



PATIENT PRESENTING CLINICAL SIGNS

Cadence Robinson History: routine senior screening, no clinical concerns other than some groaning when laying down
Abnormal PE/Chem/CBC/UA Results: BW-WNL

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Bernese Mtn Dog

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 were noted.

SEX

FS

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 5.7 cm in length. The right kidney measured 5.8 cm in length.

AGE

9yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

85lb

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.67 cm width at the caudal pole and 2.1 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.85 cm width at the caudal pole and 2.1 cm length.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Kelly Reschny

Liver

HOSPITAL NAME

Grand River VH

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.

REFERRING VET

Dr. Robinson

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.

INVOICE

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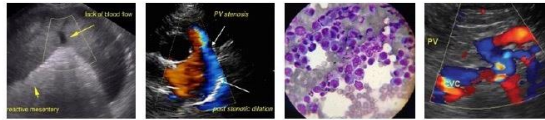
The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

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

DATE

06/24/2022

Pancreas



PATIENT
Cadence Robinson

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.

SPECIES
Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED
Bernese Mtn Dog

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable abdomen

SEX
FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of abdominal visceral pathology was present in this study. An obvious cause of the potential groaning or discomfort was not overtly evident. A thorough musculoskeletal exam could be considered if not done.

AGE
9yr

WEIGHT
85lb

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

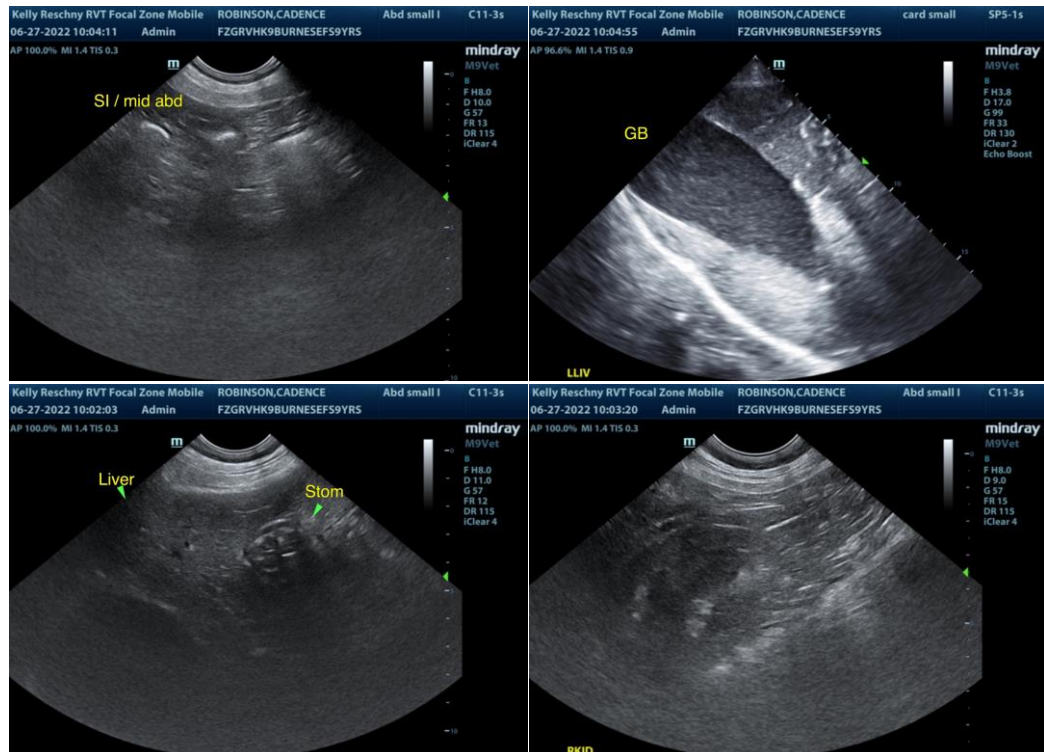
IMAGING PERFORMED BY
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HOSPITAL NAME
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SPECIES

Canine

BREED

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AGE

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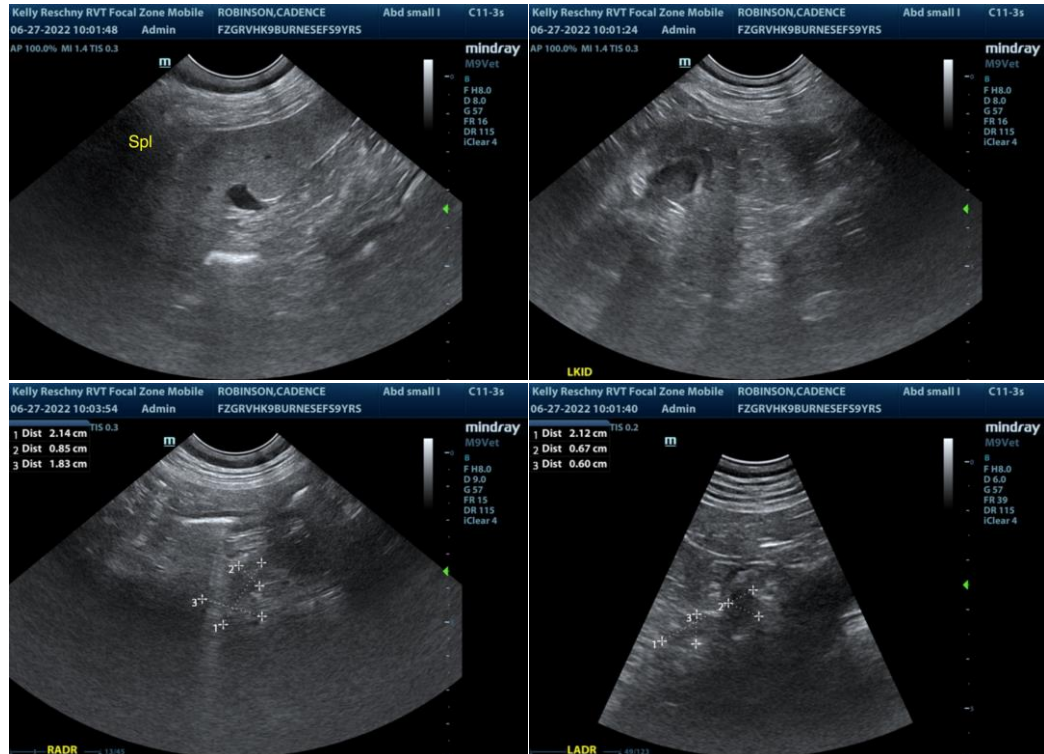
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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