



PATIENT

Savannah Timmins

SPECIES

Canine

BREED

Newfoundland

SEX

Spayed Female

AGE

7 Years

WEIGHT

67 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Zippay

INVOICE

38196

DATE

6/2/22

PRESENTING CLINICAL SIGNS

Presented at our hospital for lethargy since Sunday, V+ since Tuesday, not eating, and bloody diarrhea. Previous Health Concerns: None- known FB eater Current Medications: None
Abnormal PE/Chem/CBC/UA Results: Abdominal: tense on palp, firm mid-abd Blood work – WBC 4.82, Eos 0.04, Lym 0.68, Glu 137, K 3.3, Lact 5.54, pH 7.466, ALP 161, GGT 49, Tbili 1; Radiographs – loss of detail mid-abd, concern for bunching of intestines, stomach small and empty, fluid in colon

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** itself was unremarkable. The urethra was not visualized. 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 **kidneys** were mildly swollen. Pyelectasia noted and some loss of corticomedullary definition. Minor degenerative changes. This is most consistent with pyelonephritis. The left kidney measured 8.38 cm. The right kidney measured 9.09 cm.

Adrenal Glands

The **left adrenal gland** appeared low normal in width, measuring 0.50 cm.

The region of the **right adrenal gland** was imaged, no evident pathology.

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** presented increased portal markings and was slightly subnormal in size. The gallbladder and common bile duct were unremarkable. Vascularity appeared normal.

Gastrointestinal

The **gastrointestinal tract** was quiescent.

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

- Mild hepatic remodeling
- Minor degenerative renal changes with pyelectasia - The pyelectasia may be owing to scarring from prior insult.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full urinary workup warranted. No evidence of foreign body. Supportive GI care warranted. Screening for Addison's indicated. Leptospirosis titers warranted. If the bilirubin value is not artifactual, then FNA of the liver indicated.

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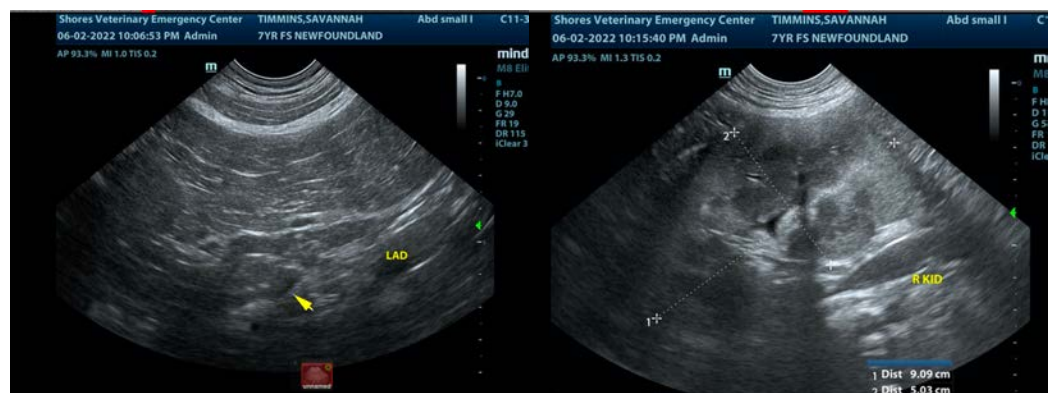
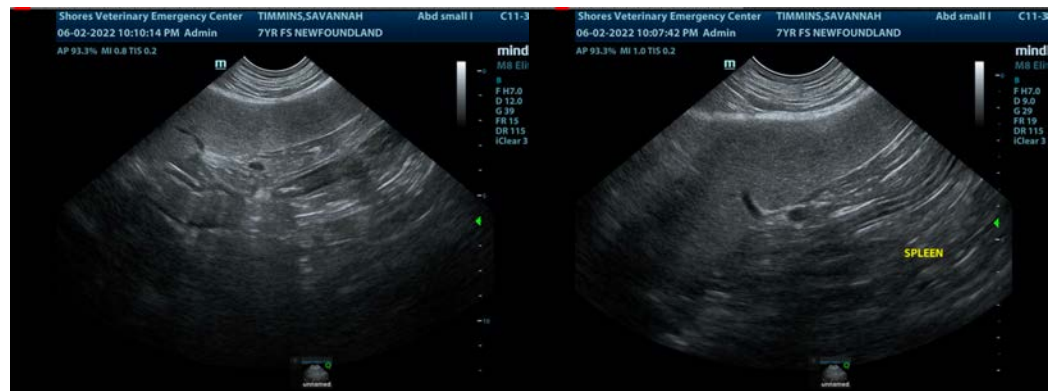
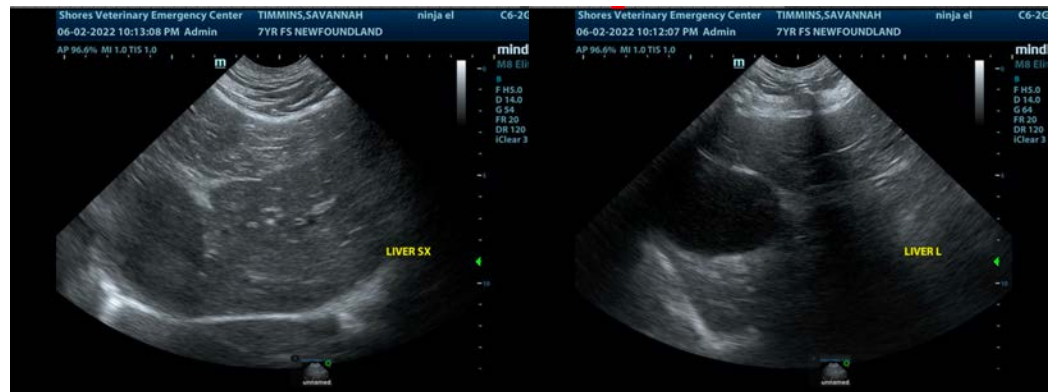
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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