



PATIENT

Hades Chipman

SPECIES

Canine

BREED

Greyhound, Italian

SEX

Male

AGE

9

WEIGHT

17.1

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Jelena Janjusevic

HOSPITAL NAME

Camden Pet
Hospital

REFERRING VET

Jelena Janjusevic

INVOICE

10633

DATE

2/12/26

PRESENTING CLINICAL SIGNS

History:

- mildly elevated liver values, has history of elevated ALT abd AST, no clinical symptoms
- no infection vs inflammation vs toxins vs metabolic vs neoplastic vs open
- ok to proceed with planned dental
- use propofol for induction no nsaid
- start SAME
- rec abd US when under for dental

Abnormal PE/Chem/CBC/UA Results: periodontal dz, otherwise healthy, not on any medications
CBC: unremarkable Chem: ALT 290, AST 80, ALP 219 UA: to follow TT4 - 0.7 asymptomatic consider normal for the breed mildly elevated liver values, has history of elevated ALT abd AST

The submitted study contained 10 videos of the liver only.

LIMITED ULTRASONOGRAPHIC EXAMINATION OF THE LIVER

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. Normal hepatic vascular volume was present. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size containing primarily anechoic content with mild, congealed, hyperechoic, non-shadowing gallbladder debris. The common bile duct was not definitively visualized without post hepatic stasis or obstructive criteria.

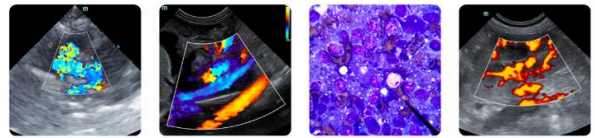
ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable normal volume liver – consistent with mild benign hepatopathy
- Mild congealed gallbladder debris (non mucocele)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the liver was nonspecific but most consistent with benign hepatopathy. Considerations for the liver may include benign vacuolar / cholestatic hepatopathy, inflammatory/infectious/immune mediated disease, hyperplasia, hematopoiesis, toxic hepatopathy (i.e., copper), other with neoplasia thought less likely. Ultrasound guided FNA of the liver using a 25-gauge needle and assuming normal coagulation parameters would be warranted for screening cytology. Hepatosupportive medications such as Denamarin or Vitamin E as well as Ursodiol due to its antioxidant and immunomodulatory effects within the liver would be warranted, although these medications may not result in decreased hepatic enzyme levels. Leptospirosis titers / PCR may be considered if clinically indicated. Core or surgical biopsy likely required for definitive diagnosis.

Anesthetic risk is considered low if no evidence of clinical hepatopathy and if normal albumin, glucose, BUN, and cholesterol levels.



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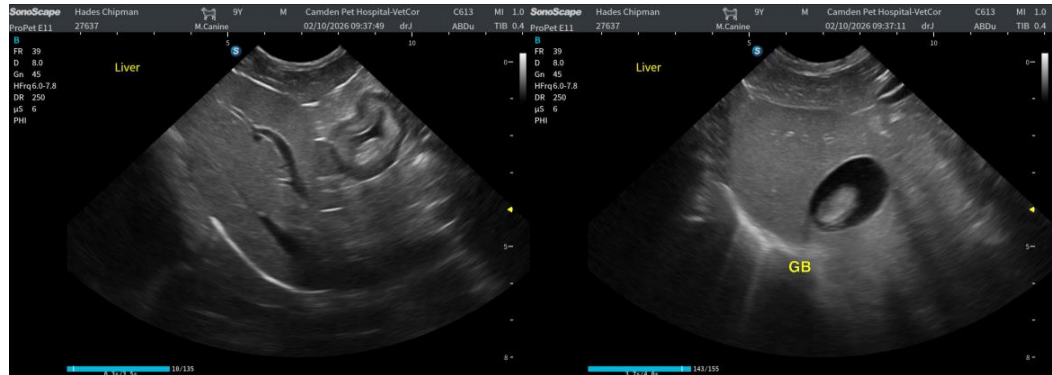
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com