



PATIENT PRESENTING CLINICAL SIGNS

Lucy Lynch History: Presented for biannual wellness exam – worried about excessive panting and history of OA. Long-term mild elevation in ALT activity (around 240).

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Normal.

Golden retriever Serum Biochemistry: Elevated ALT activity (401) and cholesterol.
Radiographic Findings: N/A.

SEX

FS

AGE

14 years

WEIGHT

66 #

INTERPRETED BY

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MMedVet (Med), PhD,
Dipl. ECVIM

IMAGING PERFORMED BY

Dr Megan Cassels-
Conway

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

Dr Janeen Lezcano

INVOICE

302584

DATE

10/3/21

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with a normal thickness and appearance 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 (6.3 cm, right 7.2 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.7 x 0.64 cm, right 1.16 x 0.63 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, normal vasculature and blood flow. Large mottled echogenic and cystic parenchymal mass in the head/body of the spleen with distortion of the overlining capsule.

Liver

Normal size with a mottled and coarse echogenic appearance and some loss of portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. 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 lumen distension.



PATIENT *Pancreas*

Lucy Lynch 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

Golden retriever

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

FS

- Hepatopathy.
- Splenic mass.

AGE

14 years

Secondary Findings:

- Age-related renal changes.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be age-related changes, vacuolar, reactive, early nodular regeneration, early cirrhosis, chronic hepatitis, and breed-specific hepatitis; with infiltrative neoplasia an unlikely differential diagnosis.

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The most likely etiology for the splenic mass would be neoplasia (hemangioma, hemangiosarcoma, carcinoma) with granuloma, hematoma, and abscessation, differential diagnoses.

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Further assessment would 3-view thoracic radiographs, echocardiography, and FNA cytology of the splenic mass (often non-diagnostic) and liver. Splenectomy should be considered, which would allow for obtaining a wedge biopsy of the liver.

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Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the hepatopathy would be ursodiol.

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PATIENT

Lucy Lynch

SPECIES

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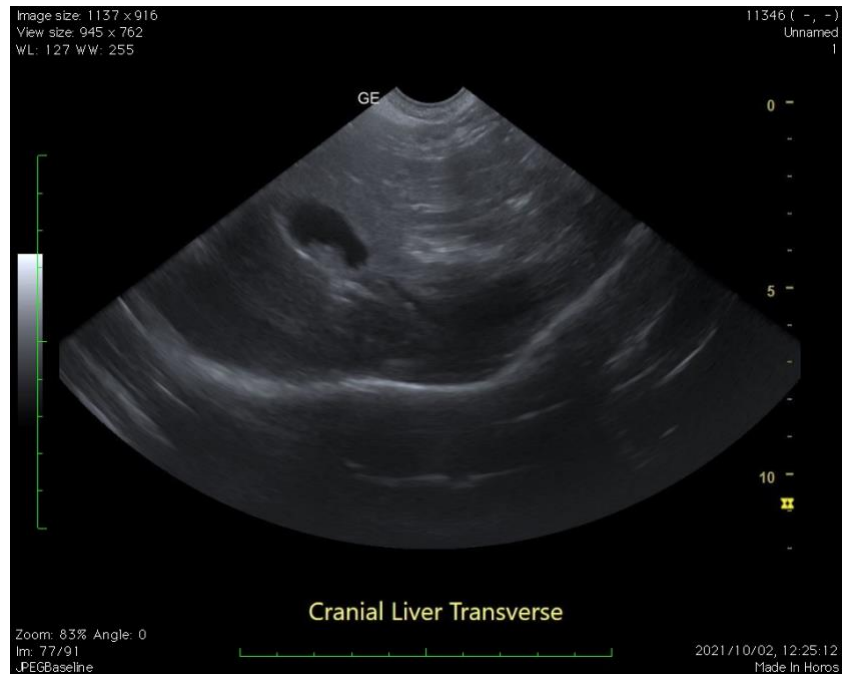
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IMAGES

Liver





PATIENT

Lucy Lynch

SPECIES

Canine

BREED

Golden retriever

SEX

FS

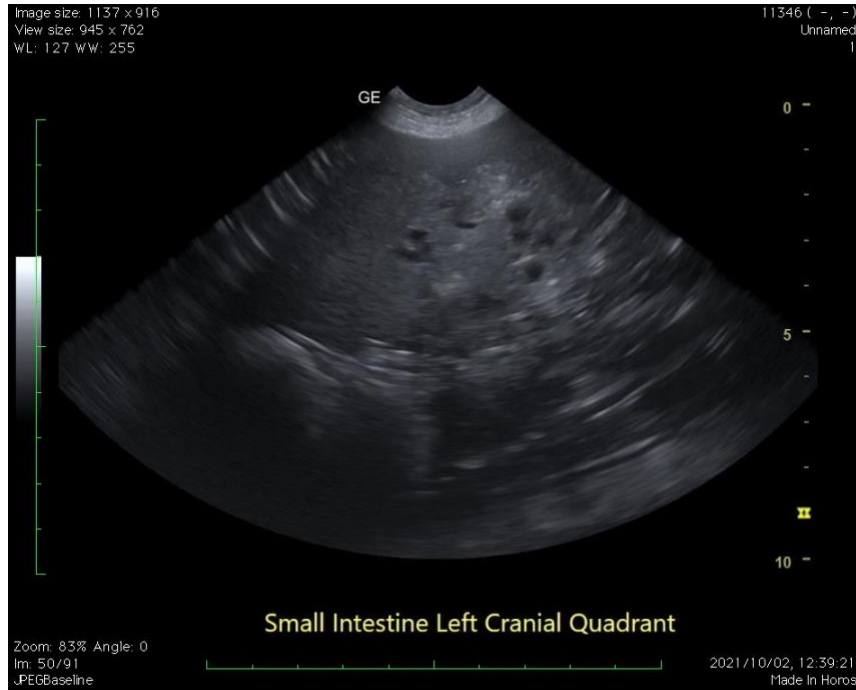
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Spleen



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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.

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