

PATIENT

Maggie Tyler

SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

10 years

WEIGHT

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

302918

DATE

4/20/22

PRESENTING CLINICAL SIGNS

History: Follow up ultrasound – gall bladder pathology, splenic nodule, and hepatopathy on previous ultrasound (3/21).

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness 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 4 cm, right 3 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral pinpoint mineralization.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.47 cm, right 0.44 cm.

Spleen

Normal size with a diffuse mottled echogenic appearance. Irregular, faint isoechogenic mass (1.8 cm) in the body of the spleen. Focal hyperechogenic parenchymal nodule (0.5 cm) in the tail of the spleen. Smooth curvi-linear capsule, and normal vasculature.

Liver

Normal size with a diffuse coarse echogenic appearance, and some loss of portal markings. Small hyperechogenic parenchymal nodule in the left lobe. No masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder. Normal bile duct.



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (jejunum 0.39 cm) and peristalsis, and no distension of the lumen.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Nodular splenic pathology.
- Hepatopathy with focal nodule.

Secondary findings:

- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The gall bladder and colon changes evident on the previous ultrasound have resolved. The splenic and hepatic changes are, however, still present. In addition, a larger mass is now apparent in the spleen.

Etiologies for the spleen would be reactive, hyperplasia, splenitis, abscessation, granulomatous disease, and neoplasia.

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, early nodular regeneration, and infiltrative neoplasia.

Further assessment would be FNA cytology of the spleen and liver.

Specific therapy would be dependent on an etiological diagnosis.

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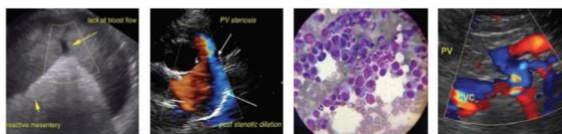
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IMAGES

Spleen

3/21

4/19



Liver

3/21

4/19



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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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