

PATIENT

Selina Longboat

PRESENTING CLINICAL SIGNS

not eating well, some weight loss (1 lbs) meds: pred, clavamox

SPECIES

Canine

HCT 0.246, Reticulocytes 558, WBC 10.1 w/ minor monocytosis, BUN 3.2, Creatinine 31, Potassium 6.2, Na/K ratio 24, Unremarkable liver enzymes, Glucose 6.3

BREED

Chihuahua

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Female

Urinary System

The urinary bladder overall exhibited normal size and tone with generalized normal urinary bladder walls without evidence of inflammatory or neoplastic criteria. The bladder contained anechoic urine with very minor particulate, dependent sediment, which may indicate cellular debris / protein, crystalline debris, or mucus. The urethra exhibited normal structure and tone to a depth of 2.0 cm. No evidence of mineral or calculi was noted.

AGE

9 years

No overt medial iliac or sublumbar lymphadenopathy.

WEIGHT

3.5 lbs.

Subjective normal uterine body dorsal to the urinary bladder measured 1.0 cm width. Variable fluid dilated to torturous tubular structure consistent with uterine horn location was noted primarily cranial to the urinary bladder measuring 1.1 to 1.2 cm in diameter containing anechoic fluid without overt fluid echogenic changes. No evidence of masses associated with the tubular structure or evidence of regional to peripheral inflammation.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. Right kidney possible minor medullary mineral was noted. No evidence of pelvic dilation or pyelectasia was present. The left kidney measured 2.9 cm in length. The right kidney measured 3.3 cm in length.

IMAGING PERFORMED BY

Kelly Reschny

Adrenal Glands

The bilateral adrenal glands were overly normal in size, position, and shape. The left adrenal gland measured 1.4 cm length x 0.32 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 1.7 cm length x 0.53 cm width at the caudal pole.

HOSPITAL NAME

Dog and Cat Clinic of
Niagara

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.

REFERRING VET

Dr. Haidy

INVOICE

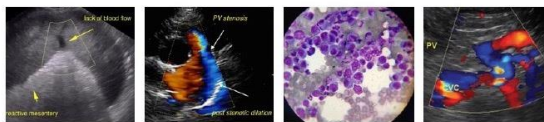
16151

Liver/ Gallbladder

DATE

2/14/23

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. Subjective normal to adequate hepatic vascular



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volume was noted with no obvious evidence of a portosystemic shunt. The gallbladder was non-distended in size containing primarily anechoic content with minor, hyperechoic, nonorganized gallbladder debris. The cystic and common bile ducts were normal.

SPECIES

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained variably echogenic, mild, nonshadowing ingesta without signs of obstruction or foreign material.

BREED

Chihuahua

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Minor segmental small intestinal ingesta/chyme was noted.

SEX

Female

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

AGE

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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.

WEIGHT

3.5 lbs.

Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal effusion / peritonitis were noted.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

- Overall normal urinary bladder containing anechoic urine - no sediment or calculi
- Torturous to variable fluid dilated tubular structure primary cranial to the urinary bladder - Consistent with uterine horn location, likely pyometra, hydrometra, or similar
- Overtly normal gastrointestinal tract with mild gastric and segmental intestinal ingesta / chyme
- Normal volume liver
- Mild age-related kidneys

IMAGING PERFORMED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CBC pathology review, GI panel to include PLI/TLI/Cobalamin/Folate, and three-view chest radiographs to assess for occult disease as contributing factors to the patient's anemia as well as minor weight loss are recommended.

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Potentially, current Prednisone may be masking additional intraabdominal pathology or changes. Exploratory laparotomy with gross inspection of the tubular structure and suspected pyometra, hydrometra, or similar with resection +/- gastrointestinal biopsies, given the patient's weight loss, is recommended.

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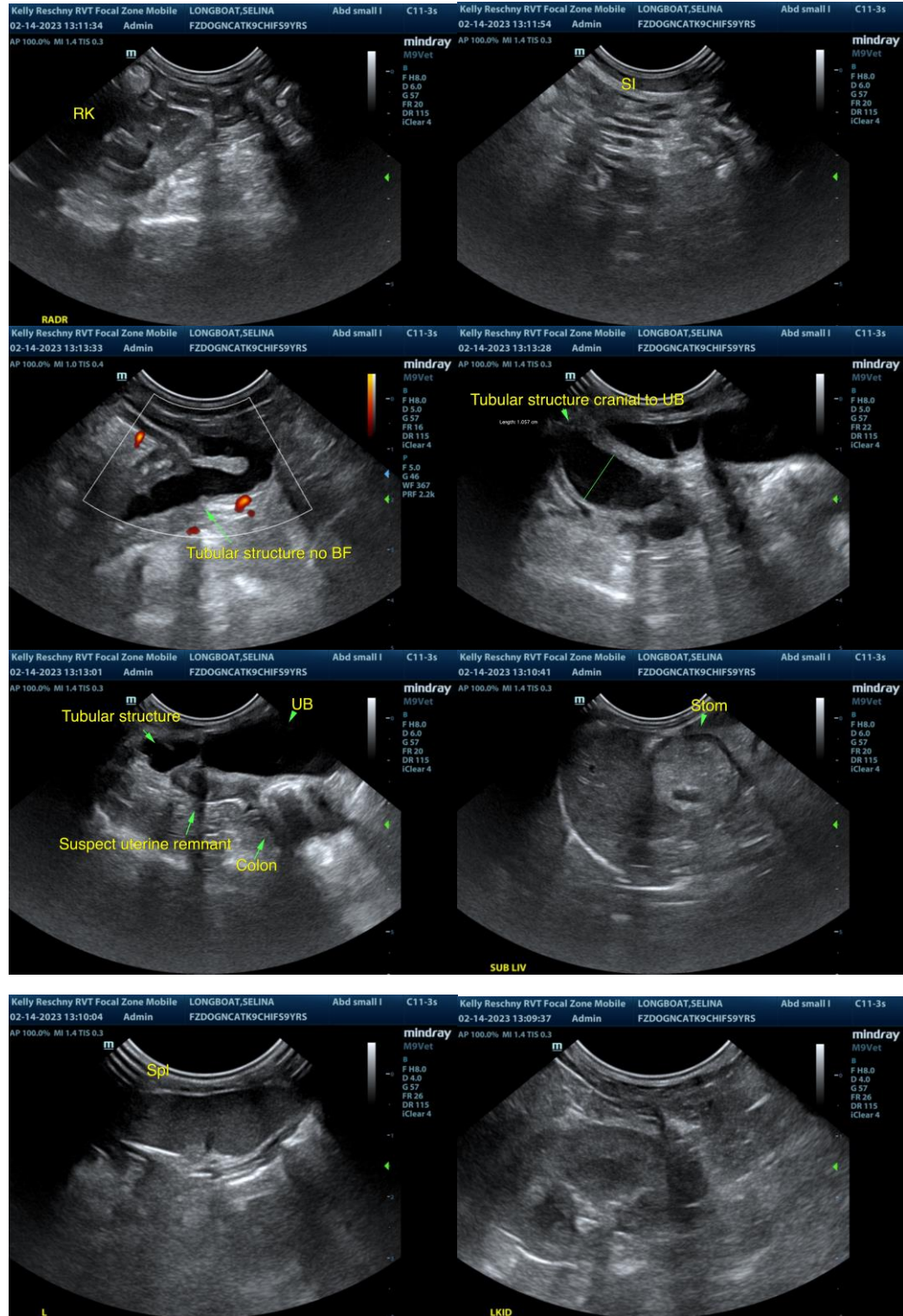
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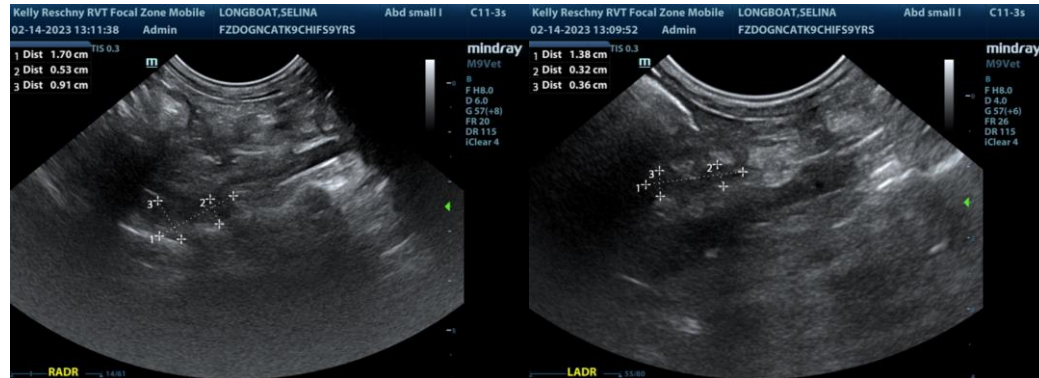
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AGE

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WEIGHT

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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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