



PATIENT

Simpson Bertalan

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

6.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Animal General VH

REFERRING VET

Dr. Pileci

INVOICE

43433

DATE

6/23/23

PRESENTING CLINICAL SIGNS

wt loss; icteric; concerned about liver and GB
Abnormal PE/Chem/CBC/UA Results: ALT 462, ALKP 238, tbili 7.5

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 were noted. Ureteral papillae were normal.

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 3.92 cm. The right kidney measured 4.4 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 0.23 cm.

Spleen

The **spleen** revealed hyperechoic nodules, consistent with lipogranulomas. The spleen measured 086 cm.

Liver

The **liver** presented increased portal markings. Gallbladder debris noted. The common bile duct was mildly thickened but not obstructed, measuring 2.5 mm, which is within normal limits. This is consistent with fibrosing cholangitis. FNA indicated.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. Variable intestinal thickening noted. Mesenteric lymph nodes were enlarged, measuring approximately 2.0 cm x 0.50 cm, reactive.

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

- Gastroenteritis/cholangitis presentation
- Hyperechoic splenic nodules



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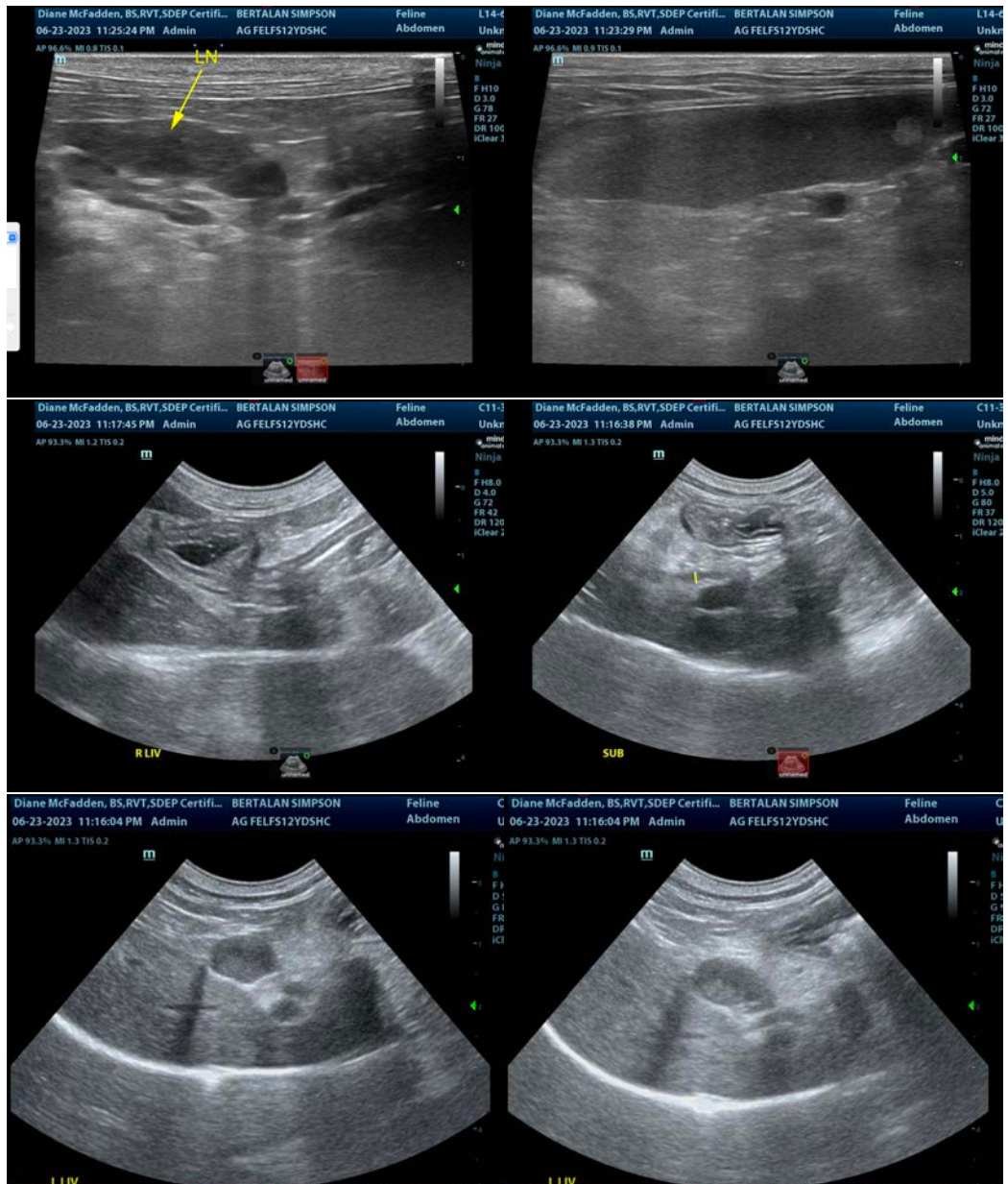
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Underlying infectious agents such as bartonella or toxoplasmosis should be considered. No overt evidence of neoplasia noted in this patient. Underlying infectious agent is a strong potential such as toxoplasmosis, bartonella. Enrofloxacin/Clindamycin, Ursodiol liver support all indicated. Recheck sonogram in 5-7 days depending upon response to therapy.





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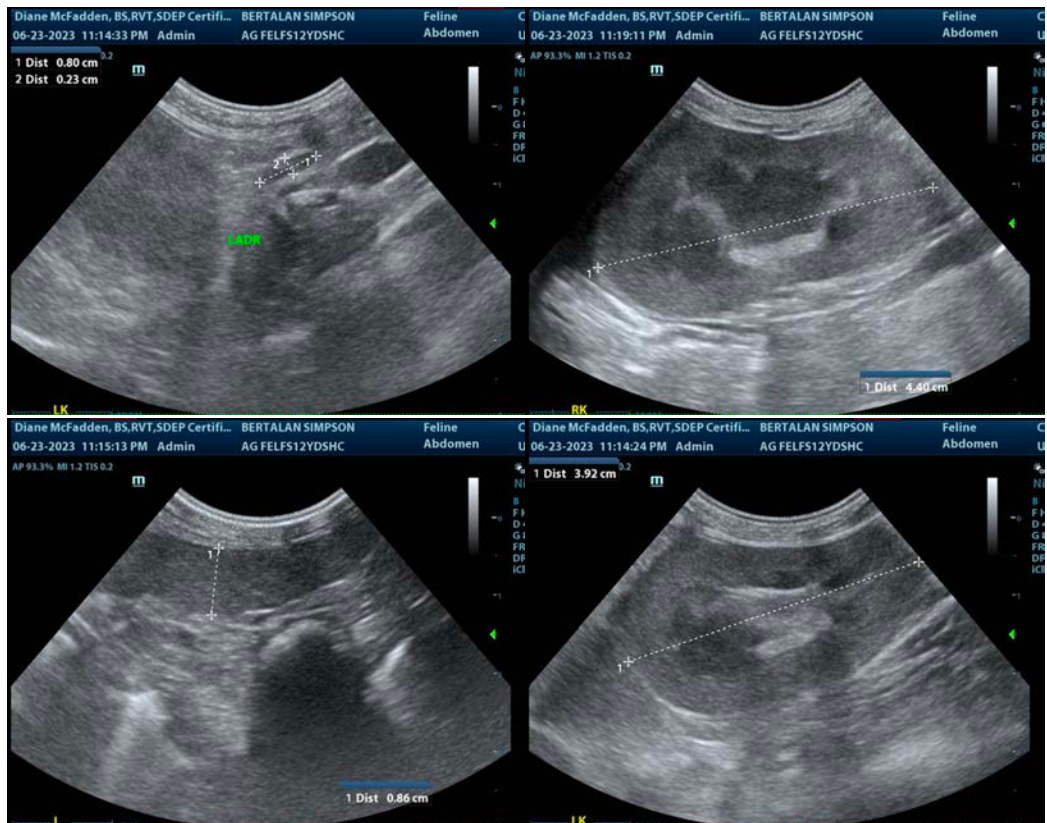
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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