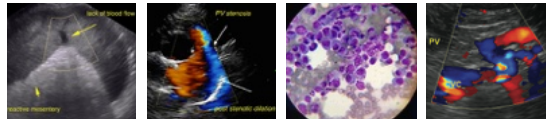
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PATIENT

Elsa Gurley

SPECIES

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BREED

Great Pyrenees

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Spayed Female

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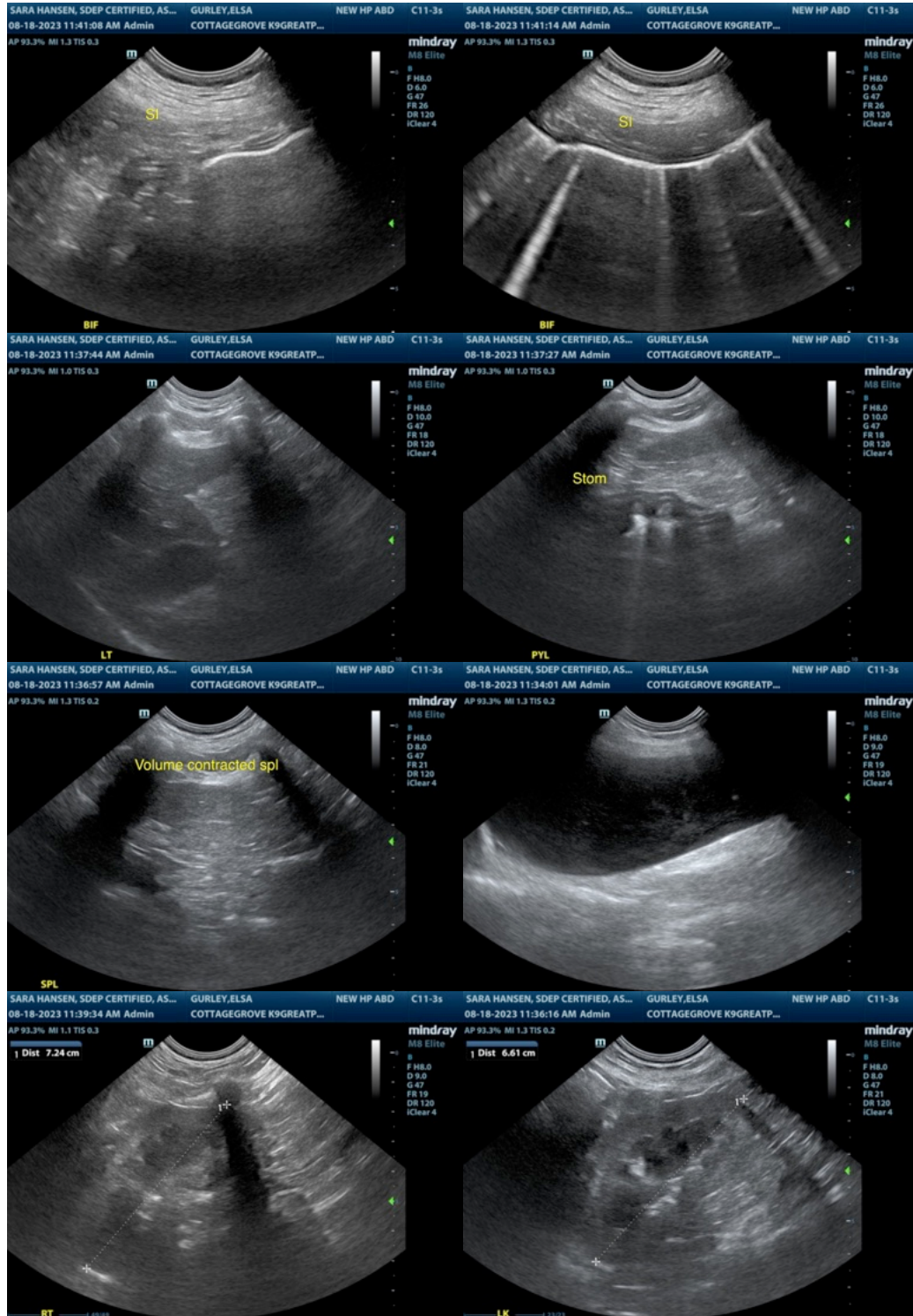
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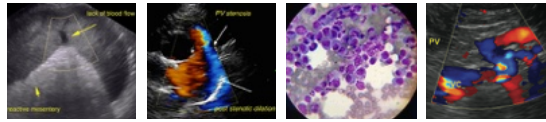
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not



PATIENT visible in the image/video clips provided.

Elsa Gurley 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.

SPECIES

Canine **R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**
info@SonoPath.com

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Great Pyrenees

SEX

Spayed Female

AGE

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