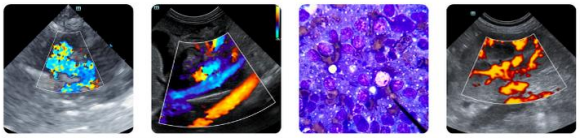


SonoPath www.animalsoundsnw.com info@animalsoundsnw.com 541.357.9423

PATIENT

Tano Raap-Johnson

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

11M

WEIGHT

8.82lbs

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Hello Vet for Pets Wellness Center

REFERRING VET

Dr. Stern

INVOICE

74417

DATE

3-31-26

PRESENTING CLINICAL SIGNS

- ABNORMAL Labwork Values
- 2/22/2026
- WBC 21.2 HIGH 3.8 - 16.8
- Neutrophils 18559 /uL HIGH 1900 - 9500
- CHEM Abnormal Findings. See diagnostic results for full report.
- Phosphorus 7.7 mg/dL HIGH 2.7 - 7.6
- Calcium 8.8 mg/dL LOW 8.9 - 10.6
- Sodium 145 mEq/L LOW 146 - 156
- Total Protein 9.0 g/dL HIGH 5.9 - 8.2
- Albumin 2.6 g/dL LOW 2.7 - 3.9
- Globulins 6.4 g/dL HIGH 2.8 - 4.9
- Albumin:Globulin Ratio 0.4 Ratio LOW 0.6 - 1.3
- Alk Phos 73 U/L HIGH 12 - 65
- Current Medications
- Fluoxetine 4mg/mL 1mL SID

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine or lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

No evidence of pathology in the area of the aortic trifurcation.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.8 cm in length. The right kidney measured 4.0 cm in length.

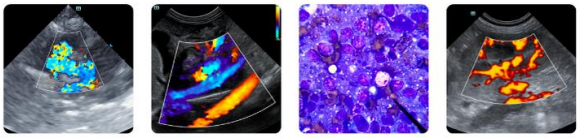
Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.34 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.35 cm width.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The spleen measured 0.73 cm width level of the mid spleen. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ Gallbladder



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The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The small intestinal wall measured 0.25 cm.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

Free Abdomen

Multiple variably enlarged nonhomogeneous mildly hypoechoic mesenteric lymph nodes with mild surrounding perilymphatic hyperechoic omentum were present. The lymph nodes exhibited borderline to mild abnormal width to length ratio approximately 0.5. No evidence of effusion. Example of lymph nodes measured 2.2 x 1.5 cm and 2.5 x 1.4 cm.

ULTRASONOGRAPHIC FINDINGS

- Multiple enlarged nonhomogeneous hypoechoic mesenteric lymph nodes.
- Sonographically normal gastrointestinal tract.
- Sonographically normal spleen/liver.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The primary finding of the mesenteric lymphadenopathy may indicate inflammatory, infectious, granulomatous, or neoplastic etiologies. Concern for lymphatic neoplastic criteria is warranted given lymphatic appearance. FNA cytology of accessible lymph node +/- culture and sensitivity or FIP titer/PCR is recommended for further clarification. Biopsies may be required for definitive diagnosis.

Concurrent three-view chest radiographs and protein electrophoresis could be considered.

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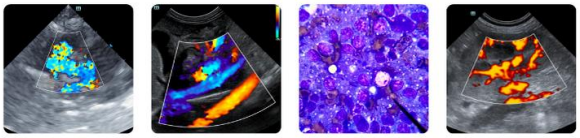

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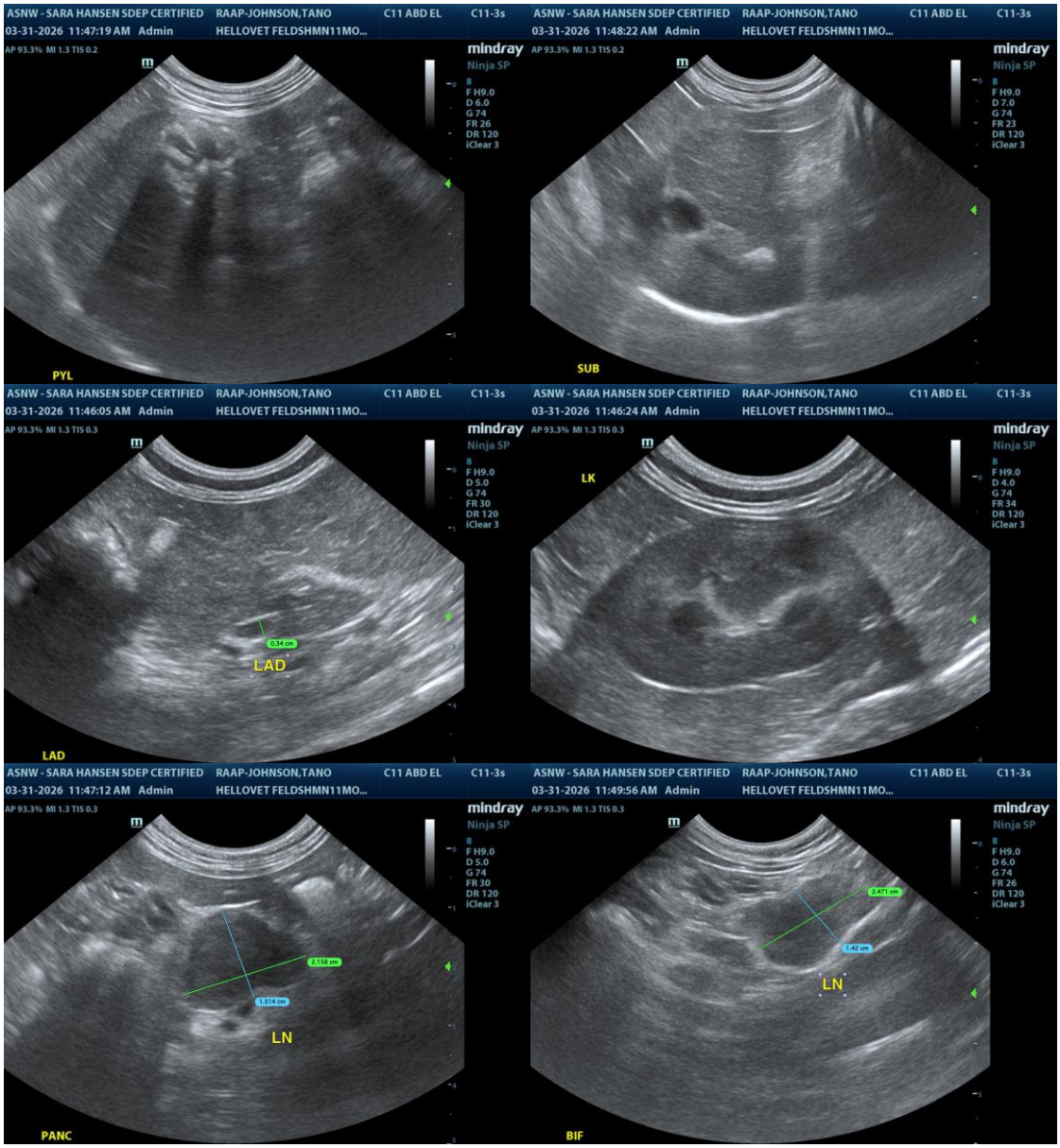

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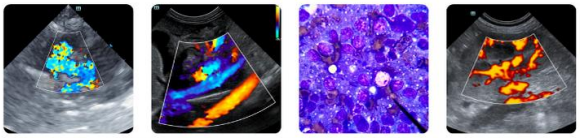

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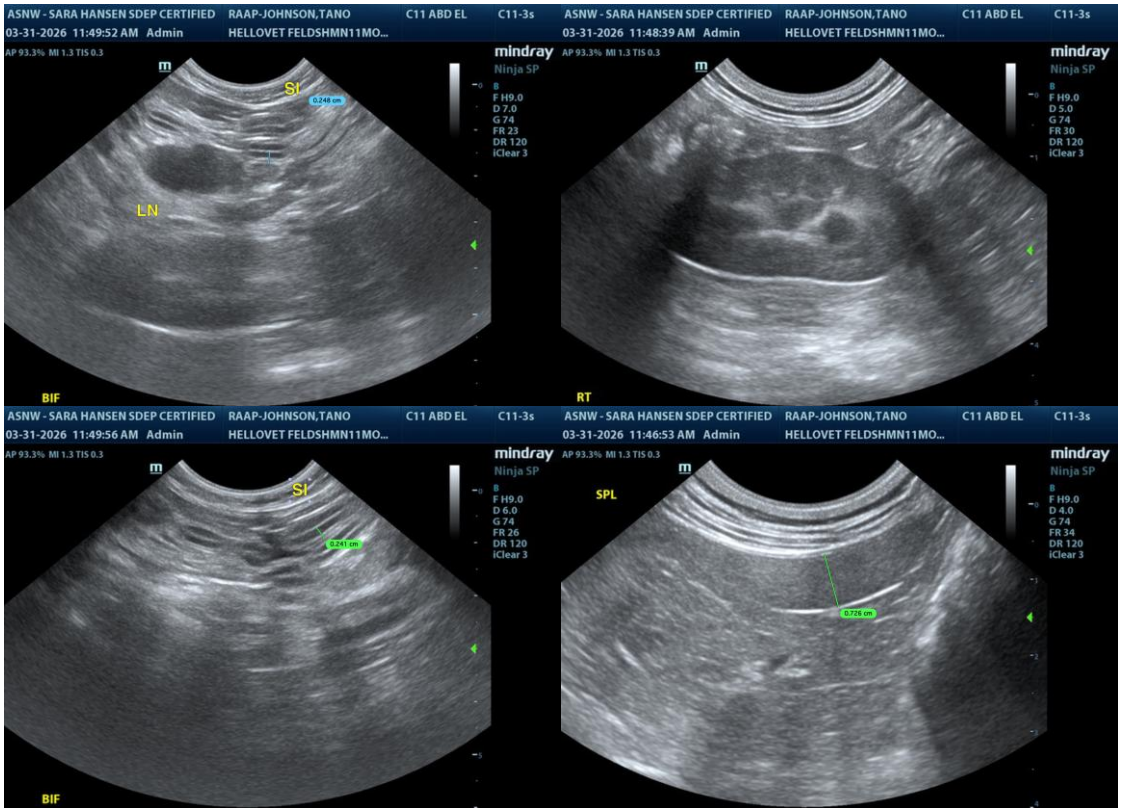

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com