

PATIENT

Coco Doloff

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

FS

AGE

years

WEIGHT

20 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Lara Wiseman, DVM

HOSPITAL NAME

Coral Breeze Animal
Hospital

REFERRING VET

INVOICE

302524

DATE

8/17/21

PRESENTING CLINICAL SIGNS

History: Surgery shoulder mass removal. Pre-GA screening.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Elevated ALP activity.

Radiographic Findings: Normal thorax.

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 (0.27 cm), and iliac blood vessels.

Normal iliac lymph nodes (0.98 cm). Ureters not visualized.

Small hypoechogenic prostate.

Normal renal size (left 4.9 cm, right 5.1 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule, and pelvis.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.62 cm, right 0.57 cm.

Spleen

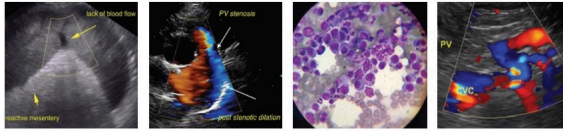
Normal size (0.95 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Enlarged with rounded edges, diffuse hyperechogenic appearance, and some loss of portal markings. Multi-focal hypoechogenic spherical parenchymal nodules (up to 1 cm). FNA taken with no obvious post aspirate hemorrhage. Full gall bladder containing large amount of non-adherent hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.12 cm)

Gastrointestinal

Normal appearance of the pylorus, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (stomach 0.37 cm, duodenum 0.31 cm, jejunum 0.38 cm), and no distension of the lumen.



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Pancreas

Normal size (right 0.74 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding it.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Hepatopathy.
- Hepatic nodules.
- Possible age-related renal changes vs renal disease.

Secondary findings:

- Gall bladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

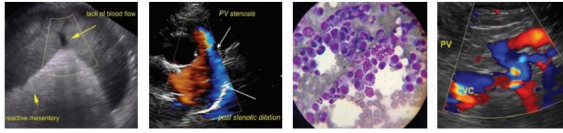
Etiologies for the hepatopathy would be vacuolar, reactive, metabolic, chronic hepatitis, early cirrhosis, and infiltrative neoplasia. Etiologies for the hepatic nodules would be nodular regeneration, granulomas, organized abscesses, hematomas, and neoplasia.

Although the appearance of the kidneys may be an age-related finding, early renal disease needs to be considered.

The gall bladder sediment is most likely an incidental finding with emerging mucocele a differential diagnosis.

Further assessment would be urinalysis and renal function testing (serum urea, creatinine, SDMA). A Tru-Cut/wedge biopsy of the liver and nodules may, however, be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.



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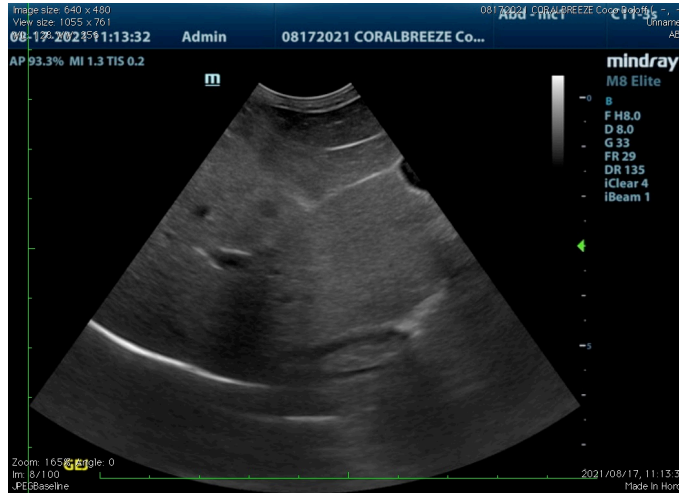
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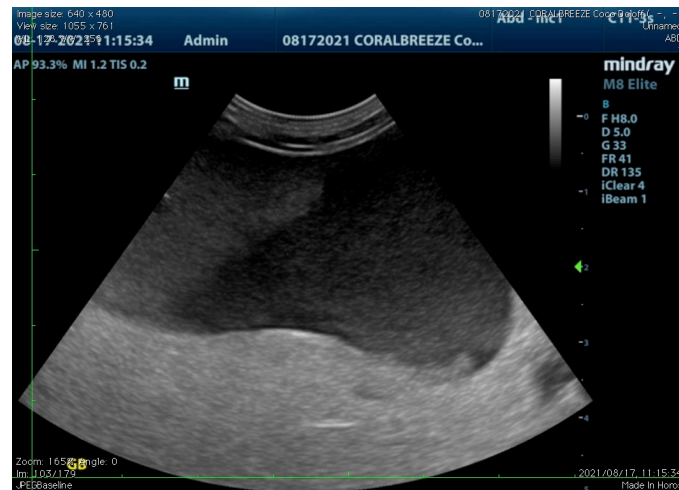
8/17/21

IMAGES

Liver



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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