



PATIENT PRESENTING CLINICAL SIGNS

Lizzy Jernigan History: Asymptomatic. Screening prior to dental and lumpectomy.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: Normal.

BREED Serum Biochemistry: Mildly elevated ALP activity, elevated triglycerides.

Cocker Spaniel Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS

Urinary System

AGE

11 years

Small urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT

31 #

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 5.5 cm, right 5.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
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Reproductive System

N/A.

IMAGING PERFORMED BY

Amy Mayhew, LVT

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.41/0.45 cm, right 0.61/0.59 cm.

HOSPITAL NAME

SVS Imaging CT

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Two focal nodules – one with a mottled echogenic (1.1 cm) and the other with a hypoechoic appearance (0.5 cm); both parenchymal and in the body of the spleen without any distortion of the overlying capsule.

REFERRING VET

Wixom Family Pet
Practice

Liver

Normal size and portal markings with a diffuse increased echogenic appearance. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

DATE

3/23/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Ingesta within the small intestine.



PATIENT *Pancreas*

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

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Cocker Spaniel

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

FS

- Splenic nodules.
- Hepatopathy.

AGE

11 years

Secondary Findings:

- Age-related renal changes.

WEIGHT

31 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the splenic nodules would be hematomas, neoplasia, granulomas, and abscessation.

Etiologies for the hepatopathy would be age-related, reactive, vacuolar, metabolic, early cirrhosis, chronic hepatitis, and iron/copper hepatopathy, with infiltrative neoplasia, a far less likely differential diagnosis.

Further assessment would be 3-view thoracic radiographs and FNA cytology of the liver and the splenic nodules.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be ursodiol. Splenectomy can be considered, although regular ultrasound monitor would be an acceptable alternative.

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HOSPITAL NAME

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REFERRING VET

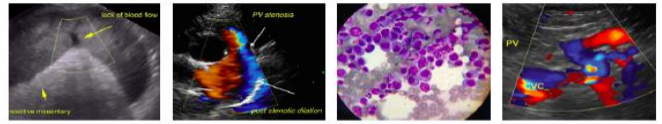
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PATIENT IMAGES

Lizzy Jernigan **Spleen**

SPECIES

Canine

BREED

Cocker Spaniel

SEX

FS

AGE

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PATIENT Liver

Lizzy Jernigan

SPECIES

Canine

BREED

Cocker Spaniel

SEX

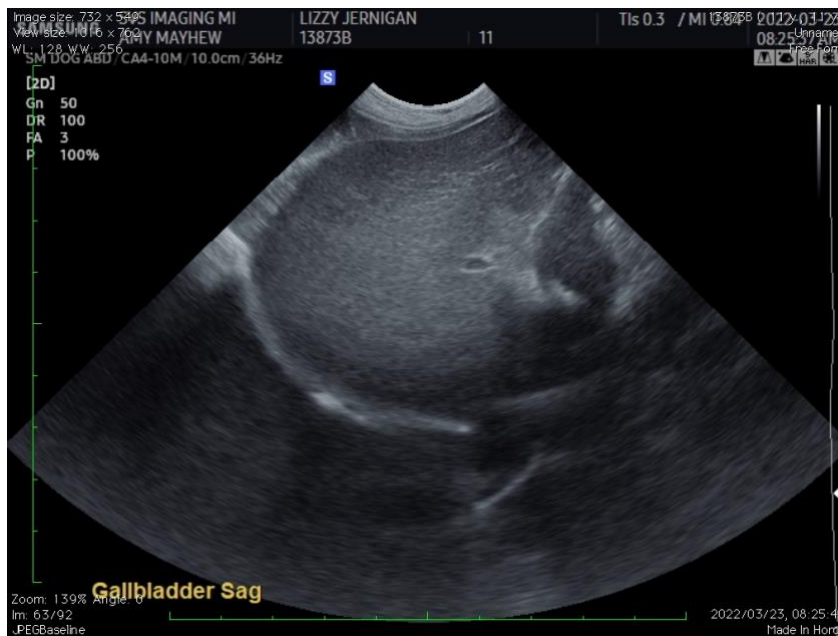
FS

AGE

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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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