

**PATIENT**

Blue Clavijo

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Male

**AGE**

3 years

**WEIGHT**

82 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Mayra Sanchez

**HOSPITAL NAME**

Sunset AH

**REFERRING VET**

Dr. Polit

**INVOICE**

42862

**DATE**

12/5/22

**PRESENTING CLINICAL SIGNS**

History: Patient presented for diarrhea for 5 days and sometimes vomits  
Abnormal PE/Chem/CBC/UA Results: PE: NAF Chem: BUN 39, CRE 1.6 UA: USG 1.018, mild pyuria  
Radiographs: prominent spleen; no obvious FB or obstruction seen Baseline cortisol: pending

**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.

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 7.16 cm. The right kidney measured 6.73 cm.

**Adrenal Glands**

The regions of the **adrenal glands** were imaged with no evidence of pathology.

**Spleen**

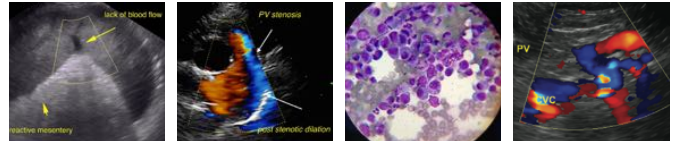
The **spleen** was mildly enlarged and folded upon itself with subtle, granular parenchymal appearance. The spleen revealed mild, uniform enlargement.

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**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.



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**Pancreas**

Blue Clavijo

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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**ULTRASONOGRAPHIC FINDINGS**

**BREED**

German Shepherd

Mild hypersplenism. Reactive spleen versus splenitis or emerging round cell neoplasia.

**SEX**

Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

3 years

FNA of the spleen is indicated. The cause of azotemia is unclear. Given that the regions of the adrenal glands were imaged adequately, yet not overtly visible underlying Addison's may be an issue.

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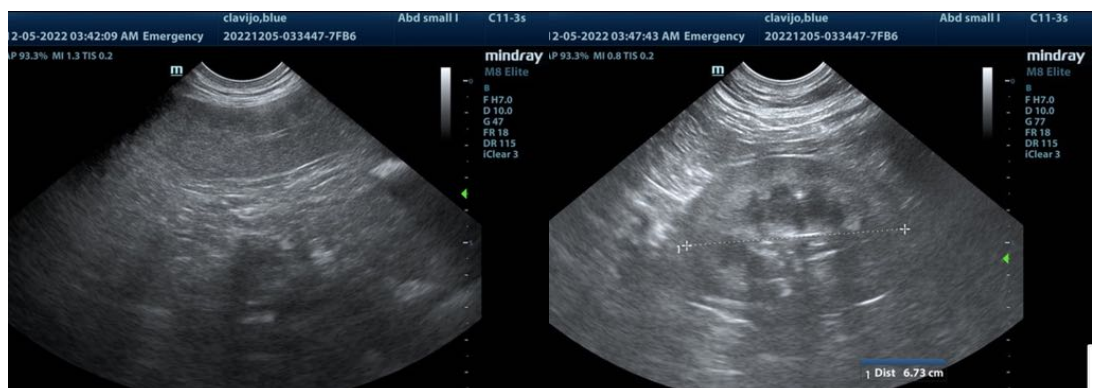
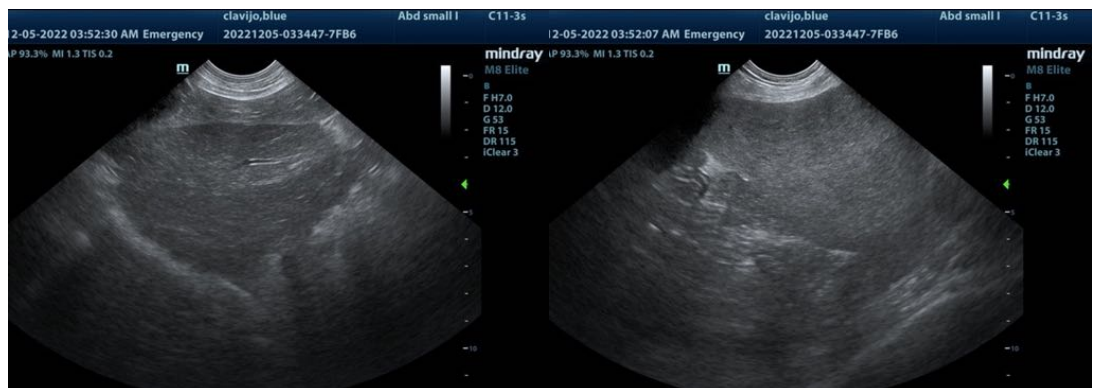
Dr. Polit

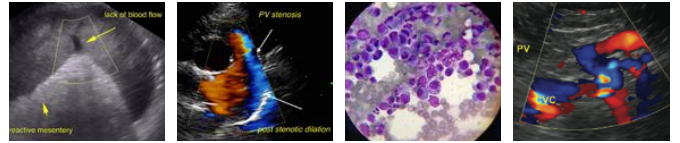
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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