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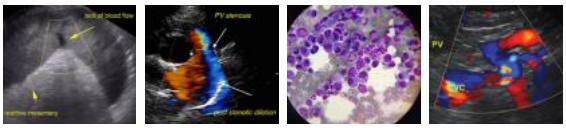

ANIMAL SOUNDS NW
MOBILE VETERINARY ULTRASOUND
IMAGING PERFORMED BY
AnimalSoundsNW.com 541-357-9423

PATIENT

Bentley Hotaling

SPECIES

Canine

BREED

Yorkie

SEX

Neutered Male

AGE

3 Years

WEIGHT

5.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

West Salem AC

REFERRING VET

Dr. Crane

INVOICE NUMBER

23354

DATE

7/13/23

PRESENTING CLINICAL SIGNS

History: 5-7% dehydrated Very tense, mild pain response with abdominal palpation Hemorrhagic diarrhea BAR, tolerant of exam and diagnostics H/L: WNL MCS: normal Current Medications Unasyn, Buprenorphine, Gabapentin, cerenia, Pantoprazole, proviable, denamarin Radiographic Findings none Primary Question/Differential to Be Answered in This Exam 1. decreased appetite, continued hemorrhagic diarrhea, HGE 2. Elevated liver enzymes, ^ALP and ^ALT. Abnormal PE/Chem/CBC/UA Results: PCV/TS 41% and 6.6 ALT 233 ALKP 400 Negative Fecal

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 residual prostate was uniform, measuring 0.6 cm.

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 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 1.32 cm x 0.83 cm at the cranial pole and 0.3 cm at the caudal pole. The left adrenal gland measured 1.43 cm x 0.36 cm at the cranial pole and 0.37 cm at the caudal 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

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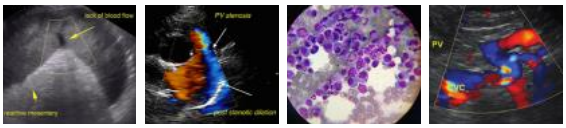

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

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.

ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen- no evidence of pathology.
- Structurally, the GI tract appears unremarkable.
- Reactive hepatopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This is likely reactive hepatopathy, given the lack of abnormal structural changes to the liver. No evidence of pan related visceral disease in the abdomen. The cause of poor appetite is unclear. Give the patient history, supportive care for GI insult and possible underlying parasitic disease should be considered yet all-in-all, the abdomen appears structurally benign.

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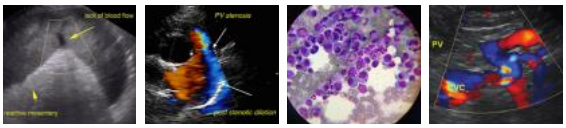

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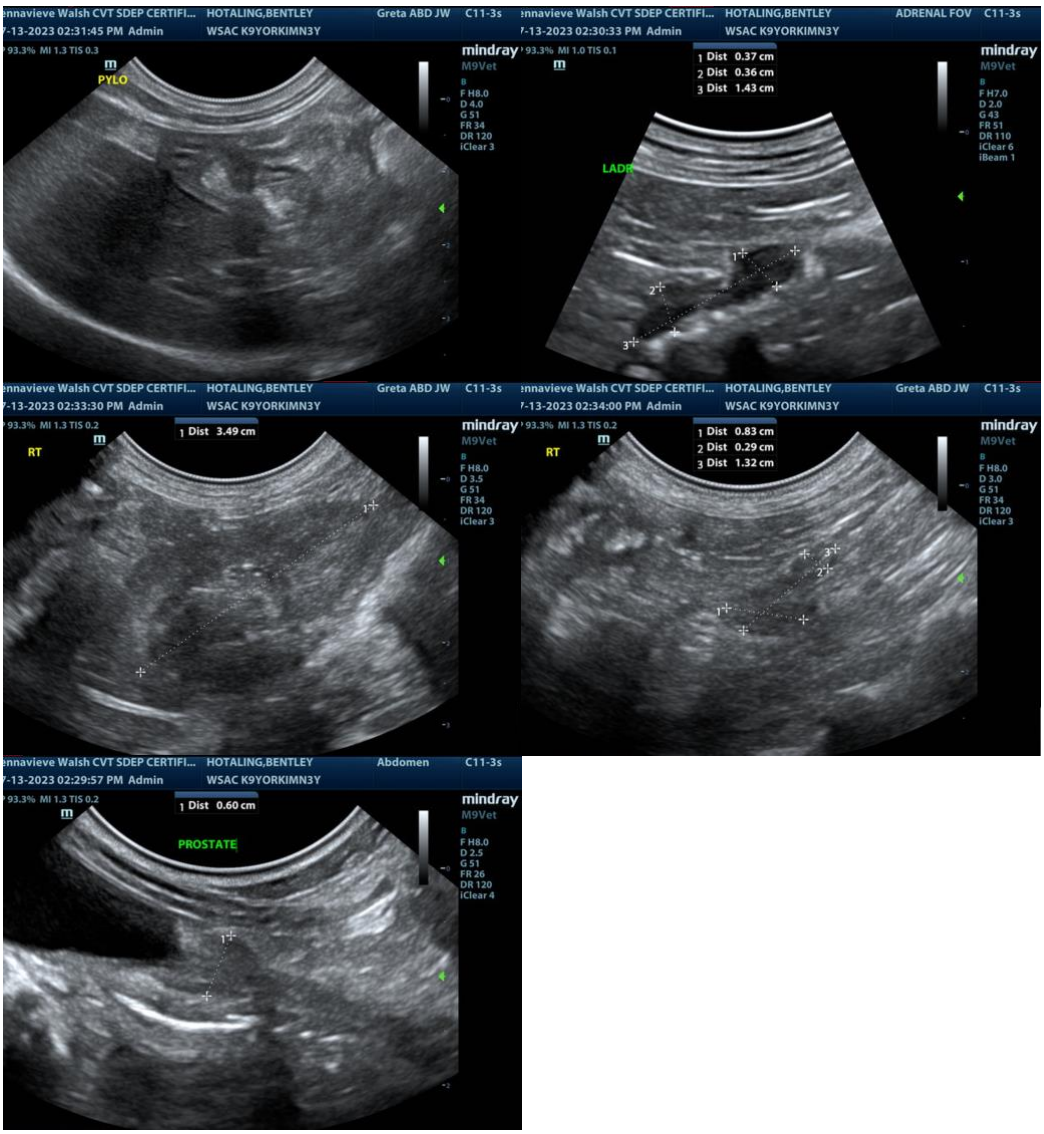

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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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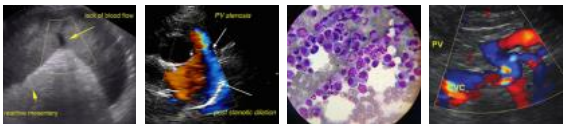

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