



PATIENT

Bella Froomjian

PRESENTING CLINICAL SIGNS

Patient presents for concern for possible splenic mass, normal blood work from the weekend.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

BREED

Labrador Retriever

SEX

Spayed Female

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.27 cm. The left kidney measured 7.31 cm.

AGE

6 Years

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.37 cm x 0.43 cm at the caudal pole and 0.38 cm at the cranial pole. The right adrenal gland measured 1.89 cm x 0.85 cm at the caudal pole and 0.67 cm at the cranial pole.

WEIGHT

83.5 Pounds

Spleen

A mixed hypoechoic, undifferentiated 5.83 cm mass was noted deriving from the **spleen**, most of which appears to be hematoma as well as tissue proliferation. Multiple other masses noted on the spleen, strongly consistent with a neoplastic process.

INTERPRETED BY

Eric Lindquist, DMV

Liver

The **liver** revealed subtle heterogeneous parenchymal changes, yet no overt evidence of metastatic disease. No evidence of cavitation. The gallbladder was unremarkable.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

HOSPITAL NAME

Westwood Regional

REFERRING VET

Dr. Goldman

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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Other

A moderate amount of free fluid was noted in the abdomen.

DATE

1/26/22



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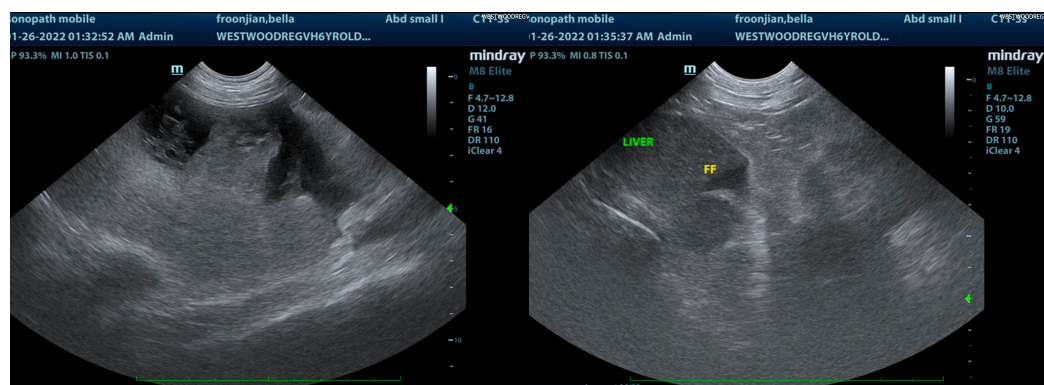
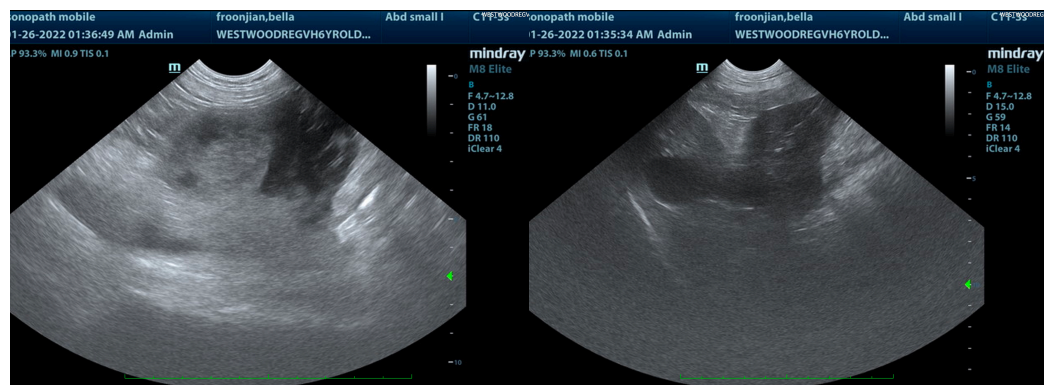
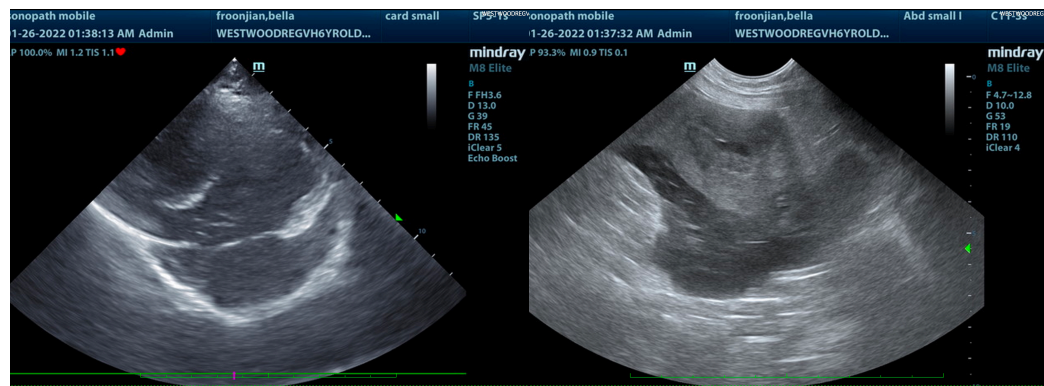
Rapid view of the heart revealed no evident pathology in the right auricle or pericardium.

ULTRASONOGRAPHIC FINDINGS

- Splenic masses with rupture and hemoabdomen – hemangiosarcoma versus benign hematoma (less likely).

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Clean resection of the splenic mass may be challenging, as omental adhesions appear to be present. Chest radiographs and exploratory surgery indicated.





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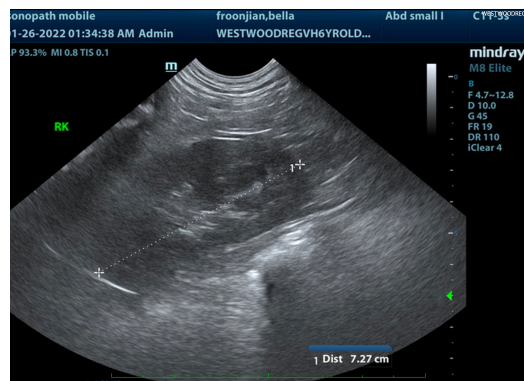
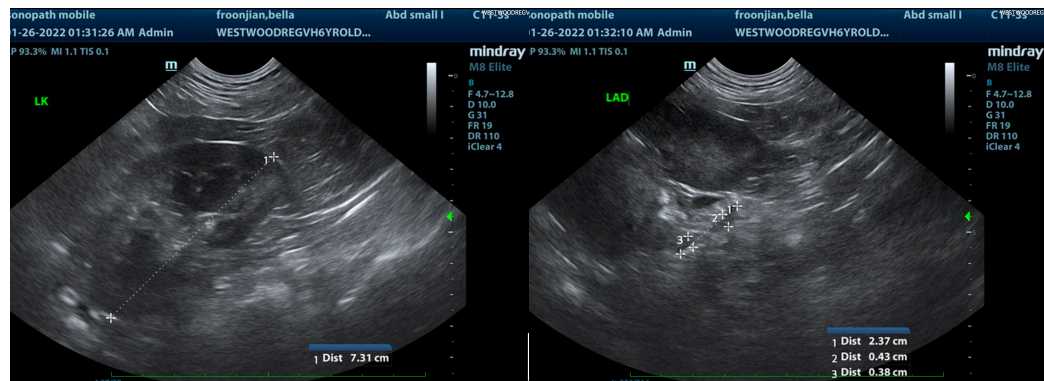
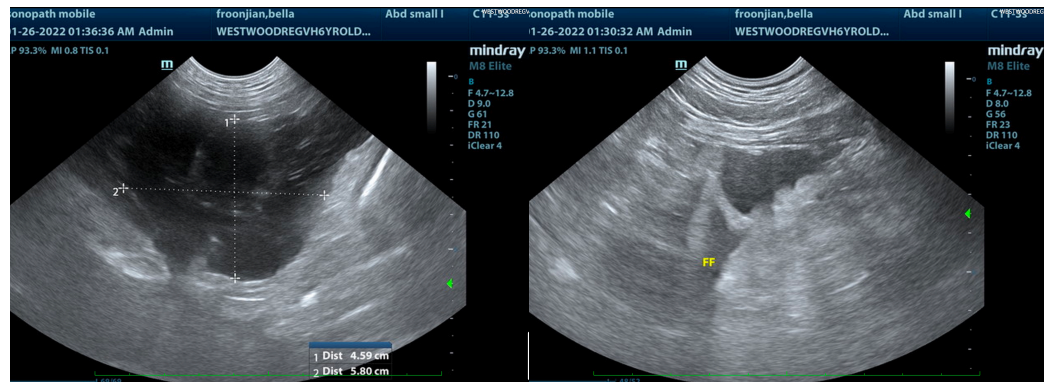
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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