

PATIENT

Willow Schmidt

SPECIES

Canine

BREED

Husky Mix

SEX

Spayed Female

AGE

7 years

WEIGHT

49 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Newton VH

REFERRING VET

Dr. Verhalen

INVOICE

91094

DATE

8/10/21

PRESENTING CLINICAL SIGNS

History: Pyrexia, leukopenia, hypoglycemia, anorexia Current meds: cerenia, Unasyn, Enrofloxacin, dextrose
Abnormal PE/Chem/CBC/UA Results: WBC 1.53, Glu 60, ALP 467, TBili 1.3 Path review 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** were both mildly swollen with slightly thickened cortices. There was some loss of corticomedullary definition. The right kidney measured 8.0 cm. The left kidney measured 7.64 cm.

Adrenal Glands

Both **adrenal glands** were 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 left adrenal gland measured 2.9 x 0.61 cm at the caudal pole and 0.68 cm at the cranial pole. The right adrenal gland measured 1.73 x 0.71 cm at the caudal pole and 0.76 cm at the cranial pole.

Spleen

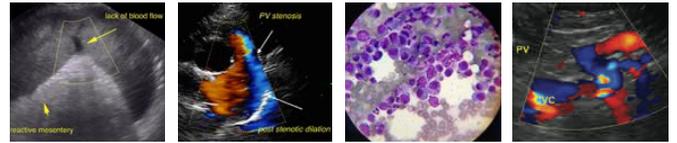
The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** revealed increased portal markings with a mildly echogenic and thickened gallbladder. The liver was subnormal in size.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed minor fluid accumulation in the gastric lumen. The small intestine and colon were unremarkable.



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Pancreas

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The right limb of the **pancreas** was hypoechoic and mildly irregular. .

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ULTRASONOGRAPHIC FINDINGS

Chronic cholangiohepatitis liver pattern.

BREED

Husky Mix

Gastroenteritis and minor pancreatitis.

Swollen kidneys.

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Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Underlying Leptospirosis, mushroom toxicity or similar insult should be considered. IV Ampicillin, Metronidazole, nutraceuticals, gastrointestinal protectants, CBC path review +/- bone marrow aspirate is all indicated. Ultrasound-guided FNA or core liver biopsy may be appropriate depending upon further response to therapy. Full coagulation panel is also indicated. The prognosis is guarded.

AGE

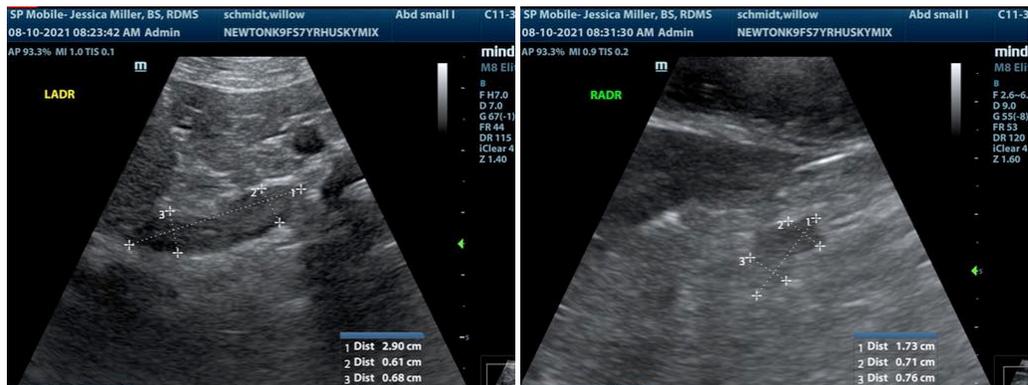
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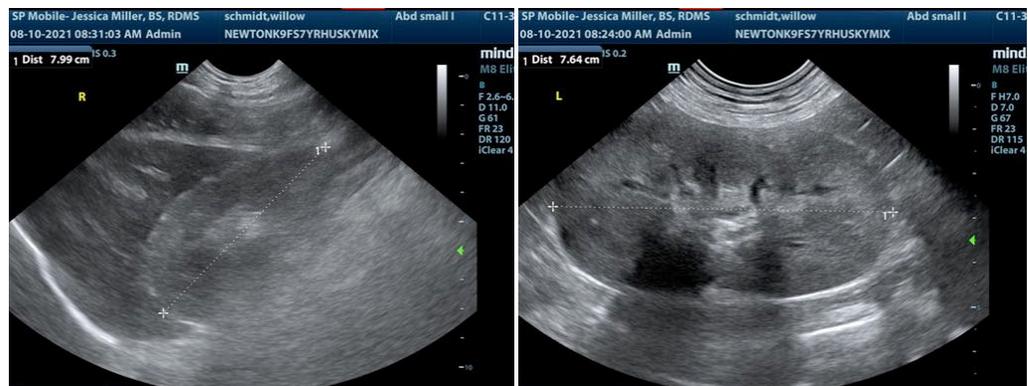
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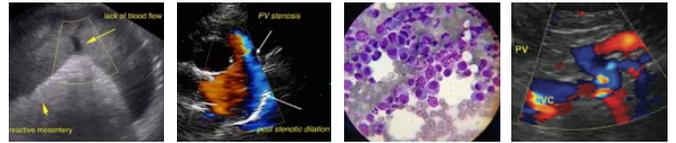
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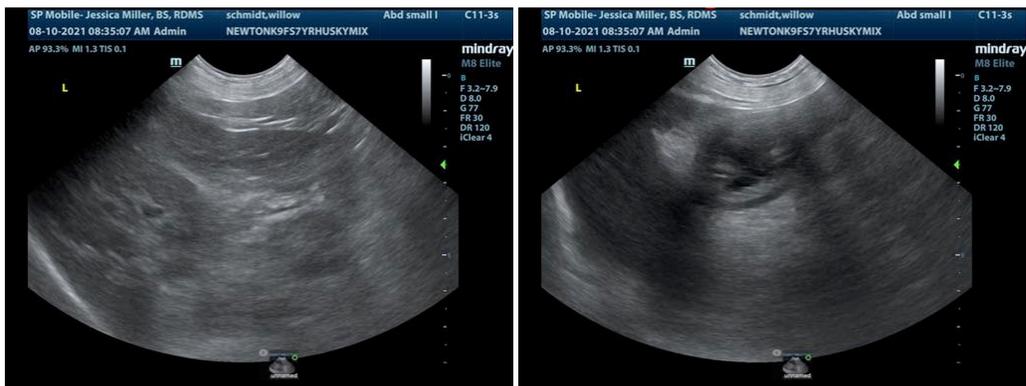
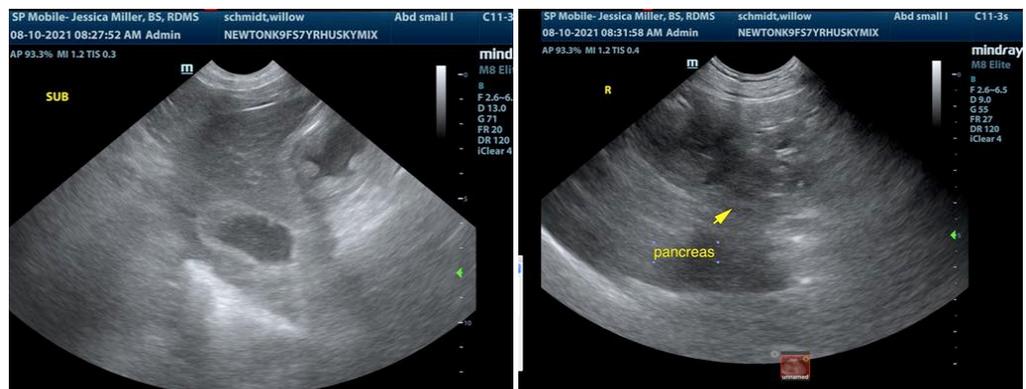
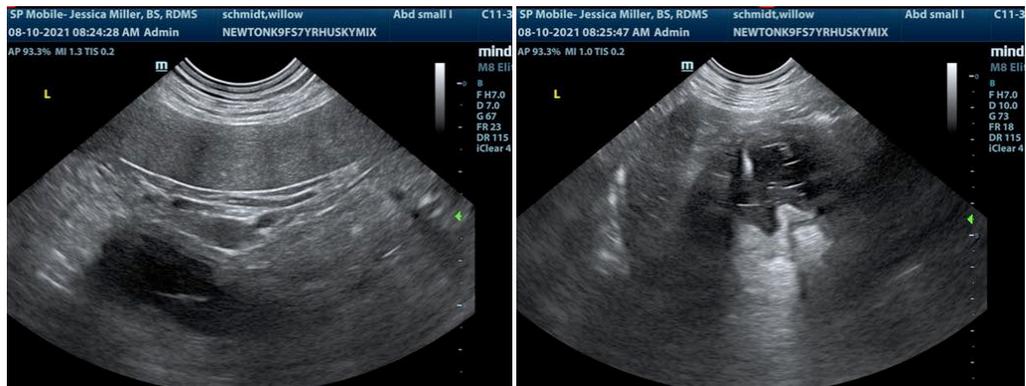
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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