



PATIENT

Luna Duke

SPECIES

Canine

BREED

Goldne Mix

SEX

FS

AGE

1yr

WEIGHT

60lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr Pappas

INVOICE
23628

DATE

01/19/2026

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings:
- Presented to ER 1/14 for "freezing" episode; PE showed non-regenerative anemia & fever;
- -anaplasma+ first dx 11/2025, asymptomatic
- -CBC: rbc 3.89, hct 25%, hgb 7.9, mch 20.3, retic 11.7, plt 164k
- -Chem: BUN 6, glob 4.4
- -Slide agglutination equivocal
- -Started on doxycycline 200mg PO BID 1/14
- 1/15 recheck - mild improvement of anemia
- -CBC: rbc 4.31, hct 28.1%, retic 19, hgb 8.7, eos 0.05, mono 1.29, mch 20.2, mchc 31.0
- -doxycycline continued, no change to tx plan
- 1/19 recheck
- -CBC: hgb 8.8, mch 19.9, hct 28.2%, rbc 4.42, mov 18.8, retic 20.8
- ABNORMAL Labwork Values
- See above
- Current Medications Doxycycline 200mg PO BID
- Radiographic Findings Txr to be performed with ultrasound

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/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.

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 6.6 cm in length. The right kidney measured 6.7 cm in length.

The area of the aortic trifurcation was free of pathology. No evidence of distal aortic thrombus.

The area of the uterine remnant appeared normal and free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.69 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.74 cm width at the caudal pole.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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.



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Liver/Gallbladder

Luna Duke

The liver presented mildly enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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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 mechanical/metabolic ileus, obstruction or foreign material.

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

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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 was evident.

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Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

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ULTRASONOGRAPHIC FINDINGS

Primary

- Non-congested hepatomegaly-subjective benign
- Normal gallbladder
- Normal spleen
- Normal bilateral kidneys/ adrenal glands
- Normal gastrointestinal tract

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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No evidence of significant or definitive abdominal pathology i.e. neoplasia as an obvious contributing factor to the patient's anemia.

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Monitoring of hepatic enzyme parameters +/- consideration for screening hepatic FNA cytology assuming normal clotting status if evidence of hepatopathy going forward is recommended.

Correlation with thoracic radiographs is recommended.

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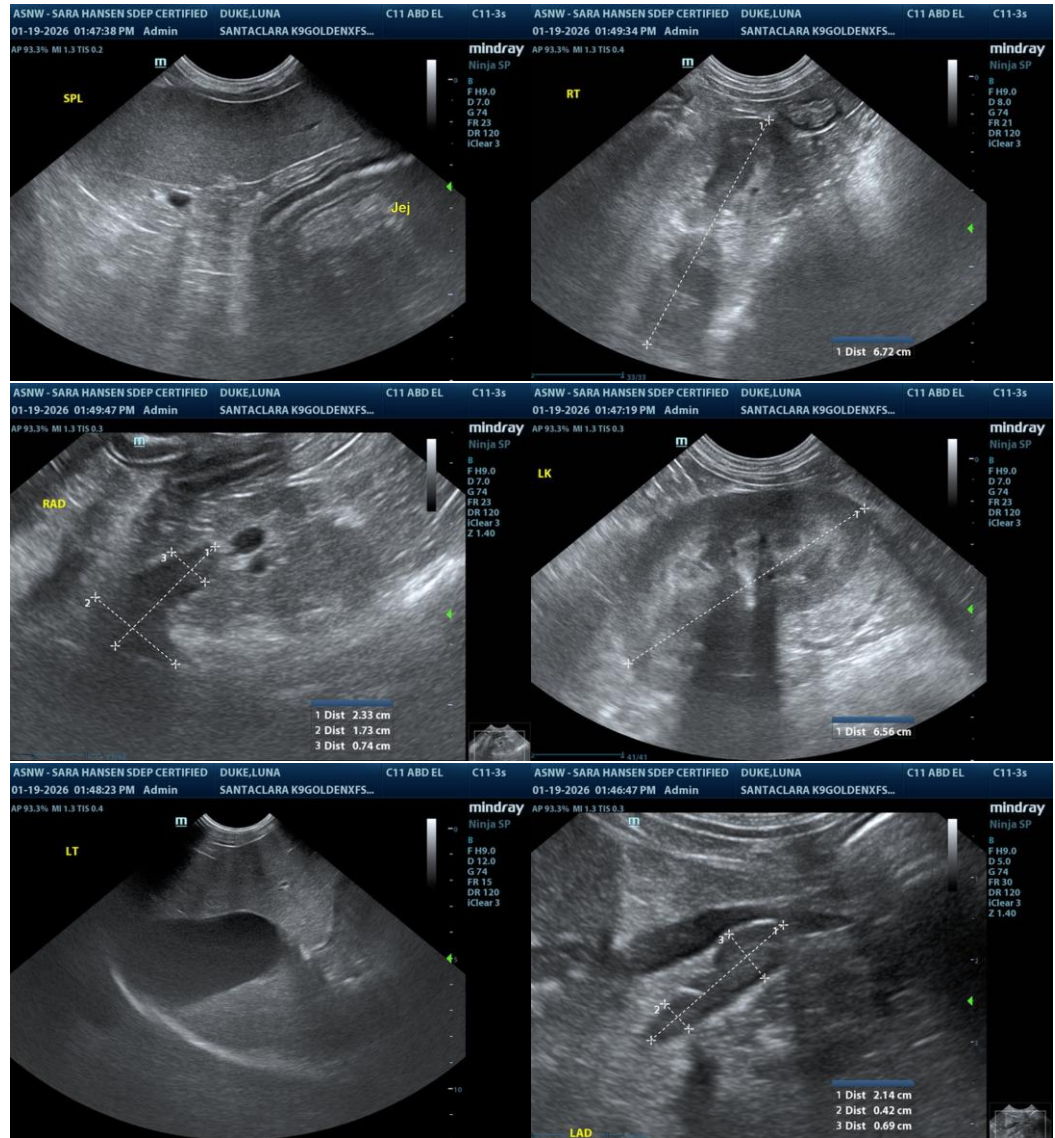
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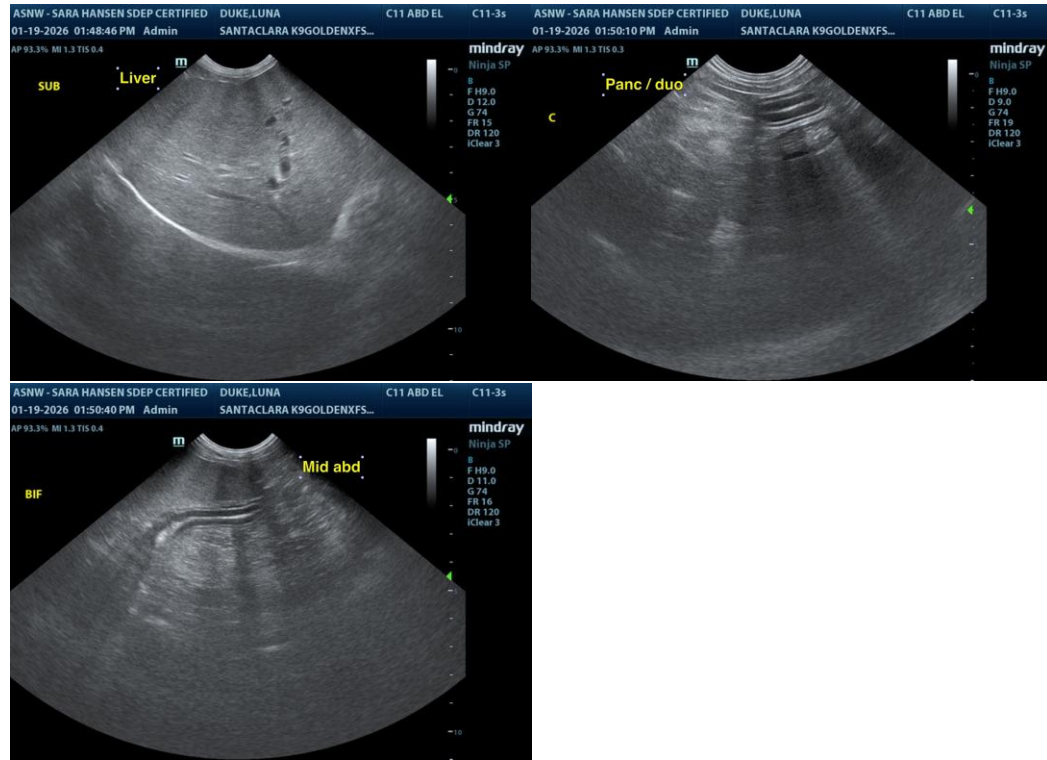
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@sonopath.com