



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Can Nero Unidad Policia de PR	Pt presented for an abdominal ultrasound to evaluate a suspicious soft tissue opacity on cranial to mid abdomen after radiographs were taken after a recent visit for diarrhea. The diarrhea is resolving and pt is doing well at this time. Pt is heartworm positive. Pt currently on metronidazole, cerenia, famotidine, probiotics and gastro intestinal diet.
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: CBC: Eosinophils 1.56 0.06 - 1.23 K/ $\mu$ L Platelets 144 148 - 484 K/ $\mu$ L Chem: Total Protein 9.0 5.2 - 8.2 g/dL Globulin 6.1 2.5 - 4.5 g/dL The rest of CBC and Chem were wnl
Canine	
<b>BREED</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Belgian Malinois	<b>Urinary system</b>
<b>SEX</b>	The urinary bladder, trigone und pelvic urethra present normal findings without evidence of uroliths or sediment. Wall layering is intact on all views without focal or diffuse thickening. Ureters are not visualized and considered to be normal. There is no evidence of an inflammatory or neoplastic process are noted.
M	
<b>AGE</b>	The prostate shows moderate enlargement presenting a marked bi-lobulated shape and is inhomogeneous.
9 Years	
<b>INTERPRETED BY</b>	The left kidney measures 8.12 cm length, right kidney 7.22 cm. The cortex/medulla ratio appears increased. Both show a fuzzy corticomedullary transition with an indicated hyperechoic medullary rim. The subcapsular region reveals a tiny hypoechoic rim.
Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging	Renal pelvis and exit to the ureters are unremarkable.
<b>HOSPITAL NAME</b>	<b>Adrenal glands</b>
Paseos Veterinary Center	Both adrenal glands are considered as normal.
<b>REFERRING VET</b>	<b>Spleen</b>
Dr. J. Walker	Splenic margins are moderately rounded with maximum splenic transverse diameters of 2.56 cm. Splenic echotexture is inhomogeneous. There are no signs of nodular/focal changes are noted. Splenic vasculature presents normal course of vessels and unremarkable perfusion of the splenic veins.
<b>INVOICE</b>	<b>Liver/Gallbladder</b>
47126	The liver presents regular findings in terms of size, surface and texture. Deviation of vasculature is not noticed. Evidence of nodular or focal changes are not visible. Gallbladder is unremarkable without signs of relevant sludge, a florid process/cholestasis. Liver vasculature presents normal appearance.
<b>DATE</b>	
8-24-21	



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Can Nero Unidad  
Policia de PR

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**Gastrointestinal**

Stomach, small and large intestine present intact wall layers being normal in width and echogenicity (transverse diameters stomach 3.6 mm; duodenum 4.7 mm, jejunum 2.8 mm, colon 1.8 mm). Adjacent mesentery and fat tissue are of normal appearance. No overt evidence of ileus and again, no signs of a florid or neoplastic process. Mesenteric lymph nodes are considered as normal.

**Pancreas**

All pancreatic parts displayed show isoechoic echogenicity to the surrounding omental fat. Signs of inflammatory changes or focal lesions are missing.

**Free Abdomen**

No peritoneal or retroperitoneal effusion. Abdominal fat and great vessels show no pathological findings.

**ULTRASONOGRAPHIC FINDINGS**

**Primary**

- Moderate splenomegaly with an inhomogeneous echotexture

**Secondary**

- Signs of a mild and chronic nephropathy
- Moderate benign hyperplasia of the prostate

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Rounding of the splenic margins indicates enlargement of the spleen more than the transverse diameters. However, splenic size still partially is a subjective assessment. Shepard-like dogs usually have a large spleen, which is alone is not pathologic. Enlargement and the inhomogeneous echotexture are very unspecific findings and are commonly seen with extramedullary hematopoiesis and benign lymphoid hyperplasia due to immune stimulation/systemic infection/-inflammation. Infiltrative disease as seen with round cell tumors or lymphoma is not suspected.

Changes of the kidneys are bilateral. I suggest they are age-appropriate and may represent a degenerative finding.

Hyperplasia of the prostate is a normal finding in intact male dogs. Mild prostatitis is possible as well.



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Stomach and small intestine including pancreas and gallbladder represent normal findings. Normal sonographic appearance does not exclude functional problems such as indigestibility going along with IBD.

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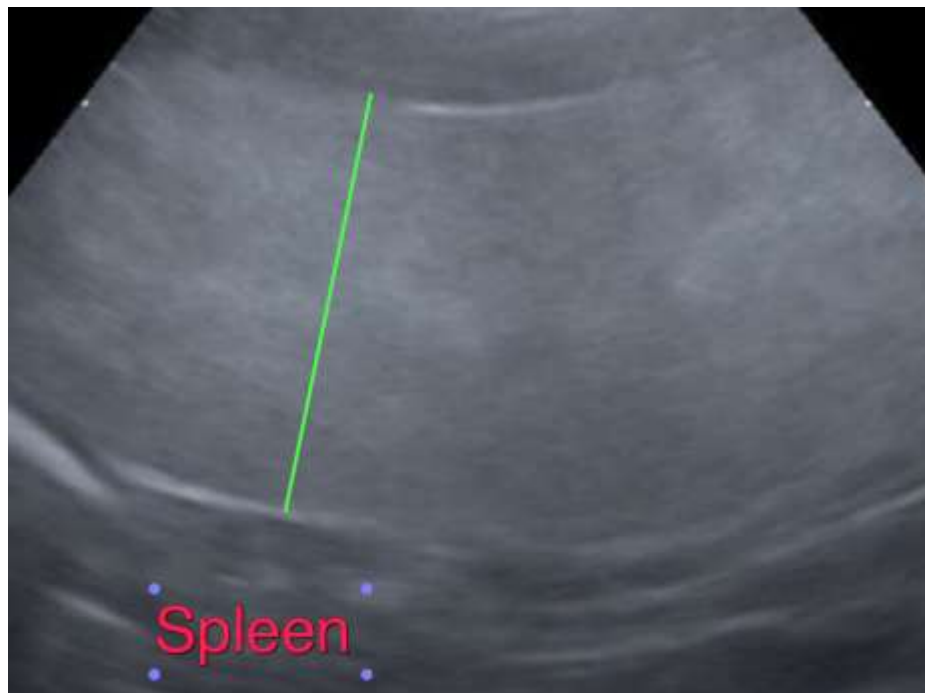
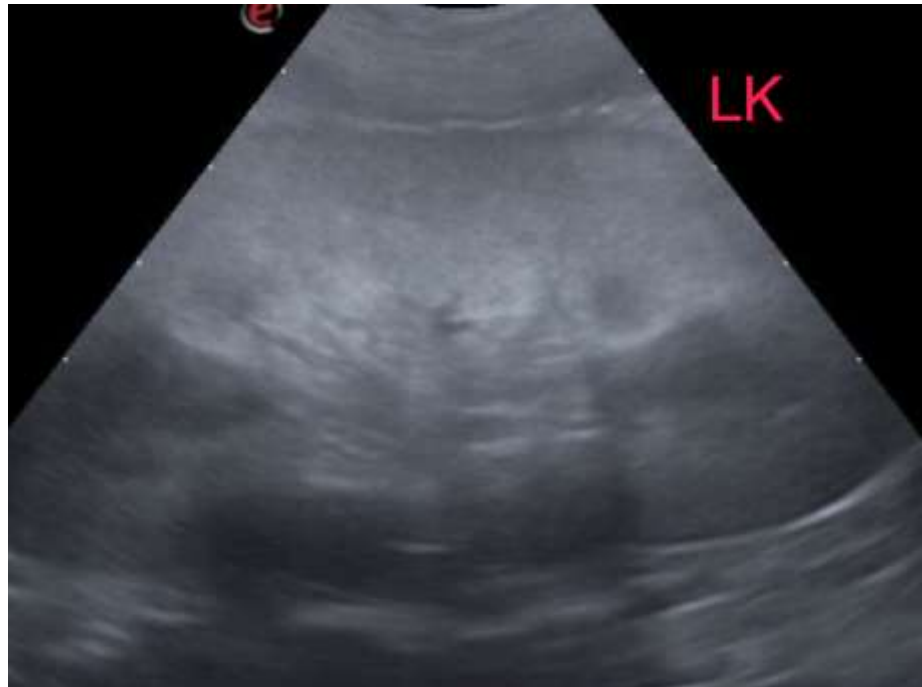
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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.

**Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging**  
Sebastian.Jawinski@sonopath.com

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