



PATIENT

Sabrina Hess

SPECIES

Canine

BREED

SEX

Spayed Female

AGE

1 Year

WEIGHT

57

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Amy Hess

HOSPITAL NAME

Petmedic Urgent Care
Vet Clinic

REFERRING VET

Dr. Amy Hess

INVOICE

24706

DATE

8/16/21

PRESENTING CLINICAL SIGNS

Meningitis/myositis diagnosed in 3/2021- cause unknown- responded to antibiotics and carprofen (MRI/CSF/infectious disease titers performed). Fungal/brucella/tick titers/neospora and toxo negative Has had multiple flare-ups of neck and back pain since Recently sick with neck pain/ lumbar pain recently Has responded to short courses of doxycycline in the past Litter of puppies 2/2021 OVH with post-op hemoabdomen 5/2021
Abnormal PE/Chem/CBC/UA Results: Large number ammonium biurate crystals on urinalysis ALB 2.6 BW otherwise normal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

****19 still images and 33 videos submitted.**

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

A reactive iliac lymph node was noted, measuring 1.6 cm x 0.6 cm.

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 5.0 cm. The right kidney measured 5.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

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.

Liver

The **liver** parenchyma appeared to be uniform. No evidence pathology. The volume subjectively appeared to be normal. Intrahepatic vascular volume appeared to be adequate. No obvious intrahepatic shunts. However, further imaging of the portal hilus with portal vein/vena cava ratios would be necessary to rule out extrahepatic shunts.

Gastrointestinal

Hyperperistalsis was noted in the **gastrointestinal tract**, yet structurally unremarkable. No evidence of significant disease.



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Pancreas

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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

- Normal abdomen

BREED

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant disease. If bile acids are elevated, further imaging of the portal hilus would be indicated.

SEX

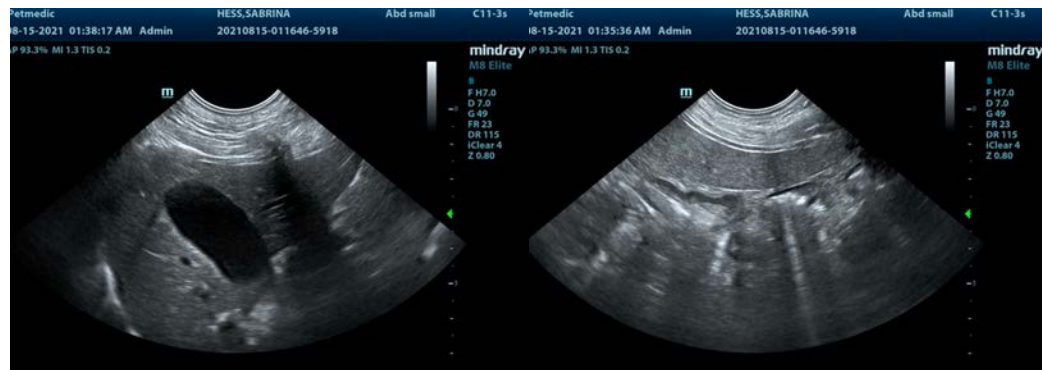
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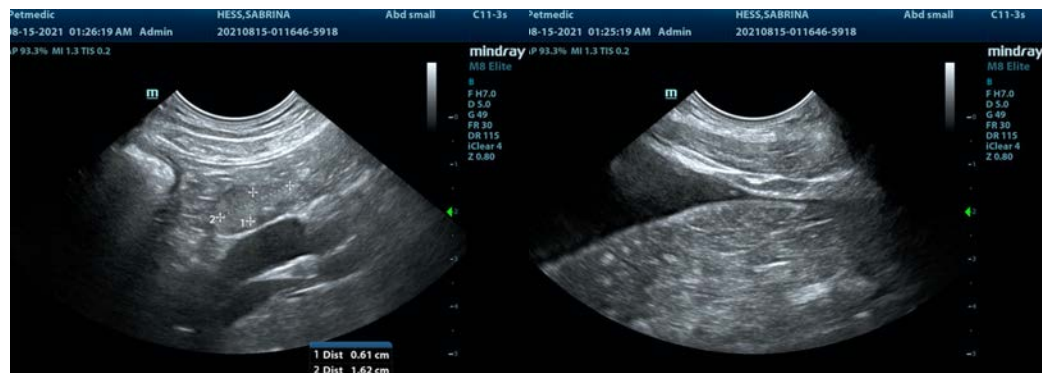
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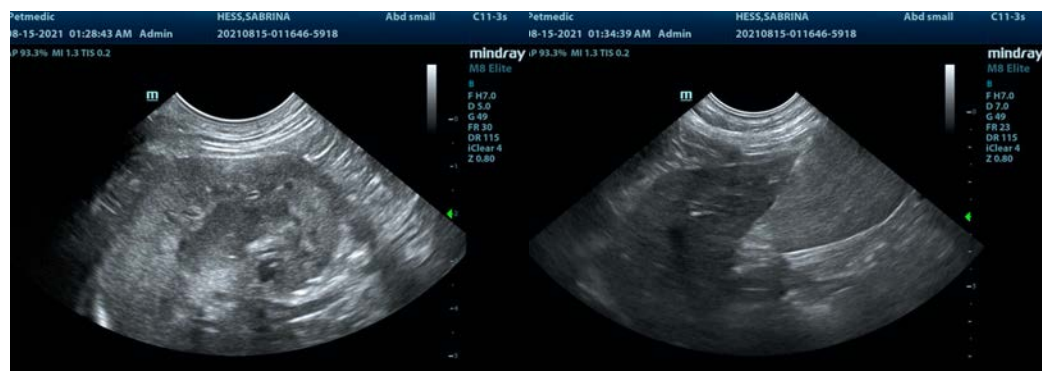


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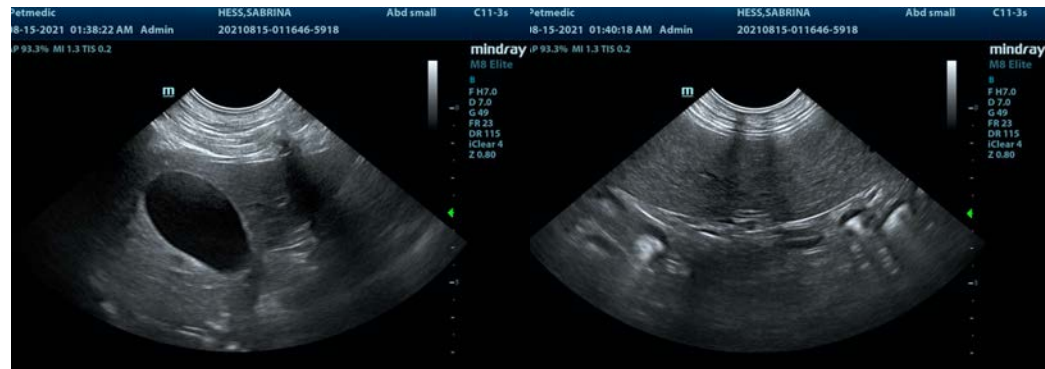
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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