



**PATIENT PRESENTING CLINICAL SIGNS**

Eli Barrera Elevated LE, on drop off O states that P was eating dirt and had an accident in the house. Current meds: Denamarin, Dasuquin  
Abnormal PE/Chem/CBC/UA Results: ALKP 835, ALT 513, Glob 3.8

**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 was noted. Ureteral papillae were normal.

**BREED**

Shetland Sheepdog

**SEX**

Neutered male

The residual prostate was uniform and measured 1.3 cm.

**AGE**

10 years

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 left kidney measured 4.9 cm. The right kidney measured 4.57 cm.

**WEIGHT**

30.9 lbs

**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 1.35 x 0.48 cm at the cranial pole and 0.45 cm at the caudal pole. The right adrenal gland measured 2.12 x 0.93 cm at the cranial pole and 0.51 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**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.

**HOSPITAL NAME**

Tranquility VC

**REFERRING VET**

Dr. Blackman

**Liver**

The **liver** revealed mild enlargement and slight coarse architecture. The gallbladder and common bile duct were unremarkable with slightly increased portal markings. A minor amount of gallbladder debris was noted and polypoid changes.

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**Gastrointestinal**

**DATE**

4/26/22

The **stomach** revealed minor, soft shadowing material that measured 1.0 cm and was non-obstructive. This may be residual chyme, grass or soft foreign matter. The small intestine and colon were empty in this patient with normal structure.



**PATIENT**

**Pancreas**

Eli Barrera

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.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Unremarkable abdomen with slight, non-obstructive luminal gastric material.

Shetland Sheepdog

Luminal gastric material.

Minor, non-specific inflammatory hepatopathy.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

FNA of the liver could be considered in this patient for further definition of inflammatory cell type. Leptospirosis titers are warranted to rule out occult disease given the endemic essence in the region.

10 years

**WEIGHT**

30.9 lbs

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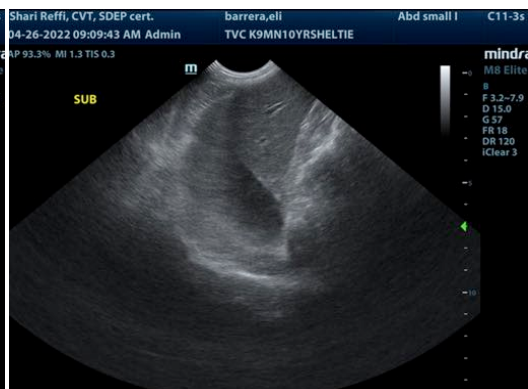
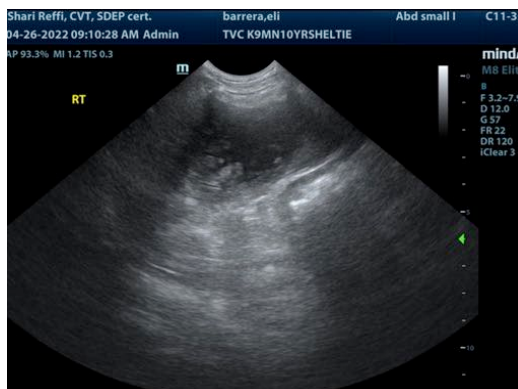
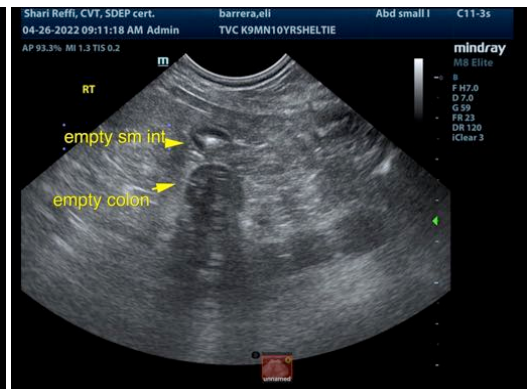
Dr. Blackman

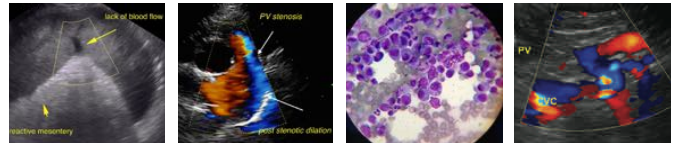
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**DATE**

4/26/22





**PATIENT**

Eli Barrera

**SPECIES**

Canine

**BREED**

Shetland Sheepdog

**SEX**

Neutered male

**AGE**

10 years

**WEIGHT**

30.9 lbs

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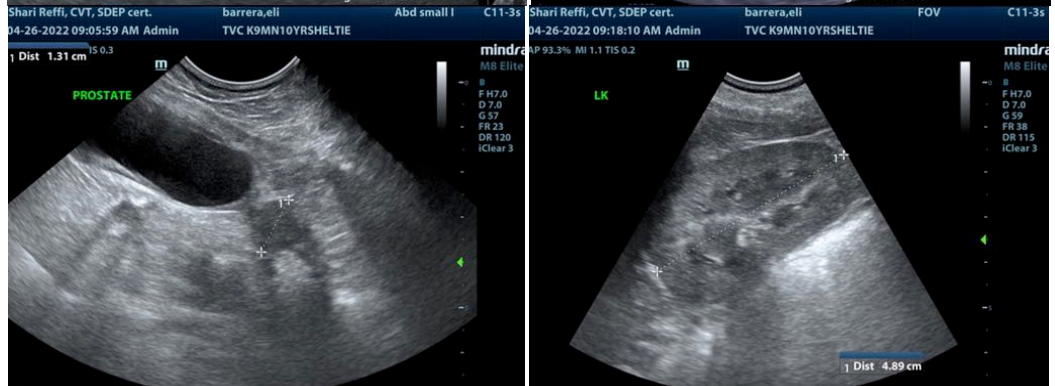
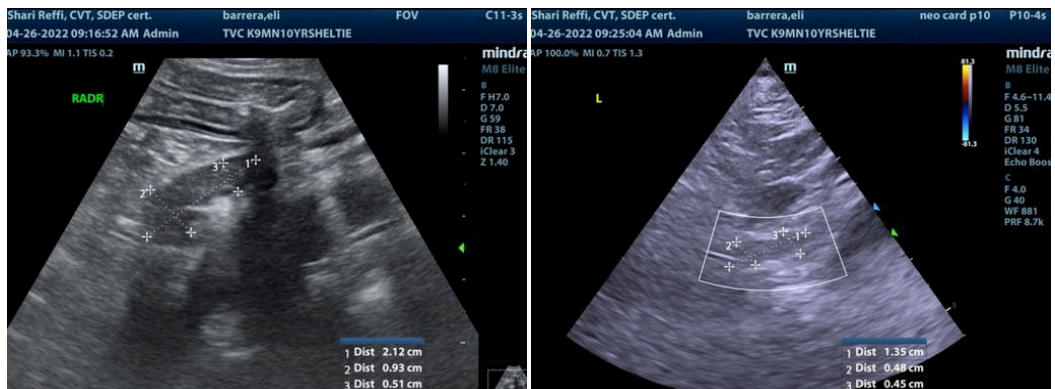
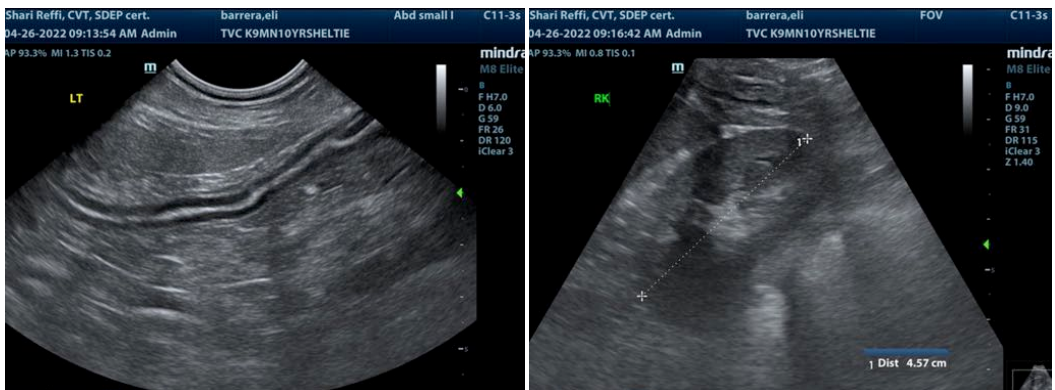
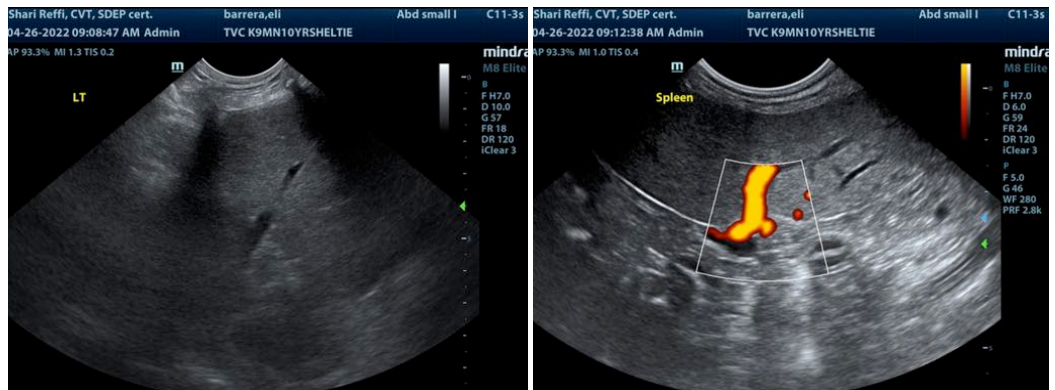
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**PATIENT**

Eli Barrera

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.

**SPECIES**

Canine

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.

**BREED**

Shetland Sheepdog

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

**SEX**

Neutered male

**AGE**

10 years

**WEIGHT**

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