



**PATIENT PRESENTING CLINICAL SIGNS**

Jojo Finke History: Overweight and elevated ALP activity. Previous LDDS test and pre-and post-prandial acids within reference range.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

**BREED** CBC: N/A.

Labradoodle Serum Biochemistry: Elevated protein and ALP activity.

Radiographic Findings: Normal.

**SEX**

FS

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**AGE** *Urinary System*

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

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

42 # Normal iliac lymph nodes. Ureters not visualized.

**INTERPRETED BY** Normal renal size (left 5.2 cm, right 5.3 cm), echogenic appearance, cortico-medullary differentiation, capsule, and pelvis.

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**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

**Adrenal Glands**

Amy Mayhew, LVT Normal shape, echogenic appearance, and position but plump in size, especially the cranial poles. Left 0.8/0.62 cm, right 0.84/0.55 cm.

**HOSPITAL NAME**

**Spleen**

SVS Imaging CT

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

**Liver**

Mitten Animal Hospital

Normal size and portal markings with a diffuse increased echogenic appearance. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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**Gastrointestinal**

**DATE**

3/21/22

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



**PATIENT** *Pancreas*

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

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.  
No ascites.

**BREED**

Labradoodle

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

**SEX**

FS

- Hepatopathy.
- Plump adrenal glands.

**AGE**

7 years

Secondary Findings:

- Intra-abdominal fat accumulation.

**WEIGHT**

42 #

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, and iron/copper hepatopathy, with infiltrative neoplasia, a far less likely differential diagnosis.

Although the plump adrenal glands may be an incidental finding, emerging pituitary-dependent Cushing's disease needs to be considered.

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

Further specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be ursodiol.

**INTERPRETED BY**

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**IMAGING PERFORMED BY**

Amy Mayhew, LVT

**HOSPITAL NAME**

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**PATIENT IMAGES**

Jojo Finke **Liver**

**SPECIES**

Canine

**BREED**

Labradoodle

**SEX**

FS

**AGE**

7 years

**WEIGHT**

42 #

**Left adrenal**



**INTERPRETED BY**

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**IMAGING PERFORMED BY**

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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.

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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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