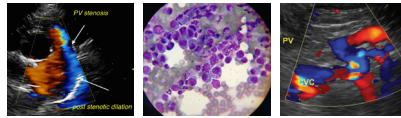


IMAGING PERFORMED BY

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SonoPath

Clinical Sonography & Telectology

EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

DATE PRESENTING CLINICAL SIGNS

3/4/22 ADR (not himself for 3 weeks) picky eating. Increase in water intake, straining to urinate and going outside more often. Intermittent soft stools, recently smaller and darker in color. Tick bite in the beginning of December in 2021. Had diarrhea 6/9/21, history of small bowel disease.

PATIENT

Murphy Hoffman Current Medications: Amoxi 500mg- 2 BID x 10 days (UTI on UA 2/17/22) apparently resolved 3/1/22.
Lab Results: Unremarkable

SPECIES

Canine

Radiographs: Spondylosis thorax-lumbar, some decrease in abdominal detail, boxy/misshapen kidneys, small liver- stomach shift, boney changes, cranial pubis?

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Great Dane

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Neutered Male

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.

AGE

8/26/14

The prostate was mildly enlarged and slightly heterogeneous. Pericapsular inflammatory pattern noted. The prostate measured 2.92 cm at the mid body. However, it appeared to extend cranially into the pre-prostatic urethra.

WEIGHT

158 Pounds

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 8.56 cm. The right kidney measured 8.95 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

IMAGING PERFORMED BY

Rachel Brilhart RDMS

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 left adrenal gland measured 4.26 cm x 0.77 cm at the caudal pole and 0.84 cm at the cranial pole. The right adrenal gland measured 3.97 cm x 1.03 cm at the caudal pole and 1.2 cm at the cranial pole.

HOSPITAL NAME

Bel Air VH

Spleen

REFERRING VET

Dr. Stevenson

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.

INVOICE

35953

Liver

The **liver** revealed coarse architecture and increased portal markings. Moderate amount of remodeling noted. The gallbladder and common bile duct were unremarkable. History of cholangitis likely in this patient.

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.

Pancreas

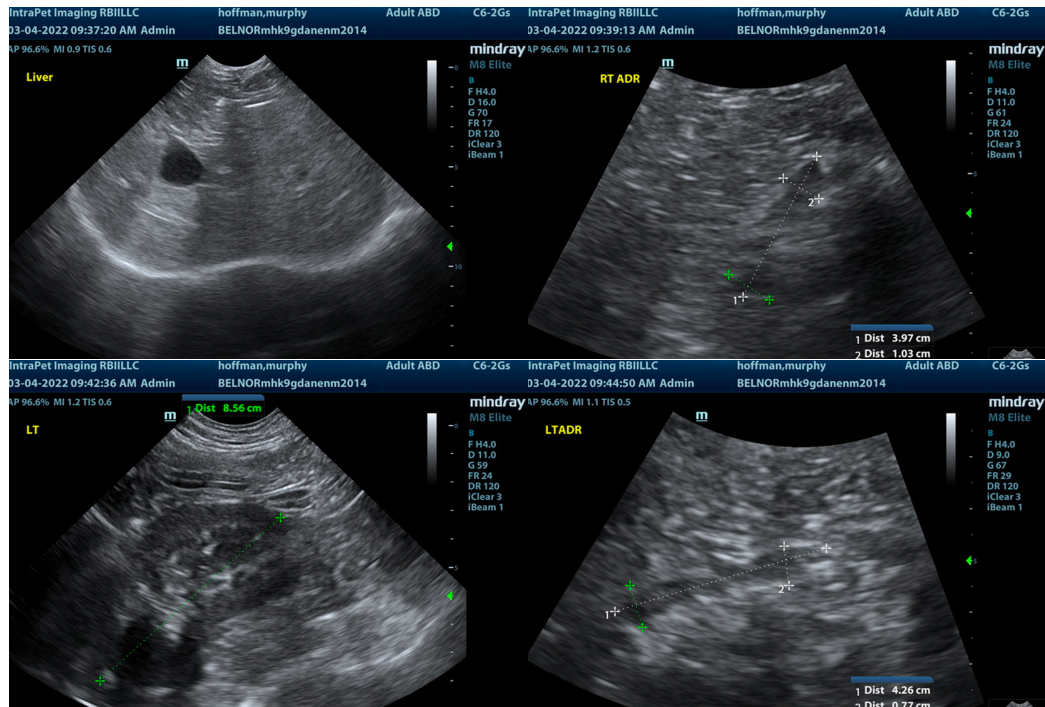
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

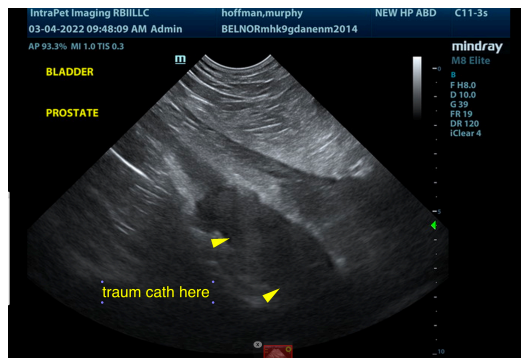
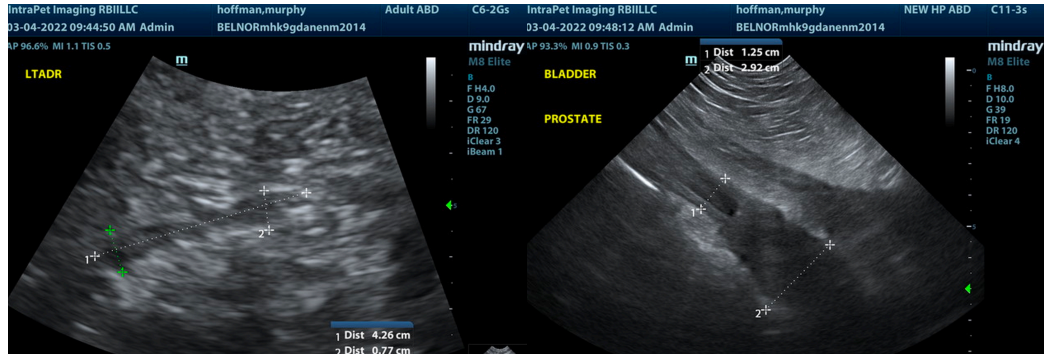
ULTRASONOGRAPHIC FINDINGS

- Irregular prostate and prostatic urethra – concern for deep urethral carcinoma
- Moderate hepatic remodeling

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Traumatic catheterization recommended with ultrasound guidance to ensure underlying carcinoma is not an issue. This may be an incidental finding, given that it can be fit directly with the clinical signs. Bile acid profile warranted. If elevated, it may be contributing to clinical signs. Otherwise, other types of disease processes would be responsible for the clinical history such as orthopedic pain, thoracic, arrhythmogenic/cardiac, or CNS disease should be considered.





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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