

PATIENT

Murphy Newsome

SPECIES

Canine

BREED

Brittany Spaniel

SEX

Neutered male

AGE

12 years

WEIGHT

77 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Wes Spangler

HOSPITAL NAME

TotalBond VH Paw
Creek

REFERRING VET

Dr. Spangler

INVOICE

78808

DATE

6/17/26

PRESENTING CLINICAL SIGNS

History: 12yo MN Brittany Spaniel was diagnosed with IMPA ~5 years ago, managed with prednisone then transitioned to cyclosporine. Cyclosporine alone was inadequate for pain control, continued in combination with low-dose prednisone and has never been able to get completely off of prednisone without recurrence of significant pain. ALP >4000 in June 2025, ultrasound of liver and GB relatively unremarkable, has been routine with ursodiol and denamarin for the year. ALP came down to ~1200 after two months, but on recent labs (attached) was up >4000 again. Possible iatrogenic Cushing's?
H ALT 170 (18 - 121) U/L H AST 56 (16 - 55) U/L H ALP c 4497 (5 - 160) U/L H GGT d 19 (0 - 13) U/L H Potassium 5.6 (4.0 - 5.4) mmol/L L Na: K Ratio 26 (28 - 37) L Chloride 106 (108 - 119) mmol\

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 7.1 cm, right measured 7.4 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

The prostate was small and hypoechogenic.

Adrenal Glands

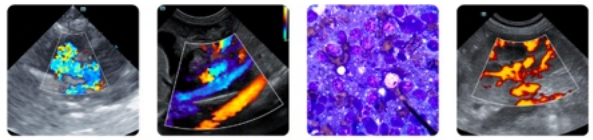
The adrenal glands were bilaterally small and dorsoventrally flattened, but maintained a normal echogenic appearance, position and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.29 cm in width. The right adrenal gland measured 0.36 cm in width.

Spleen

The spleen was not visualized.

Liver

Normal size with a diffuse, increased echogenic appearance, normal portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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Gallbladder

The gallbladder is small containing a small amount of non-adhered, hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

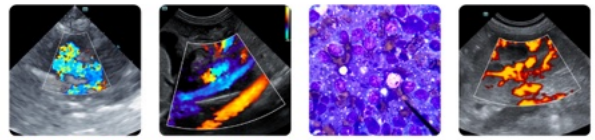
ULTRASONOGRAPHIC FINDINGS

- Bilaterally small adrenal glands.
- Hepatopathy.
- Gallbladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the adrenal glands and the hepatopathy would be secondary to the long term cortisone therapy (iatrogenic Cushing's disease).

The gallbladder sediment can be considered an incidental finding.



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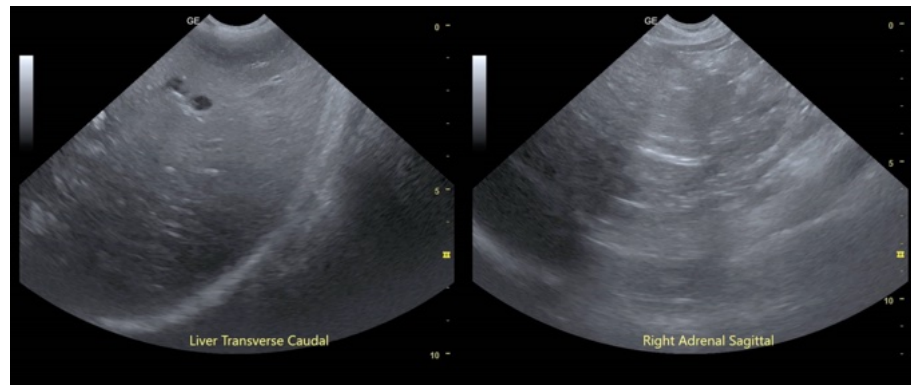
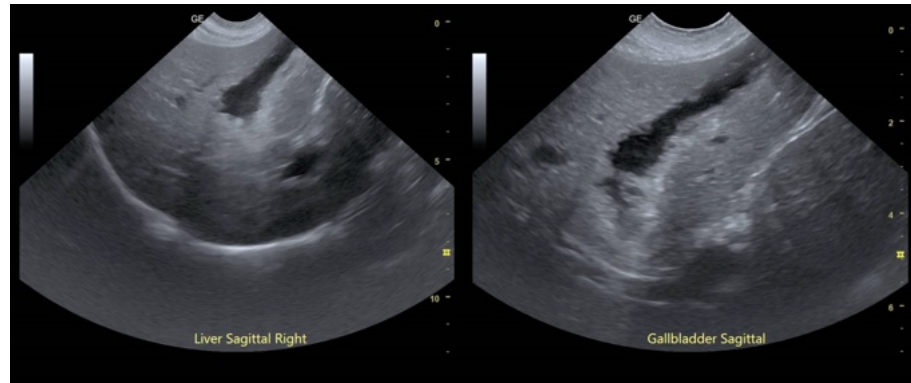
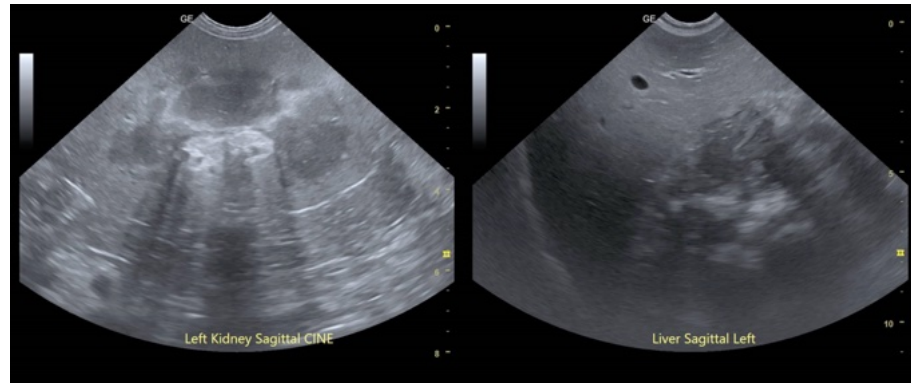
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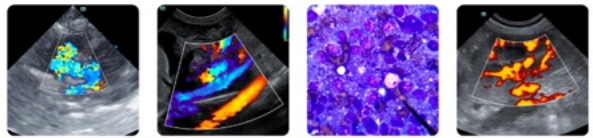
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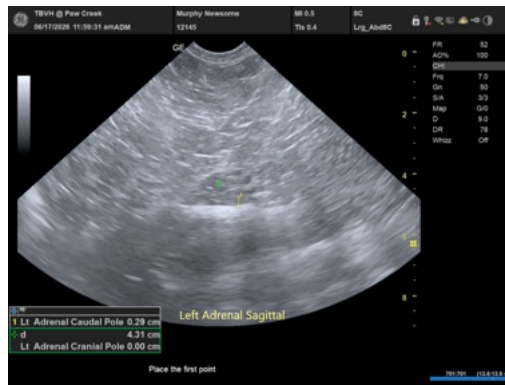
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

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