

PATIENT

Snoop Gunderman

SPECIES

Canine

BREED

Pomeranian

SEX

Neutered Male

AGE

7.5 Years

WEIGHT

18.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Animal General

REFERRING VET

Dr. Castimore

INVOICE

36400

DATE

3/23/22

PRESENTING CLINICAL SIGNS

Elevated liver values.

Abnormal PE/Chem/CBC/UA Results: Lepto/4dx-neg. TP 11.5, ALB 5.5, ALT 730, ALKP "NO RESULT/UNREADABLE" GGT 51, TBIL 8, CL 106, RBC 8.91, HGB 23, MCHC 38.8, MONO 2.57, MPV 15.7

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 pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. The residual prostate measured 0.68 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 right kidney measured 4.55 cm. The left kidney measured 3.8 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 right adrenal gland measured 2.08 cm x 0.88 cm at the cranial pole and 0.55 cm at the caudal pole. The left adrenal gland measured 1.17 cm x 0.35 cm at the cranial pole and 0.60 cm at the caudal pole.

Spleen

The **spleen** was folded upon itself caudally and was mildly enlarged, uniform.

Liver

The **liver** was subnormal in size with increased portal markings, consistent with cholangiohepatitis. The gallbladder was unremarkable. Portal vein/vena cava ratio was 1:1.

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

Pancreas

The **pancreas** was mildly heterogeneous in the right limb.

Free Abdomen

A large amount of abdominal fat was noted in this patient.



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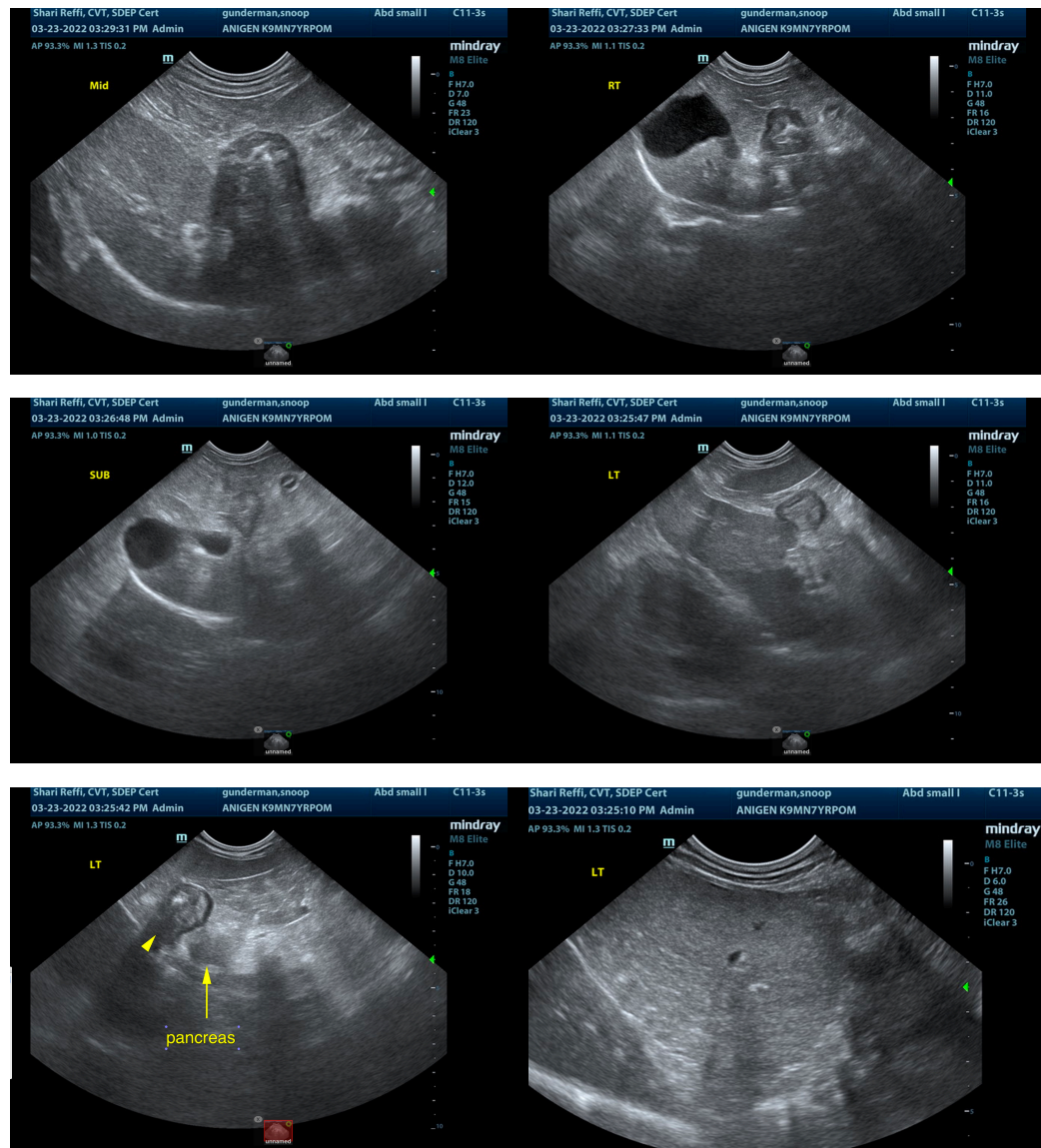
ULTRASONOGRAPHIC FINDINGS

- Cholangiohepatitis pattern with microhepatica
- Mildly enlarged spleen
- Mildly heterogeneous right pancreas
- Large amount of abdominal fat

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of shunting present. Acute on chronic insult such as Leptospirosis should be considered. Ampicillin/Metronidazole and liver-oriented diet all indicated +/- hepatic FNA.

Lateral Radiograph: Hepatosplenomegaly





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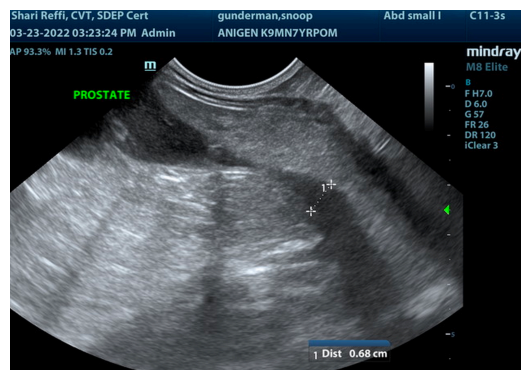
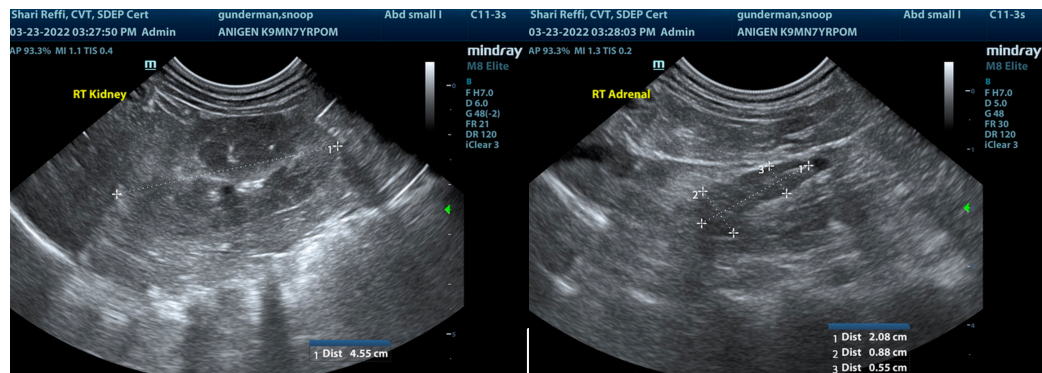
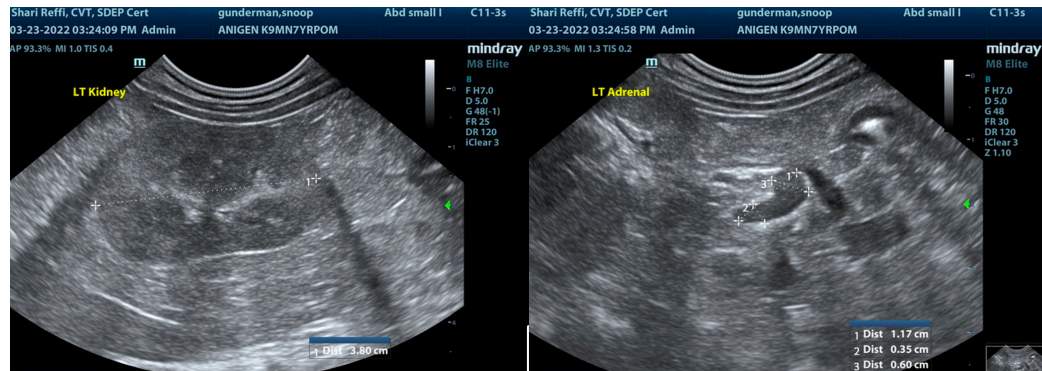
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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