



PATIENT

Gizmo Eilers

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

11 ½ years

WEIGHT

26.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

Dr. Sturgill

INVOICE

78317

DATE

6/3/26

PRESENTING CLINICAL SIGNS

History: P presented for US to evaluate elevated liver enzymes and overall evaluation due to recently losing housemate for metastatic hemangiosarcoma. history of a seizure about every 6 mos. no on any meds
 Abnormal PE/Chem/CBC/UA Results: ALP 168-417 since 2024, Tri 333-426,

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is small 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 5.1 cm, right measured 5.2 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 is small and hypoechogenic. The prostate measured 0.6 cm in width.

Adrenal Glands

The adrenal glands are mild, bilaterally enlarged, but maintained a normal shape, echogenic appearance, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.4 cm in length x 0.67 cm in width. The right adrenal gland measured 1.5 cm in length x 0.63 cm in width. Hyperechogenic, parenchymal nodule in the right gland measuring 0.9 x 1.1 cm in size.

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 1.9 cm in width.

Liver

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



PATIENT

Gizmo Eilers

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

11 ½ years

WEIGHT

26.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

Dr. Sturgill

INVOICE

78317

DATE

6/3/26

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.

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.

Thorax

Normal appearance of the heart. No pericardial or pleural effusion evident.

ULTRASONOGRAPHIC FINDINGS

- Bilateral adrenomegaly.
- Right adrenal nodule.
- Hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the adrenomegaly would be age related reactive hyperplasia, disease, stress and possibly emerging pituitary dependent Cushing's disease.

The most likely etiology for the right adrenal nodule would be an incidental, non-functional adenoma.

Etiologies for the hepatopathy would be reactive hyperplasia, early nodular hyperplasia, vacuolar and metabolic with hepatitis and infiltrative neoplasia a less likely differential diagnosis.

Further assessment would be urine specific gravity and urine cortisol to creatinine ratio and if abnormal then adrenal function testing (ACTH stimulation/LDDST) would then be indicated.



PATIENT

Gizmo Eilers

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

11 ½ years

WEIGHT

26.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

Dr. Sturgill

INVOICE

78317

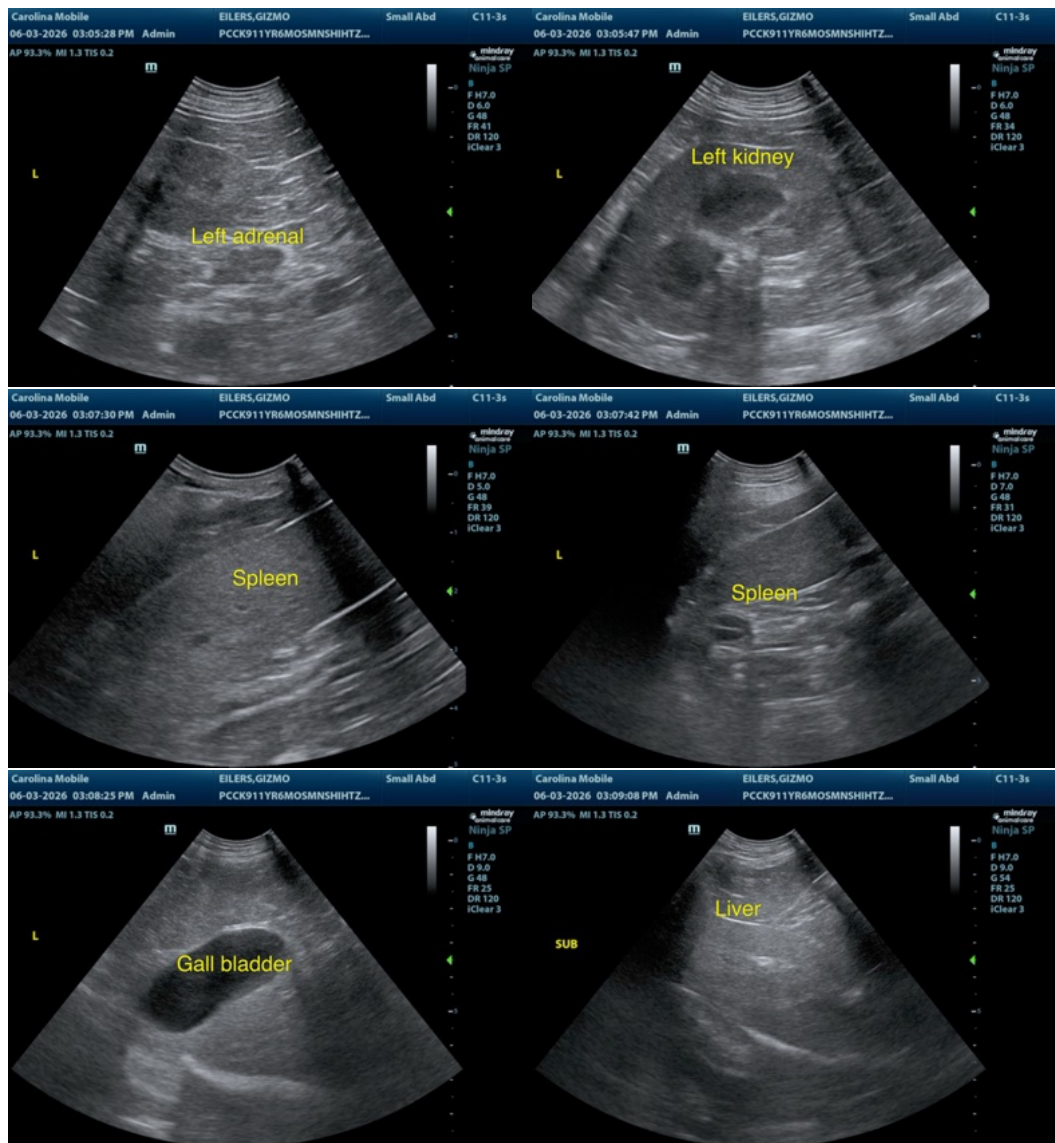
DATE

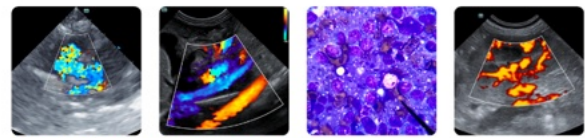
6/3/26

If Cushing's disease has been excluded, then further assessment of the hepatopathy would be FNA cytology. 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 of the hepatopathy that could be considered would be the use of Ursodiol with regular monitoring of liver enzyme activity.





PATIENT

Gizmo Eilers

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

11 ½ years

WEIGHT

26.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Pet Care Clinic of the
 High Country

REFERRING VET

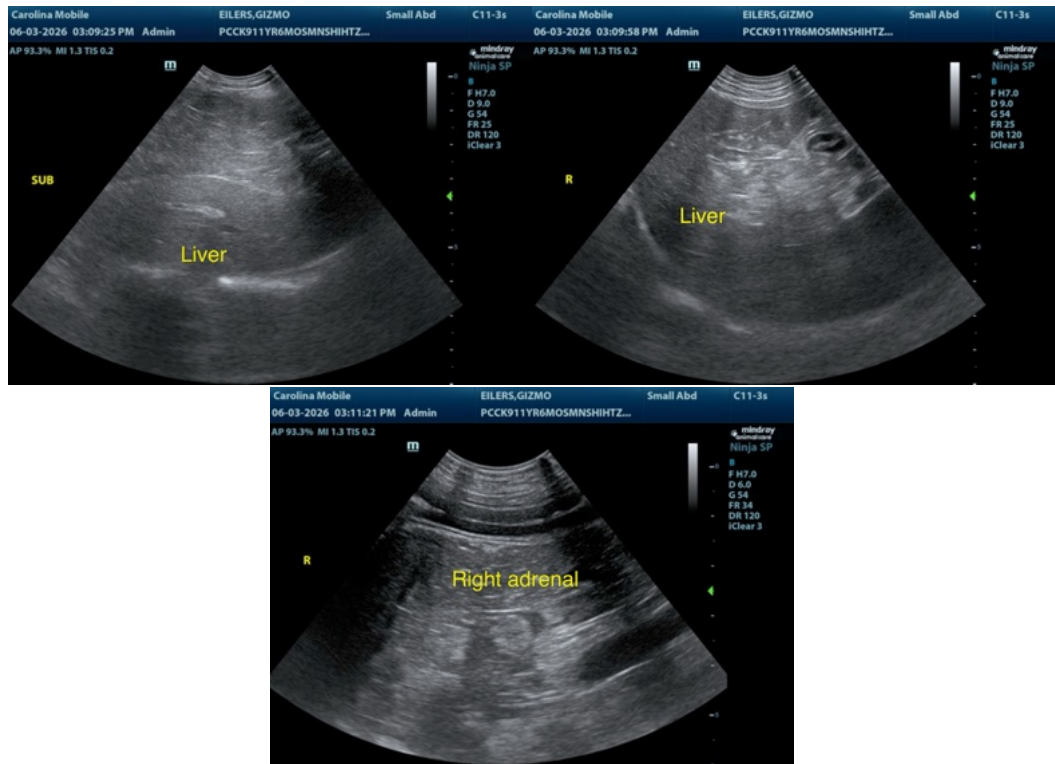
Dr. Sturgill

INVOICE

78317

DATE

6/3/26



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)

info@sonopath.com