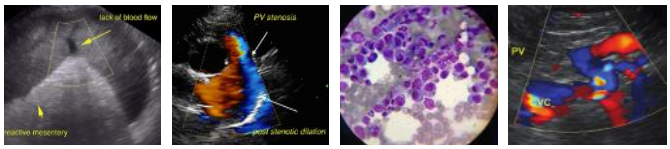
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT
Lilly Jellick

SPECIES
Canine

BREED
Boston Terrier

SEX
FS

AGE
10 years

WEIGHT
30 pounds

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Dr. Jennifer Todd

HOSPITAL NAME
Lambs Gap Animal Hospital

REFERRING VET
Dr. Laura Campbell

INVOICE
10546ag

DATE
05/09/2022

PRESENTING CLINICAL SIGNS

History: Lilly is a ten year old, FS, Boston Terrier who was presented on 4/22/22 for weight loss and eating mud. On exam , Lilly had a grade I/VI systolic,chronic, stable heart murmur, and mild crepitus in stifles. Anal gland infection/rupture was also present and treated with cefpodoxime and gabapentin. Lab results below showed anemia and increased ALP. 4DX was negative. Comprehensive fecal showed no parasites. UA showed proteinuria. CBC was rechecked on 4/30/22 and anemia was stable Blood pressure today was 150/79, 147/79, 146/79 ECG is attached as a pdf to be included in the cardiac study.
Abnormal PE/Chem/CBC/UA Results: 4/22/22: HCT=28%, Hgb=8.5, MCV=42, MCH=12.7, MCHC=30.4, retics=133, plts=854, NA:K=27, ALP=783. USG=1.053, UPC=5.2 4/30/22: HCT=28%, retics=118

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra presented normal thicknesses and normal tone to a depth of 2 cm. 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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present.

The left kidney measured 4.8 cm in length. The right kidney measured 4.8 cm in length.

Adrenal Glands

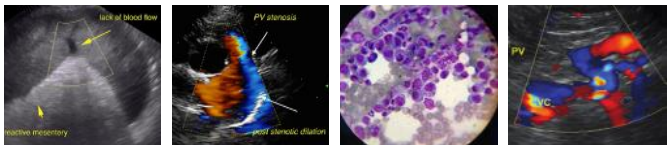
Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.9 cm in length by 0.56 cm caudal pole width by 0.51 cm cranial pole width. The right adrenal gland measured 1.91 cm in length by 0.6 cm caudal pole width by 0.8 cm cranial pole width.

Spleen

The spleen was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active



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inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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

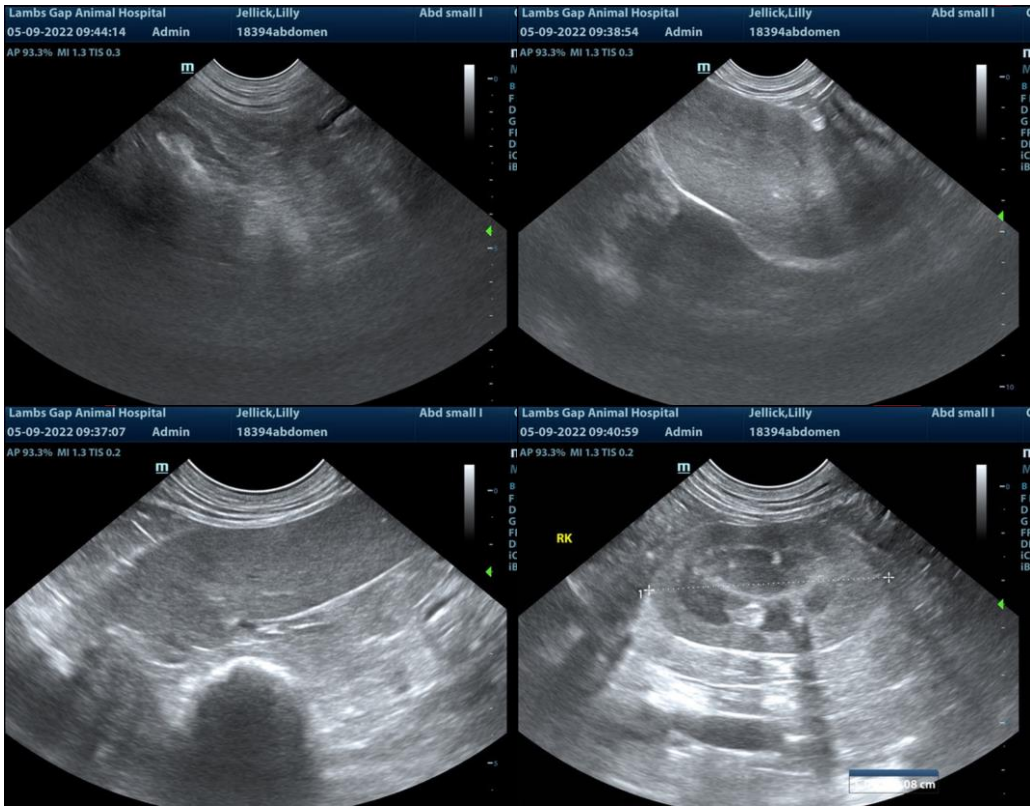
The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal, and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen-no evidence of pathology

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of this patient's anemia is unclear. A CBC path review is warranted.



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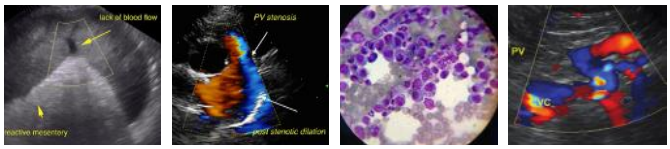

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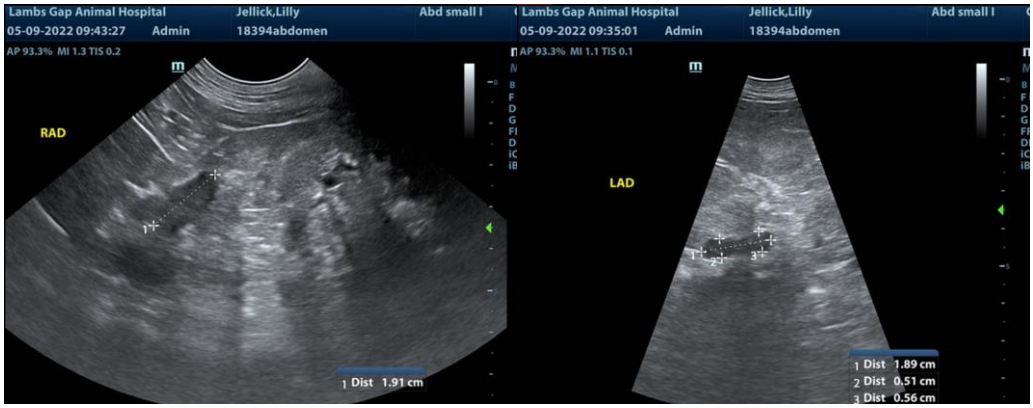

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Eric.Lindquist@SonoPath.com