



PATIENT

Bella Larivee

SPECIES

Feline

BREED

Maine Coon

SEX

FI

AGE

1 year

WEIGHT

10.10 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Dog and Cat Clinic of
Niagara

REFERRING VET

Dr. Haidy

INVOICE

15762

DATE

12/30/22

PRESENTING CLINICAL SIGNS

Patient delivered 4 kittens 4 days ago. 4th kitten passed away. Owner counted 3 placentas. Concerned for retained placenta. Gave Oxytocin yesterday in clinic and it did not work as patient continued to have abdominal contractions. Has been started on Clavamox, Tobrex (has upper resp symptoms as well) Zeniquin, Convenia Inj. Stopped nursing kittens due to meds.

Abnormal PE/Chem/CBC/UA Results: Please see attached rad. CBC - WBCs elevated 26.28, Neuts elevated 21.8, PCT elevated 0.96%, Chemistry WNL

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.

The visualized uterus exhibited overtly normal size with normal mural echogenicity and curvilinear uterine contour. A mild amount of echogenic to discrete uterine luminal fluid was present. No overt evidence of uterine pathology such as retained or reabsorbed fetus or overt retained placenta was present. The uterine body measured 1.2 cm in diameter. No evidence of pathology associated with the left or right ovaries.

The area of the aortic trifurcation was free of pathology.

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 4.1 cm in length. The right kidney measured 4.3 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 0.35 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.24 cm width.

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.


PATIENT
Liver/ Gallbladder

Bella Larivee

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.

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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 ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed to shadowing fecal matter extending into the area of the colorectum.

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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 were evident.

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Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal free fluid were noted.

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ULTRASONOGRAPHIC FINDINGS

- Subjectively normal post-partum uterus containing a discrete to mild amount of echogenic luminal fluid
- Otherwise sonographically normal abdomen

IMAGING PERFORMED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious evidence of retained placenta was definitively evident in this study. Subjective normal post-partum uterus, given this presentation. Continued monitoring for clinical signs of retained placenta and/or metritis, which may include fever, odorous vaginal discharge, inappetence, etc., is suggested with potential recheck sonogram if these clinical signs are noted.

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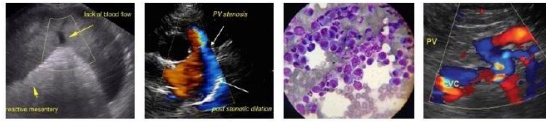
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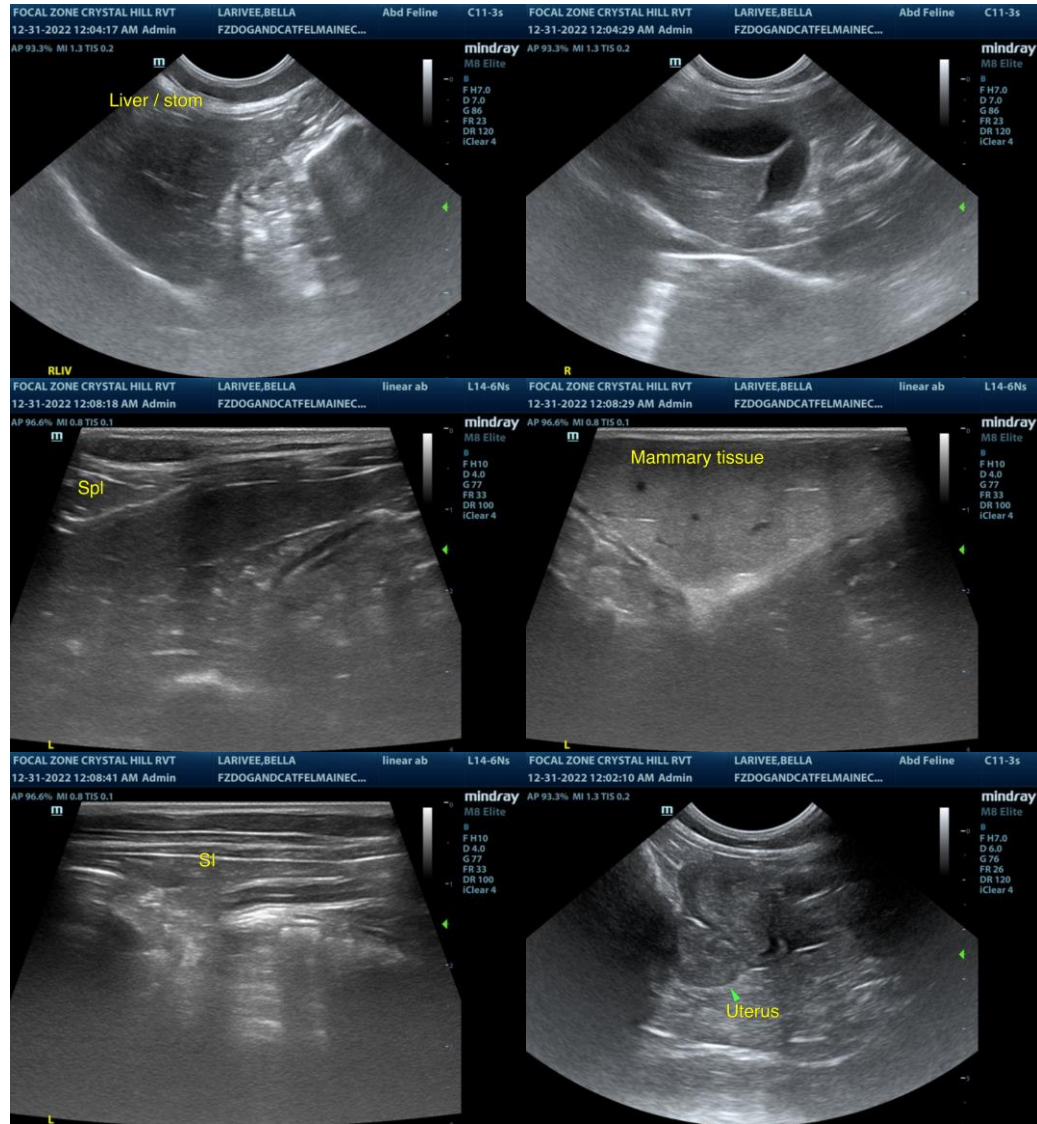
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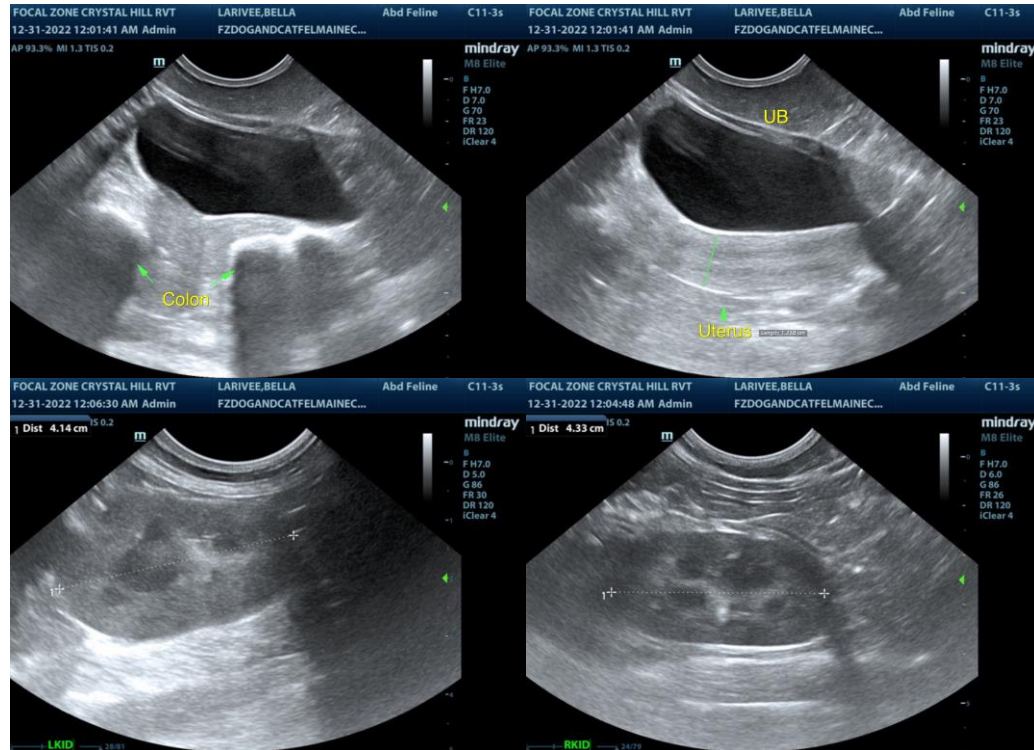
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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