

PATIENT

Zeke Gray

SPECIES

Canine

BREED

SEX

MN

AGE

5 years

WEIGHT

42.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Brent Crutchfield,
DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

Dr Cail

INVOICE

303045

DATE

6/20/22

PRESENTING CLINICAL SIGNS

History: Neutered 5 weeks ago – did not eat well while on carprofen. On IV fluids past 3 days.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Elevated liver enzyme activity, azotemia.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.2 cm) 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 6.6 cm, right 7.1 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Normal appearance of the prostate (2.2 cm).

Adrenal Glands

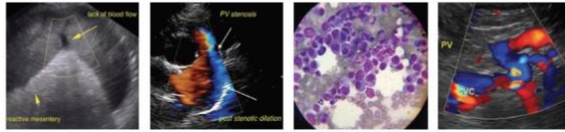
Normal shape, echogenic appearance, position, and size. Left 0.55 cm, right 0.52 cm.

Spleen

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

Liver

Normal size, with a diffuse hypoechogenic appearance, and some loss of portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness (0.2 cm) 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 (stomach 0.57 cm, jejunum 0.43 cm, colon 0.21 cm) and peristaltic activity, and no distension of the lumen.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Hepatopathy.

Secondary findings:

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, vacuolar, drug reaction, metabolic, acute hepatitis (viral, bacterial, toxins), and Leptospirosis, with infiltrative neoplasia a far less likely differential diagnosis.

Further assessment would be *Leptospira* titers/PCR and FNA cytology of the liver.

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



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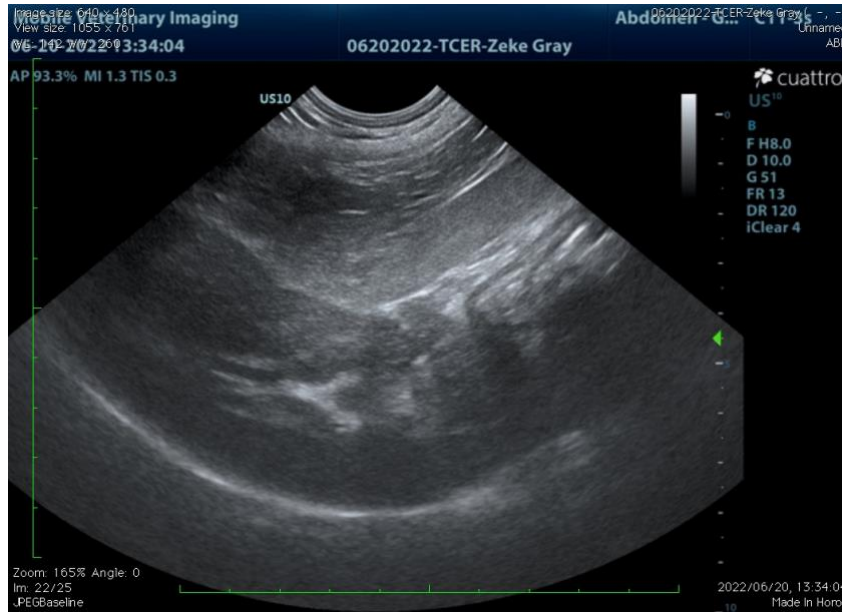
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IMAGES

Liver



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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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