



PATIENT

Ariel West

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

11 years

WEIGHT

21.48 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Galanti

HOSPITAL NAME

Craig Road AH

REFERRING VET

Dr. Galanti

INVOICE

69274

DATE

12/3/25

PRESENTING CLINICAL SIGNS

History: Ariel is a well maintained Cushingoid dog. ALP value has risen drastically
Abnormal PE/Chem/CBC/UA Results: ALP: 8334

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. A scant amount of floating hyperechogenic sediment.

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 4.8 cm, right measured 4.8 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.

Adrenal Glands

The adrenal glands are bilaterally enlarged, but maintained normal shape, echogenic appearance, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.46 cm and 0.68 cm in width. The right adrenal gland measured 0.7 cm and 0.86 cm in width.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 0.9 cm in width.

Liver

The liver was enlarged with rounded edges, diffuse mottled echogenic and coarse appearance, normal portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.



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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

- Bilateral adrenomegaly.
- Hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The adrenomegaly would be consistent with pituitary dependent Cushing's disease as per the patient's history.

Etiologies for the hepatopathy would be reactive hyperplasia, vacuolar and metabolic (secondary to the Cushing's disease) with hepatitis and infiltrative neoplasia highly unlikely differential diagnosis.

Further assessment that can be considered would be FNA cytology of the liver; however, a tru cut or wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management that can be considered for the hepatopathy would be the use of Ursodiol with regular monitoring of liver enzyme activity.



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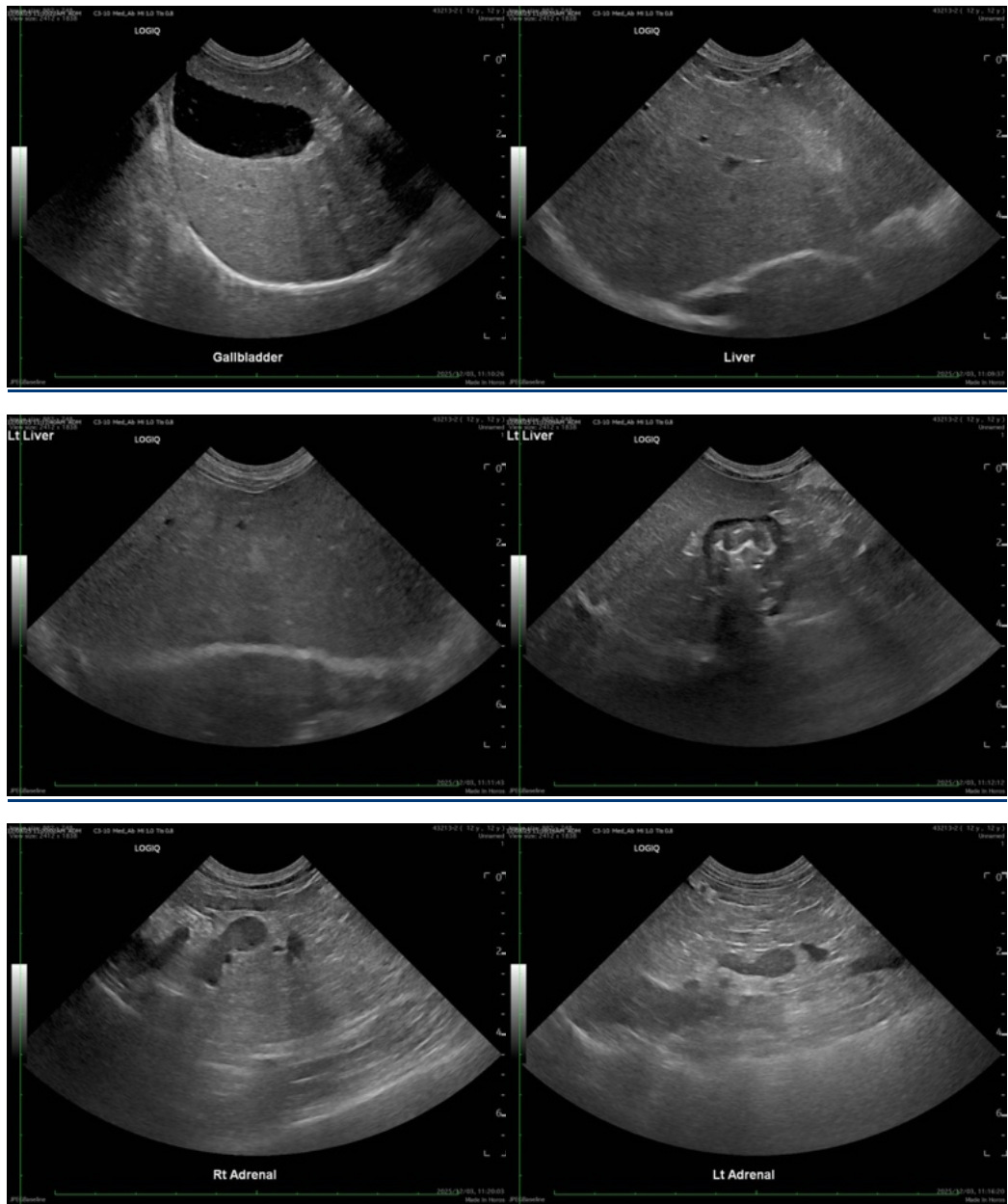
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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