



PATIENT PRESENTING CLINICAL SIGNS

Dakota Fithian History: Long-term carprofen therapy for osteoarthritis. Changed to Galliprant with no improvement in ALP activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: SG 1.022, negative sediment.

BREED CBC: Normal.

Labrador retriever Serum Biochemistry: Elevated liver enzyme activity (ALP >> ALT).

Previous Radiographic Findings: N/A.

SEX

FS

AGE

12 years

WEIGHT

62.5 #

INTERPRETED BY

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

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 6 cm, right 6.4 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.14 x 0.32 cm, right 1.71 x 0.69 cm.

Spleen

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

Liver

Normal size with a mottled and nodular echogenic appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are faint, hypoechoic, and parenchymal. No masses evident. Full gall bladder containing moderate amount of hyperechoic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

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.

IMAGING PERFORMED BY

Dr Megan Cassels-Conway,
DVM

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

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INVOICE

303478

DATE

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PATIENT *Pancreas*

Dakota Fithian Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Labrador retriever

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.

Secondary Findings:

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, vacuolar, drug-induced, nodular regeneration, chronic hepatitis, granulomatous disease, and neoplasia.

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Further assessment would be FNA cytology of the liver, although Tru-Cut/wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the liver and gall bladder would be ursodiol.

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PATIENT IMAGES

Dakota Fithian **Liver**

SPECIES

Canine

BREED

Labrador retriever

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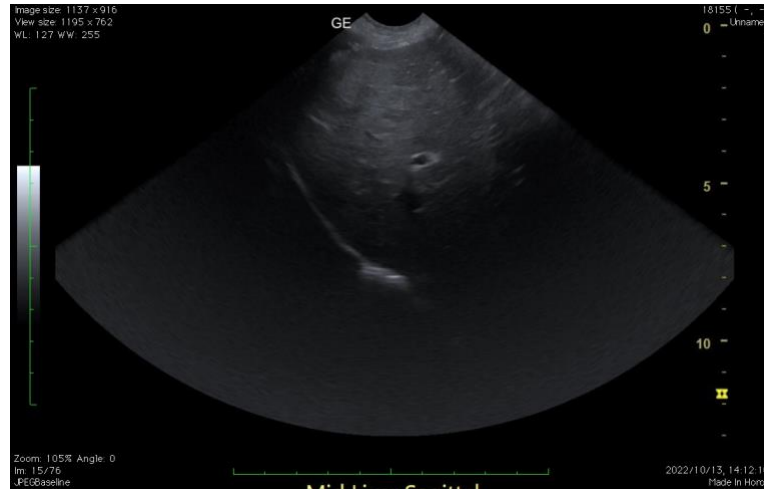
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Gall bladder



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.

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