



PATIENT

Cujo Donovan

SPECIES

Canine

BREED

German Shepherd

SEX

FS

AGE

7 year old

WEIGHT

72 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

New Bridge
Veterinary Hospital

REFERRING VET

Dr. Abina Glennon

INVOICE

14415

DATE

7/27/22

PRESENTING CLINICAL SIGNS

Patient presents for pale MM, R/O hemoabdomen, IMHA, vs. other.
Abnormal PE/Chem/CBC/UA Results: Blood work pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. 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 was noted in the area of the uterine remnant.

The area of the aortic trifurcation was free of pathology including no evidence of medial Iliac or sublumbar lymphadenopathy/masses.

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 7.0 cm in length. The right kidney measured 6.0 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 2.2 cm length x 0.43 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 1.8 cm length x 0.36 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.

Liver/ Gallbladder

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.

Transdiaphragmatic view revealed mild Intermittent comet tail lung pattern, which is echogenic sound wave interface with microconsolidations within the caudal lung field. The lung field should not be visualized by sonogram unless pathology is present. Chest radiographs are recommended to rule out alveolar/lung disease such as neoplasia, thromboembolic disease, chronic inflammatory disease with microconsolidation.



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Gastrointestinal

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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild nonshadowing ingesta / chyme most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. The stomach was otherwise normal with no evidence of gastric mural pathology.

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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 ileus, obstruction, or foreign material. No evidence of small intestinal mural pathology was noted.

SEX

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

FS

Pancreas

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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.

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Free Abdomen

No omental masses, lymphadenopathy, or peritoneal effusion were noted.

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ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable abdomen
- Mild gastric ingesta / chyme
- Mid transdiaphragmatic comet tail artifact - nonspecific

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious evidence of intraabdominal pathology including no evidence of intraabdominal masses or evidence of peritoneal free fluid / hemoabdomen.

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Three-view chest radiographs are suggested to assess for evidence of thoracic pathology given the mild nonspecific transdiaphragmatic comet tail artifact. Correlation with pending blood work +/- assess for evidence of autoagglutination could be considered. CBC pathology review may be indicated pending CBC results.

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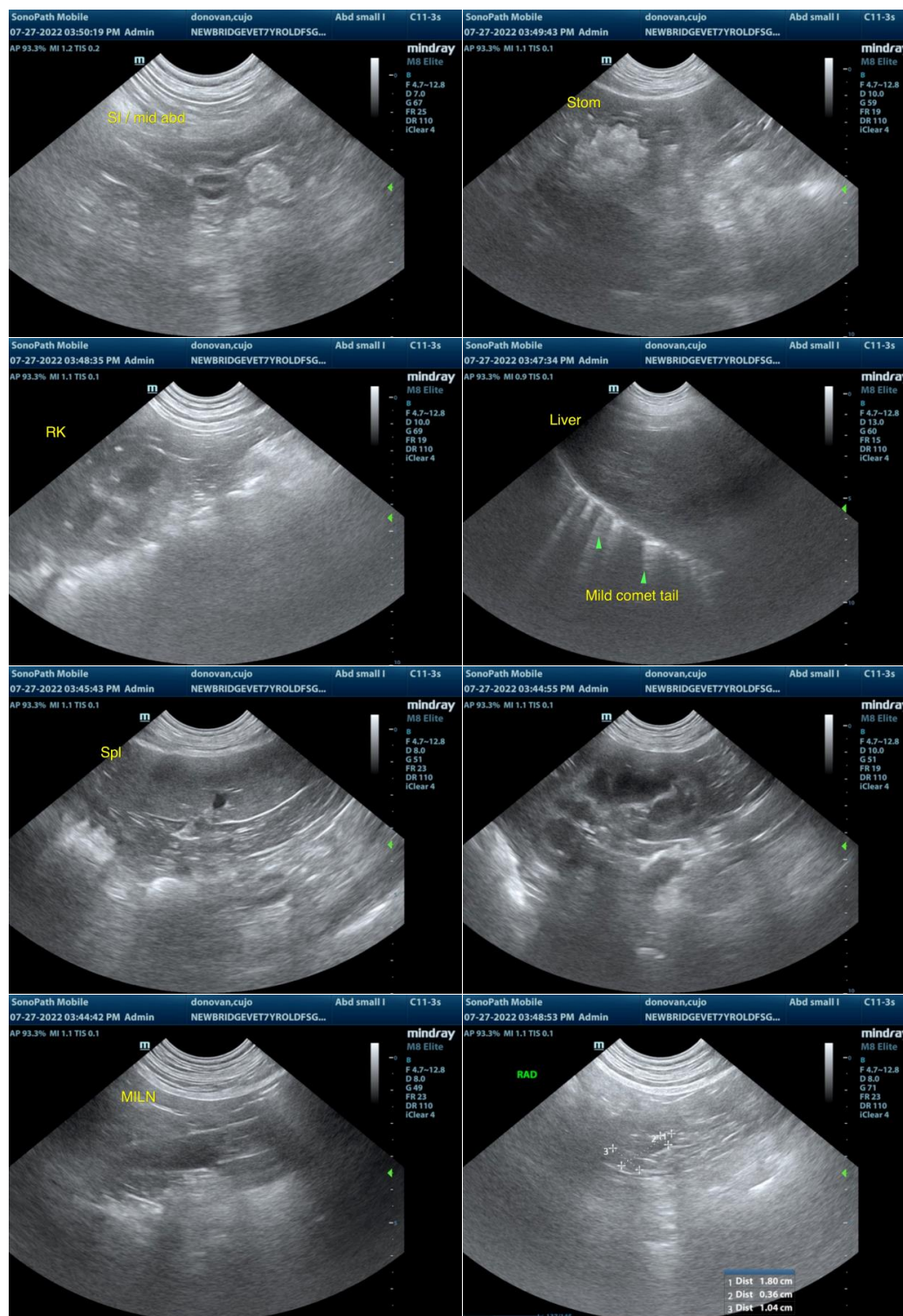
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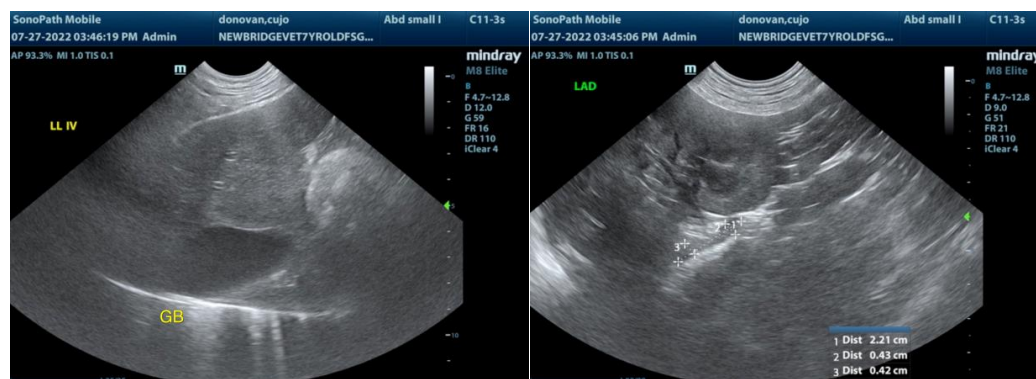
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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