



PATIENT

Ricky Strickland

SPECIES

Canine

BREED

Schnauzer

SEX

MN

AGE

13 years

WEIGHT

5.6 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Seth Mitchell, DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

Angela Cail

INVOICE

304204

DATE

5/10/23

PRESENTING CLINICAL SIGNS

History: Hepatomegaly.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.1 cm, right 3.7 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, pyelectasia, and normal capsule. Small non-obstructive renoliths.

Reproductive System

Small hypoechoic prostate (0.6 cm).

Adrenal Glands

Normal echogenic appearance and position with rounded shape and plump in size. Left 0.65 cm, right 0.53 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Liver

Enlarged with rounded edges, increased echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident.

Gall bladder

Full containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct.



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness, and no distension of the lumen.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Hepatopathy.
- Plump adrenal glands.

Secondary findings:

- Age-related renal disease.
- Gall bladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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

Etiologies for the adrenal glands would be disease stress and emerging pituitary-dependent Cushing's disease.

Although the appearance of the kidneys is most likely age-related, pyelonephritis needs to be considered.

Further assessment would be urinalysis, serum biochemistry, adrenal function testing (ACTH stimulation/LDDS test), and possibly FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Left adrenal



Liver





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Left kidney



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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.

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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