

PATIENT PRESENTING CLINICAL SIGNS

Sadie Riley History: Elevated liver enzymes

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine 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.

BREED

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

SEX

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

Spayed Female

AGE

Normal renal size (left kidney 6.30 cm) (right kidney 5.80 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.

12 years

WEIGHT

Adrenal Glands

Normal shape, echogenic appearance, position, and appearance of the visible surrounding vasculature, but bilaterally enlarged (left 2.83 cm in length x 1.20 x 0.81 cm in width / right 3.88 cm in length x 0.77 x 2.45 cm in width).

43.4 lbs

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Rebekah Jakum,
 CVT, ARDMS/RVT

Liver

Normal size, with a diffuse mottled, echogenic and nodular appearance, loss of portal markings, and irregular capsule. Nodules are hyperechogenic in appearance and parenchymal. No masses evident. Normal appearance of the hepatic and portal vasculature. FNA taken of the liver with no obvious post-aspirate hemorrhage evident.

HOSPITAL NAME

Littlestown VH

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.

REFERRING VET

Winer

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.

INVOICE

13621

Pancreas

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

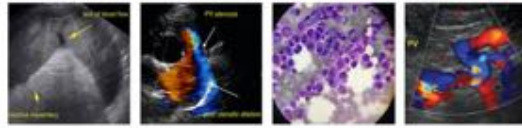
DATE

7.7.23

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.



PATIENT **ULTRASONOGRAPHIC FINDINGS**

Sadie Riley **Primary Findings**

- SPECIES**
- Hepatopathy
 - Bilateral adrenomegaly

Canine

BREED **Secondary Findings**

Basset Hound • None

SEX **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Spayed Female Etiologies for the hepatopathy would be nodular hyperplasia, reactive, chronic hepatitis, granulomatous hepatitis, and infiltrative neoplasia.

AGE

12 years Etiologies for the adrenomegaly would be disease stress and pituitary-dependent Cushing's disease.

WEIGHT

43.4 lbs Further assessment needs to be based on the pending cytology results but could include adrenal function testing (ACTH stimulation/LDDS test). Tru-cut or wedge biopsy of the liver may be required for a final etiological diagnosis.

INTERPRETED BY Specific therapy would be dependent on an etiological diagnosis.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Symptomatic management of the liver would be Ursodiol with regular monitoring of liver enzyme activity.

IMAGING PERFORMED BY

Rebekah Jakum, CVT, ARDMS/RVT

HOSPITAL NAME

Littlestown VH

REFERRING VET

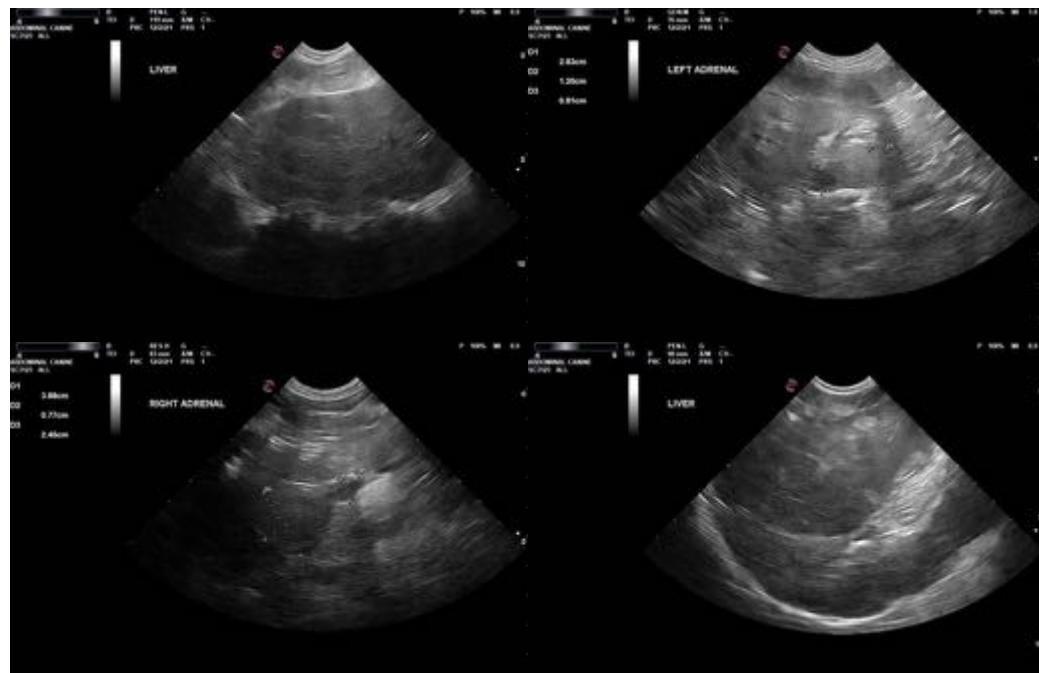
Winer

INVOICE

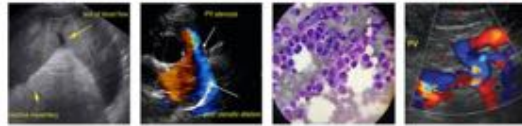
13621

DATE

7.7.23



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



PATIENT

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.

Sadie Riley

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
info@sonopath.com

SPECIES

Canine

BREED

Basset Hound

SEX

Spayed Female

AGE

12 years

WEIGHT

43.4 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebekah Jakum,
CVT, ARDMS/RVT

HOSPITAL NAME

Littlestown VH

REFERRING VET

Winer

INVOICE

13621

DATE

7.7.23