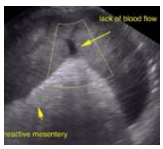
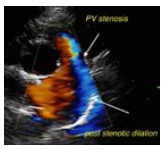
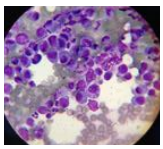
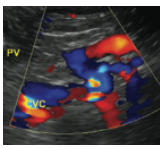
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





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

PATIENT

Jude Bierig

SPECIES

Canine

BREED

Collie Heeler Mix

SEX

Neutered male

AGE

5 years

WEIGHT

69.4 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jagger

HOSPITAL NAME

VCA Parkway AH

REFERRING VET

Dr. jagger

INVOICE

43746

DATE

4/6/23

PRESENTING CLINICAL SIGNS

History: Chronic intermittent diarrhea, occasional vomiting, decreased appetite
Abnormal PE/Chem/CBC/UA Results: Baseline cortisol 1.5, rest of the total body function panel/CBC was all WNL, thyroid at the lower end of normal. (ACTH stim test pending)

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 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 6.9 cm.

Adrenal Glands

Both **adrenal glands** appeared subjectively flattened, yet measurably normal. The left adrenal gland measured 0.71 cm. The right adrenal gland measured 0.68 cm.

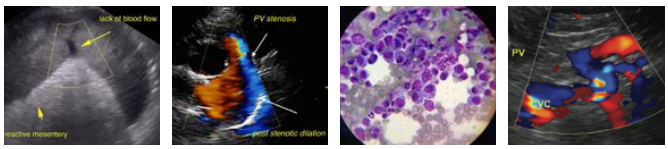
Spleen

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 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.

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
SonoPath.com™
1-800-838-4268 info@sonopath.com



PATIENT

Jude Bierig

SPECIES

Canine

BREED

Collie Heeler Mix

SEX

Neutered male

AGE

5 years

WEIGHT

69.4 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jagger

HOSPITAL NAME

VCA Parkway AH

REFERRING VET

Dr. jagger

INVOICE

43746

DATE

4/6/23

Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

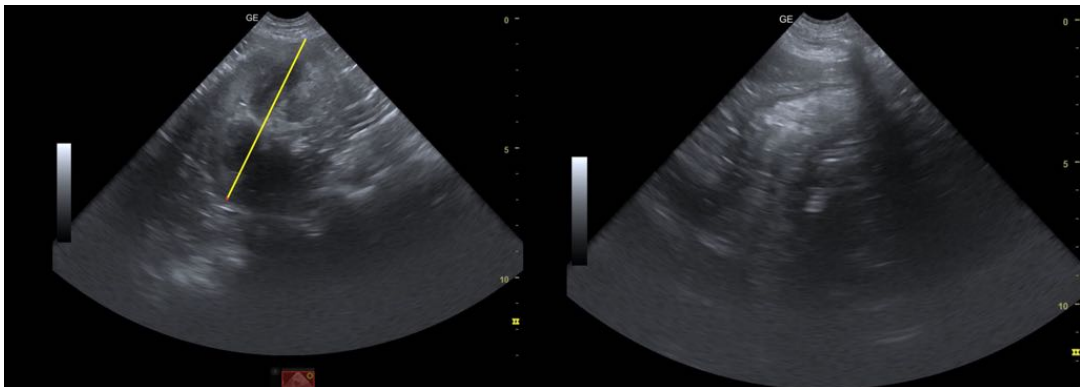
ULTRASONOGRAPHIC FINDINGS

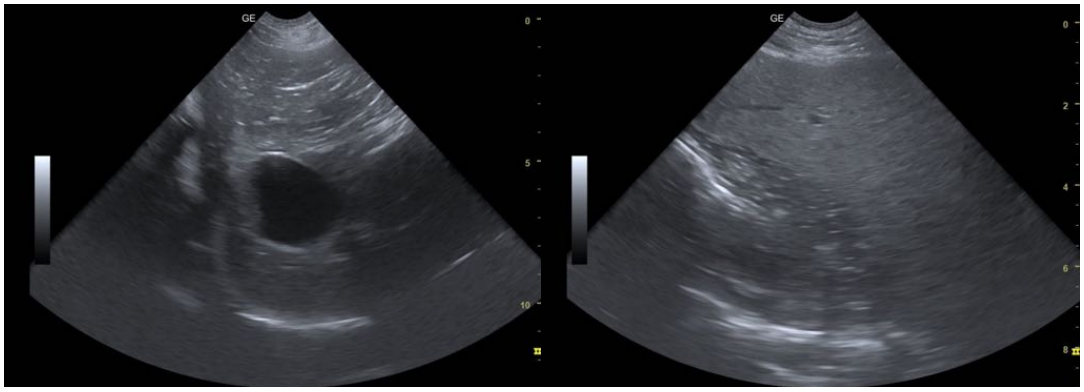
Flattened adrenal glands.

Otherwise, structurally unremarkable abdomen.

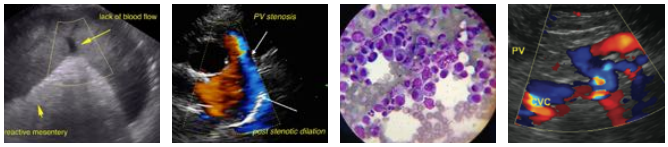
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Screening for Addison's is indicated given the patient's age. Baseline cortisol or ACTH stimulation is recommended. Given the low-baseline cortisol full ACTH stimulation is indicated to assess for Addison's or Emerging Addison's.





SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Jude Bierig

SPECIES

Canine

BREED

Collie Heeler Mix

SEX

Neutered male

AGE

5 years

WEIGHT

69.4 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jagger

HOSPITAL NAME

VCA Parkway AH

REFERRING VET

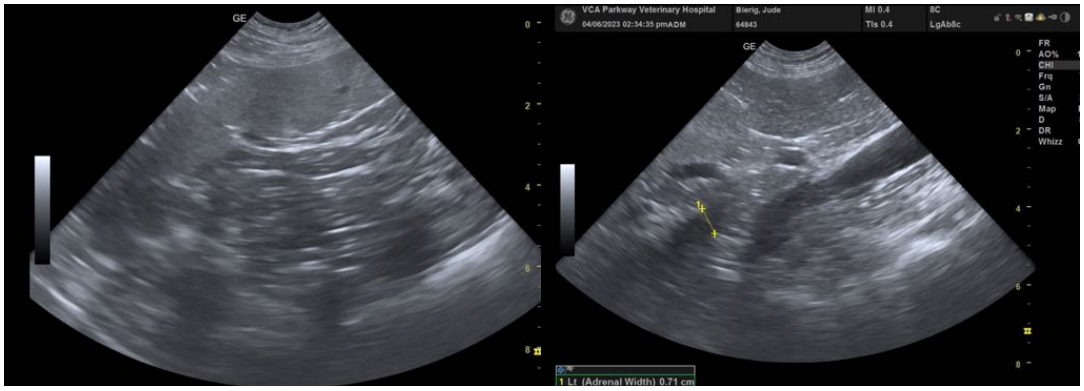
Dr. jagger

INVOICE

43746

DATE

4/6/23



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.

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