



PATIENT

Tiffany Castro

SPECIES

Canine

BREED

French Bulldog

SEX

Spayed Female

AGE

1 Year 9 Months

WEIGHT

N/A

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional
VH

REFERRING VET

Dr. Goldman

INVOICE

16498

DATE

7/6/22

PRESENTING CLINICAL SIGNS

History: ALT 547, vomiting history - and allergic reaction history (had been seen at Blue Pearl). Current meds: Cerenia, famotadine, metronidazole, unasyn.

Abnormal PE/Chem/CBC/UA Results: ALT 547, low K+ and chloride.

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** 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 4.15 cm. The left kidney measured 3.93 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 1.99 cm x 0.5 cm at the caudal pole and 0.63 cm at the cranial pole. The left adrenal gland measured 1.58 cm x 0.39 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 an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.



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Pancreas

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The left limb of the **pancreas** was hypoechoic with undulating contour.

SPECIES

Free Abdomen

Canine

The mesenteric **lymph nodes** presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. An example of lymph node size measured 3.0 cm x 1.37 cm.

BREED

French Bulldog

ULTRASONOGRAPHIC FINDINGS

SEX

- Nonspecific gastroenteritis pattern
- Reactive hepatopathy/nonspecific inflammatory hepatopathy
- Hypoechoic left pancreatic limb
- Reactive mesenteric lymph nodes

Spayed Female

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

1 Year 9 Months

Endoscopy with mucosal biopsies or full thickness intestinal and lymph node biopsies with hepatic biopsies would be valid in this patient. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. FNA of the liver and mesenteric lymph nodes with cytology and culture could be considered for further definition. This is likely an acute on chronic inflammatory bowel presentation. Leptospirosis should be ruled out as a potential underlying factor.

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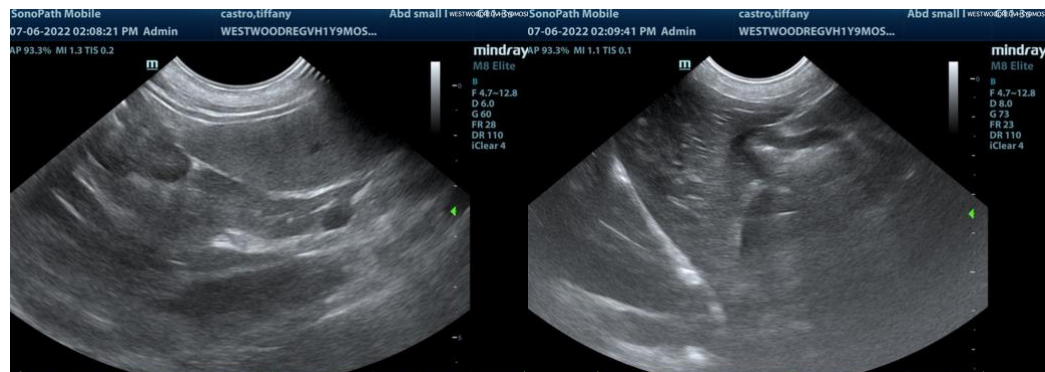
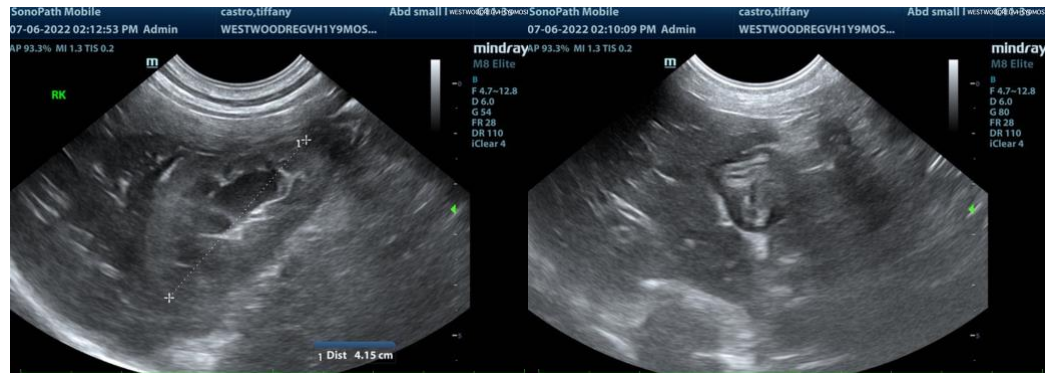
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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

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