

IMAGING PERFORMED BY

IntraPet.com



SonoPath

Clinical Sonography & Telecytology

EDUCATIONAL TELECONSULTATION SERVICES™

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

DATE PRESENTING CLINICAL SIGNS

1/25/22

History: Presenting Complaint: Vomiting; Not Eating; Tremors/Shaking/Trembling. Date: 01-23-2022 Notes: vomiting - possible blood in the vomitus vomiting started yesterday- has vomited 12 times today possible; blood in the stool, lethargy, started shaking today, not aware of getting into anything-but does go out into the yard with no supervision, no change in diet- no people food. Assessment: Vomiting, anorexia, lethargy, shaking.

PATIENT

Liberty Cowand

SPECIES

Canine

BREED

Great Pyrenees X

Current Medications: Sucralfate, Ondansetron, Prednisone, Provable, Cerenia, Omeprazole, Cortrosyn inj., Dex SP, Dextrose, Pantoprazole.

Lab Results: Crea 2.0, BUN upper limits of normal, USG 1.009.

Radiographs: mild gas in the stomach; minor GI pattern; no obvious foreign body or obstruction pattern noted.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SEX

Spayed Female

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

AGE

1/23/20

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.

WEIGHT

99.2 Pounds

The **kidneys** revealed normal size and structure, corticomodullary 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 6.19 cm. The right kidney measured 7.07 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

IMAGING PERFORMED BY

Rachel Brillhart RDMS

Both **adrenal glands** measure fairly normal, but they do appear flattened. The right adrenal gland measured 2.0 cm x 0.49 cm at the caudal pole and 0.41 cm at the cranial pole. The left adrenal gland measured 1.58 cm x 0.41 cm at the caudal pole and 0.40 cm at the cranial pole.

HOSPITAL NAME

Animal Emergency
Hospital

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.

REFERRING VET

Dr. Willer

Liver

INVOICE

35071

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

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

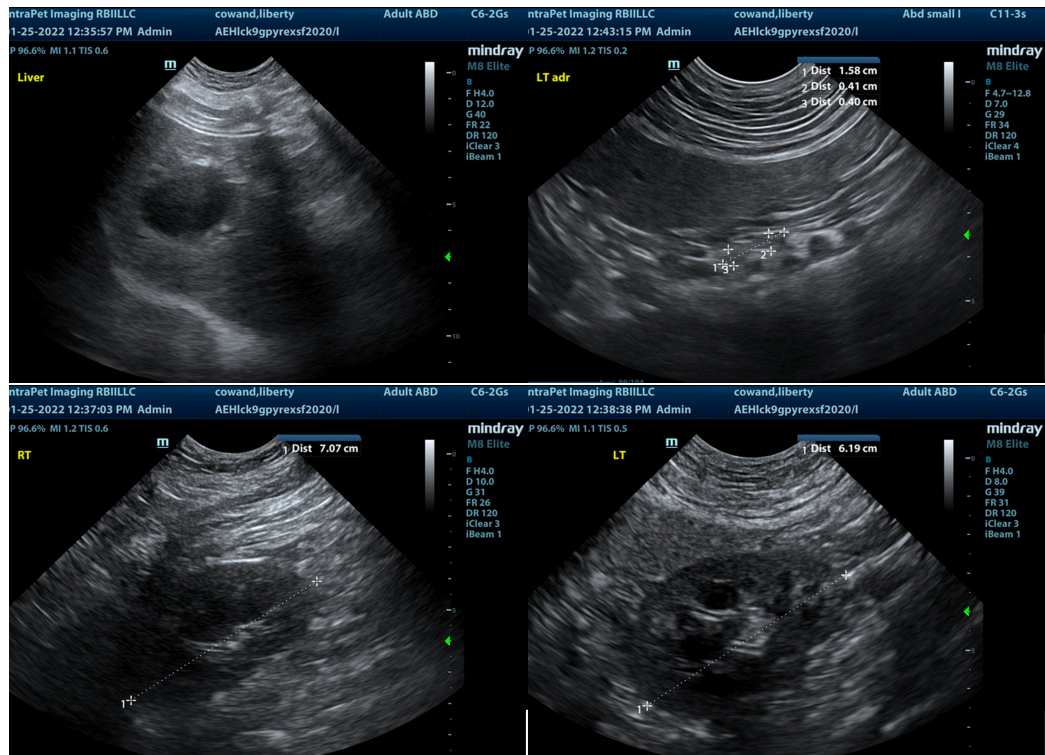
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

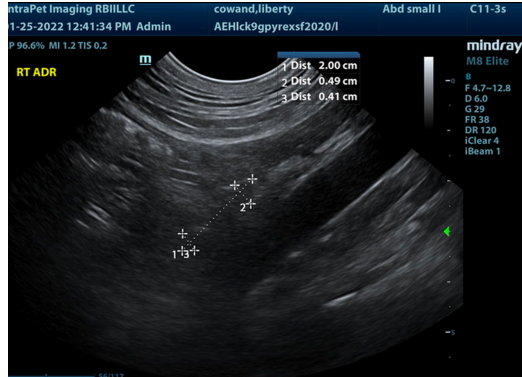
ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the vague clinical signs, ACTH stimulation warranted to rule out Addison's. Otherwise, other forms of acute GI insult 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.

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