



PATIENT

Prada Rubino

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

11 Years

WEIGHT

11.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Westwood Regional

REFERRING VET

Dr. Hartwick

INVOICE

33786

DATE

12/28/21

PRESENTING CLINICAL SIGNS

Acute onset hyphema/blindness on 11/19/21; had ophtho consult: detached retinas, anterior uveitis, etc. - R/O immune mediated disease due to positive response to meds per Dr. Holmberg. R/O neoplasia, all causes, immune disease. CXR: 3 views NSF. Current meds: Mycophenolate, Pepcid, Prednisolone oral taper, Prednisolone Acetate oph drops, Doxycycline, Bromfenac ophthalmic.
Abnormal PE/Chem/CBC/UA Results: 11/19/21: Chem: BUN 35, creat. 1.5, Alk.Phos. 19, all else normal. CBC: WNL. Tick titer was negative.

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.

The **kidneys** presented idiopathic hyperechoic medullary rim sign and were slightly subnormal in size with minor increased cortical echogenicity. However, the changes were minor and non-specific. The left kidney measured 3.5 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 right adrenal gland measured 1.18 cm x 0.50 cm at the caudal pole and 0.31 cm at the cranial pole. The left adrenal gland measured 1.23 cm x 0.41 cm at the caudal pole and 0.38 cm at the cranial pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

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

Prada Rubino

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

- Non-specific minor degenerative renal changes with idiopathic medullary rim sign
- Geriatric abdomen otherwise

BREED

Shih Tzu

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of visceral disease directly related to the clinical history. The Prednisone may be suppressing a more significant presentation.

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Spayed Female

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

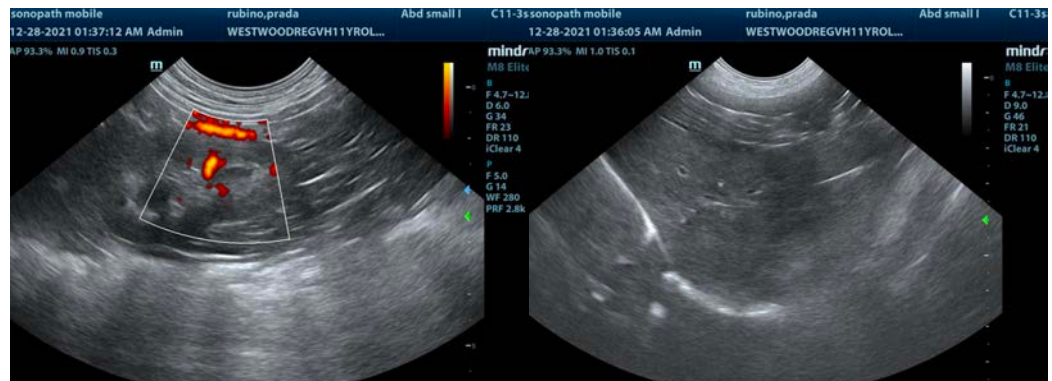
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One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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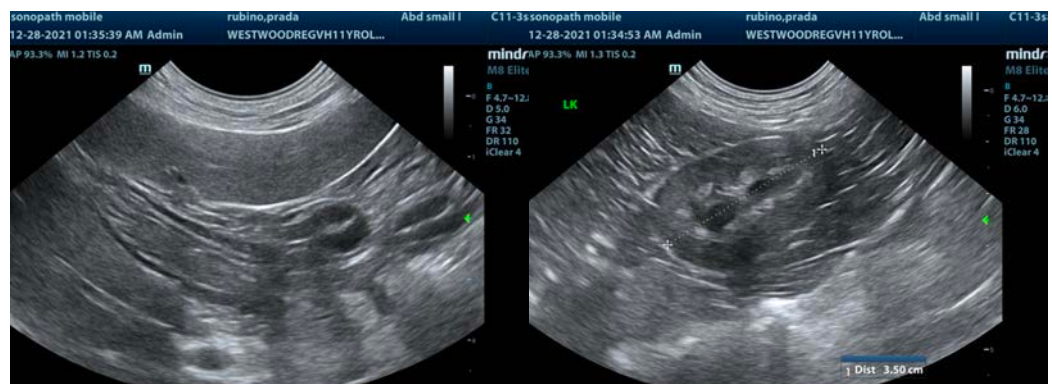


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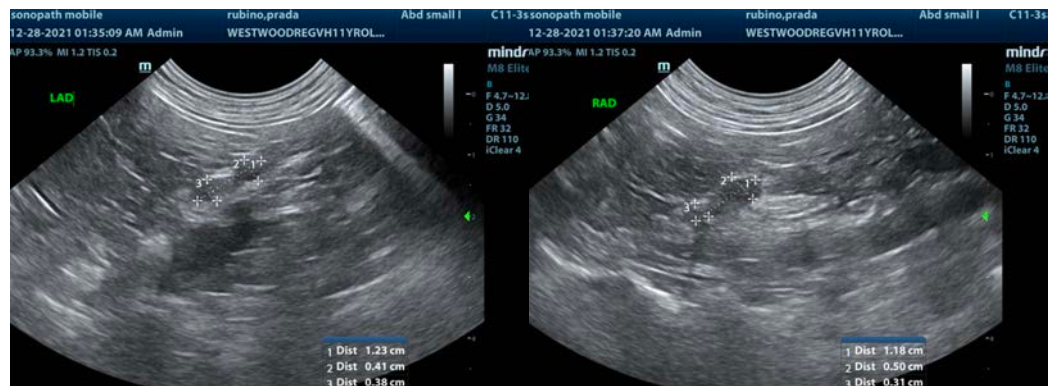
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@SonoPath.com