



PATIENT

Mali Kettering

SPECIES

Canine

BREED

Belgian Malinois

SEX

Female

AGE

2 years

WEIGHT

39 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Nelson

HOSPITAL NAME

Valley VS

REFERRING VET

Dr. D'Ascenzo

INVOICE

32279

DATE

8/10/22

PRESENTING CLINICAL SIGNS

History: Lyme positive 2/2021 Quant C6 >728 Skin issues and lymphadenopathy 2/2021. Diagnosed with intermediate cell lymphoma (T cell). Now having diarrhea for about 1 month. Currently on 20 mg prednisone once a day, 600 mg Trimethoprim Sulfa (for skin) BID and Tylosin 500 mg BID.
Abnormal PE/Chem/CBC/UA Results: ALT and ALKP elevated since 8/2021. Last checked 7/18/22
ALT 241 ALKP 579, BUN 42

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented anechoic urine with mural thickening. I recommend assessment for evidence of UTI.

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 6.83 cm. The left kidney measured 6.14 cm.

Adrenal Glands

Both **adrenal glands** were subjectively subnormal in size. The left adrenal measured 1.27 x 0.36 cm at the cranial pole and 0.24 cm at the caudal pole. The right adrenal gland measured 1.44 x 0.31 cm at the caudal pole and 0.27 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 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 excessive debris likely secondary to the n.p.o. status.

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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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.

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ULTRASONOGRAPHIC FINDINGS

SEX

Female

Structurally unremarkable abdomen.

Subjectively flattened adrenal glands.

Non-specific inflammatory hepatopathy.

AGE

2 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Screening for Addison's with baseline cortisol is indicated. There was no evidence of lymphadenopathy.

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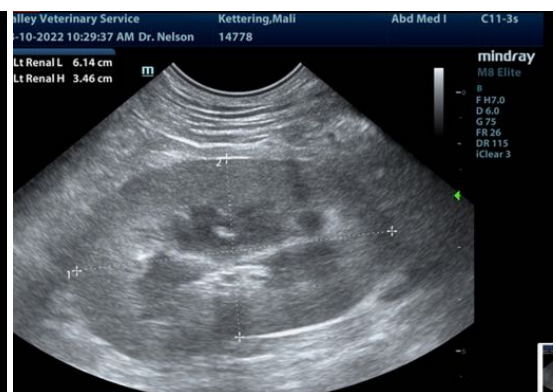
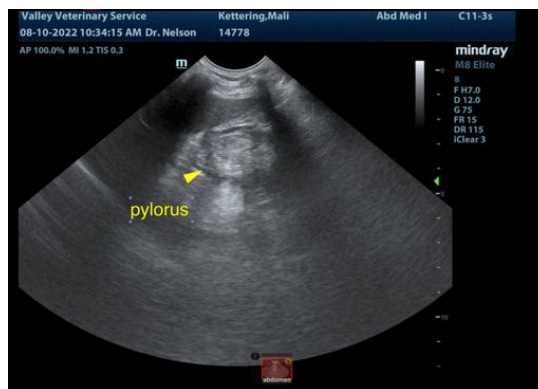
Dr. D'Ascenzo

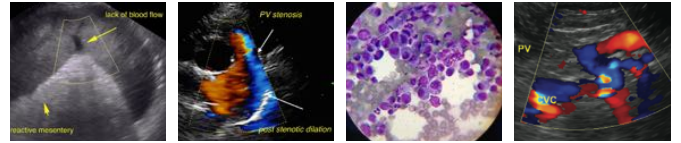
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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