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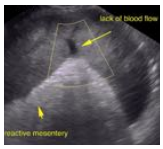

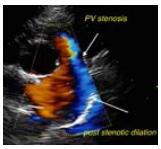

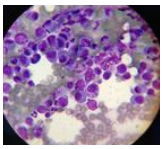
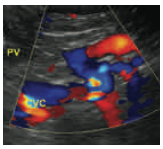

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Beenz Agudelo

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

11 years

WEIGHT

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez , CVT

HOSPITAL NAME

Westwood Regional VH

REFERRING VET

Dr. Hartwick

INVOICE

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PRESENTING CLINICAL SIGNS

Senior Wellness: ALT 562, Alk. Phos. 159, GGT 13. Normal labs on 3/2021. Soft stools for a few months, multifocal arthritis; mostly stifles, appetite = ok, "slowing down". R/O all causes of hepatopathy, GB issues etc. Current meds: was on metacam (discontinued due to liver values), to start Gabapentin/Denamarin pending results.
Abnormal PE/Chem/CBC/UA Results: CBC: WNL, T4 2.1, FT4 85.9. U/A: sed (neg), USG 1.041.

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 was 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 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 3.61 cm. The left kidney measured 2.39 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The right adrenal gland measured 1.22 x 0.47 cm at the caudal pole and 0.51 cm at the cranial pole. The left adrenal gland measured 1.35 x 0.48 cm at the caudal pole and 0.49 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 was noted.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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 revealed a 1.04 x 0.97 cm calculus. The gallbladder wall was unremarkable.

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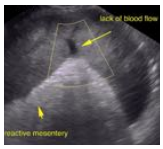
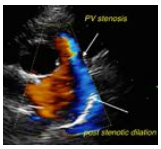
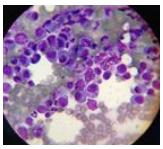
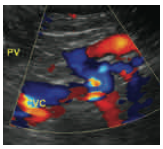

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Gastrointestinal

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

Geriatric abdomen.

Minor gallbladder calculus.

Minor benign hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The gallbladder calculus was non-obstructive. Ursodiol therapy can be considered as an attempt to dissolve gallbladder calculus. However, this is highly variable patient to patient in effectiveness. FNA of the liver can be considered for further definition, yet subjectively appears benign.

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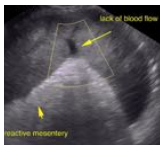
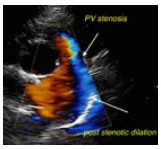
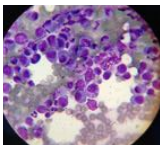
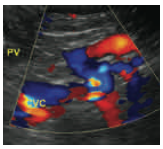

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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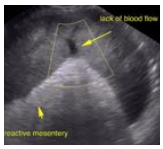

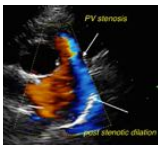

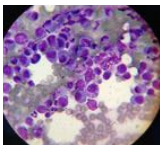
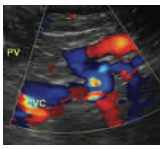

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