

PATIENT PRESENTING CLINICAL SIGNS

Laila Colon History: Referred for ultrasound for elevated liver enzyme activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Elevated ALP activity and SDMA.

Chihuahua Radiographic Findings: N/A.

SEX

FS

AGE

6 years

WEIGHT

3.3 #

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.

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

Normal iliac lymph nodes (both 0.2 cm). Ureters not visualized.

Normal renal size (left 2.7 cm, right 3.1 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Gabriel Ferrer, DVM

Adrenal Glands

Normal shape, position, echogenic appearance, and size. Left 0.41 cm, right 0.51 cm.

HOSPITAL NAME

Paseos Veterinary Center

Spleen

Normal size (0.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET

Dr Davila, DVM

Liver

Normal size, echogenic appearance, and portal markings. Focal cyst-like lesion (0.6 x 0.6 cm) and focal irregular mottled echogenic nodule (0.6 x 0.6 cm) in the left lobe. No masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.37 cm, jejunum 0.31 cm, colon 0.13 cm) and peristaltic activity and no distension of the lumen. Fluid within the stomach.



PATIENT *Pancreas*

Laila Colon Normal size (right 0.8 cm, left 0.8 cm) and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Normal mesenteric lymph nodes (0.5 x 0.9 cm) with a rounded and hyperechogenic appearance. No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

Chihuahua

SEX

FS

Primary Findings:

- Hepatic nodule.
- Hepatic cyst.

AGE

6 years

Secondary Findings:

- None.

WEIGHT

3.3 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for hepatic cyst would be incidental cyst, hematoma, granuloma, abscess, and neoplasia.

Etiologies for hepatic nodule would be nodular regeneration, organized hematoma or abscess, granuloma, and neoplasia.

Further assessment would be FNA cytology of the cyst and nodule.

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Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy would be to add ursodiol.

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PATIENT IMAGES

Laila Colon **Liver**

SPECIES

Canine

BREED

Chihuahua

SEX

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AGE

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WEIGHT

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IMAGING PERFORMED BY

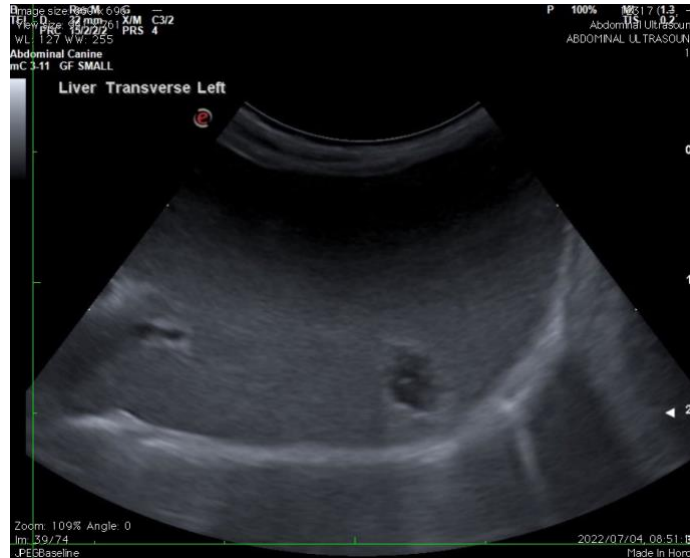
Dr Gabriel Ferrer, DVM

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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.

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