



PATIENT

Zoey Desplanque

PRESENTING CLINICAL SIGNS

Lethargic and vomiting suspected ate chocolate cake . Open diagnosis gastritis, concern about PSS
Abnormal PE/Chem/CBC/UA Results: ALT moderate elevated and Bile acids are pending

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Bernese MD X

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.

SEX

Intact Female

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 6.55 cm. The right kidney measured 5.0 cm.

AGE

6 Months

Adrenal Glands

WEIGHT

22 kg

The **right adrenal gland** was 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 right adrenal gland measured 0.59 cm at the cranial pole and 0.48 cm at the caudal pole.

The **left adrenal gland** was mildly subnormal in size, measuring 0.42 cm at the cranial pole and 0.38 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Belan

Liver

HOSPITAL NAME

McKnight 24 Hr

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. The portal vein/vena cava ratio was 1:1. No evidence of extrahepatic shunting. Portal vein measured 0.7 cm. Vena cava measured 0.7 cm.

REFERRING VET

Dr. Gruffydd

Gastrointestinal

INVOICE

33936

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. A reactive mesenteric lymph node was noted, normal in a juvenile patient, measuring 0.9 cm in width.

DATE

1/3/22



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Pancreas

The right limb of the **pancreas** was slightly hypoechoic to surrounding mesentery. Subxiphoid palpation is recommended to assess for pain or discomfort associated with the pancreas.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Structurally normal abdomen

BREED

Bernese MD X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of intrahepatic or extrahepatic shunting or other pathology. If any clinical signs that fit with congenital Addison's are present, then ACTH stimulation warranted. Structurally the liver appears normal. Given the ALT elevations, acute insult secondary to GI insult likely. If Leptospirosis is present in your region, appropriate testing would be indicated.

SEX

Intact Female

AGE

6 Months

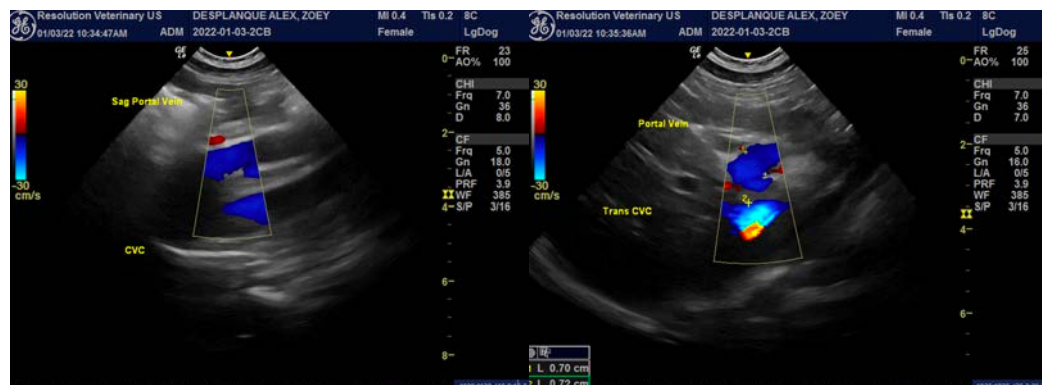
WEIGHT

22 kg



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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.

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