



**PATIENT**

Maggie Foley

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Spayed Female

**AGE**

2 years

**WEIGHT**

48 lbs

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

HoHoKus VH

**REFERRING VET**

Dr. Eisenberg

**PRESENTING CLINICAL SIGNS**

Adopted several months ago, polyphagia, no overt GI signs, PU/PD. No current meds. Last 2 fecals (neg). Voracious appetite but failure to gain weight. Thin body condition, visible ribs/spine. Abnormal PE/Chem/CBC/UA Results: CBC/Chem: WNL. U/A: WNL. Fecal: WNL. Maldigestion panel: WNL.

**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. A trace amount of sand was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

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 5.97 cm. The left kidney measured 6.3 cm.

**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 1.58 x 0.35 cm at the caudal pole and 0.45 cm at the cranial pole.

**Spleen**

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

**Liver**

The **liver** was subnormal in size and hypovascular. An irregular vessel was noted in the portal hilus. This is strongly consistent with splenocaval shunting. However, further imaging is necessary for confirmation. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

**Gastrointestinal**

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. There was retention of ingesta noted in the stomach. Small and large intestine demonstrated normal luminal chyme and stool

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consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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**SPECIES**

**Pancreas**

Canine

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.

**BREED**

Labrador Retriever Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Strong concern for splenocaval shunt.

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

CT with contrast is indicated. Bile acid profile is indicated if elevated CT with contrast is indicated.

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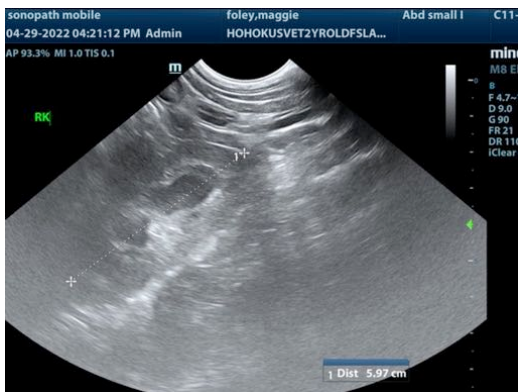
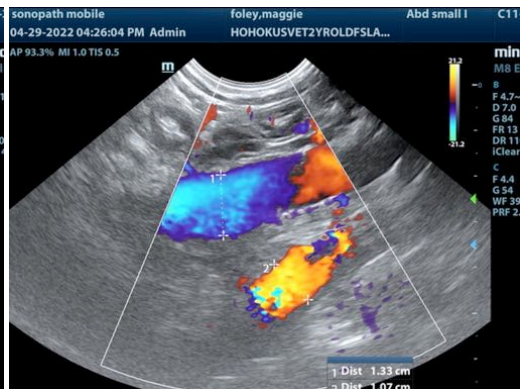
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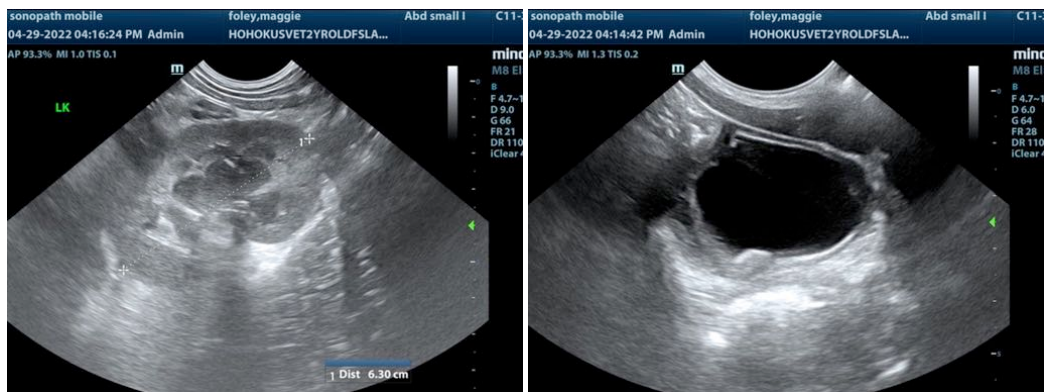
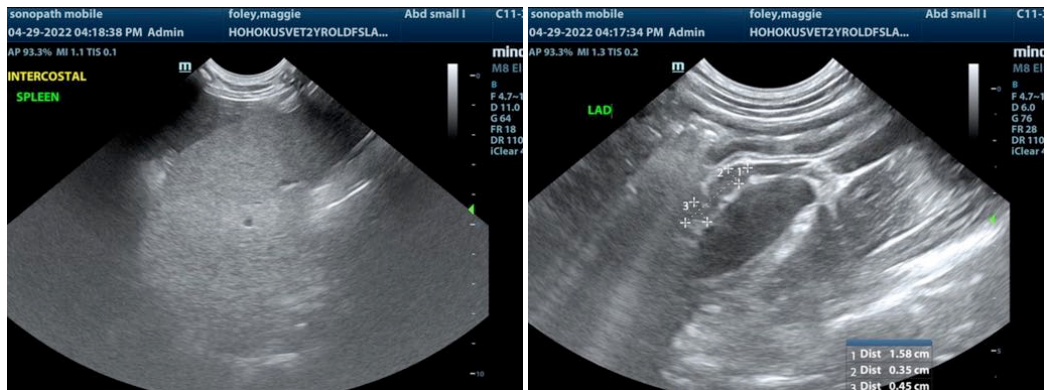
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Info@SonoPath.com



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