



PATIENT

Kiki Pereira

PRESENTING CLINICAL SIGNS

Stray cat taken in. Doing well clinically. No signs of a heat cycle. AUS for general evaluation and also to determine whether she has been previously spayed prior to surgery.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine or 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.

BREED

DLH

SEX

FI

Intact normal appearing uterus was present, dorsal to craniodorsal to the urinary bladder measuring 0.77 cm in diameter. Intact bilateral ovaries with discreet ovarian follicles vs ovarian cysts were present. The left ovary measured 1.0 cm in diameter; the right ovary measured 1.6 cm in diameter.

AGE

2yr

Normal size and margination was 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. A discreet hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated with interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 3.8 cm in length. The right kidney measured 4.2 cm in length.

WEIGHT

9.9lb

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.39 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.36 cm width

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS, Certified
Veterinary
Sonographer (IVUSS)

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.

HOSPITAL NAME

Fall River Animal
Hospital

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. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and minor non-organized debris. The cystic and common bile ducts were normal.

REFERRING VET

Charlene Keegan DVM

Gastrointestinal

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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained minor retained pyloric fluid with no signs of ileus, obstruction or foreign material.

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The small intestine presented intact wall layering with overall maintained muscularis/mucosa ratio. intact wall area with overall maintained wall area ratio. Borderline prominent jejunum wall measuring 0.26 - 0.27 cm in wall width was present. 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.

BREED

Pancreas

DLH

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.

SEX

FI

Free Abdomen

No evidence of peritoneal effusion was present.

AGE

2yr

Intermittent minor prominent to enlarged colic lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

WEIGHT

9.9lb

ULTRASONOGRAPHIC FINDINGS

Primary

- Intact uterus and bilateral ovaries
- Non-specific discreet bilateral medullary rim
- Borderline prominent jejunum wall
- Mild gallbladder debris

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant visceral pathology. The borderline prominent jejunum wall is non-specific with potential for patient variant given no reported gastrointestinal signs. Likewise, the gallbladder debris is non-specific yet may be associated with non-obstructive cholestasis or hepatobiliary inflammation in cats. Correlation with lab work is recommended. Ovariohysterectomy with consideration for screening small intestine biopsies is recommended.

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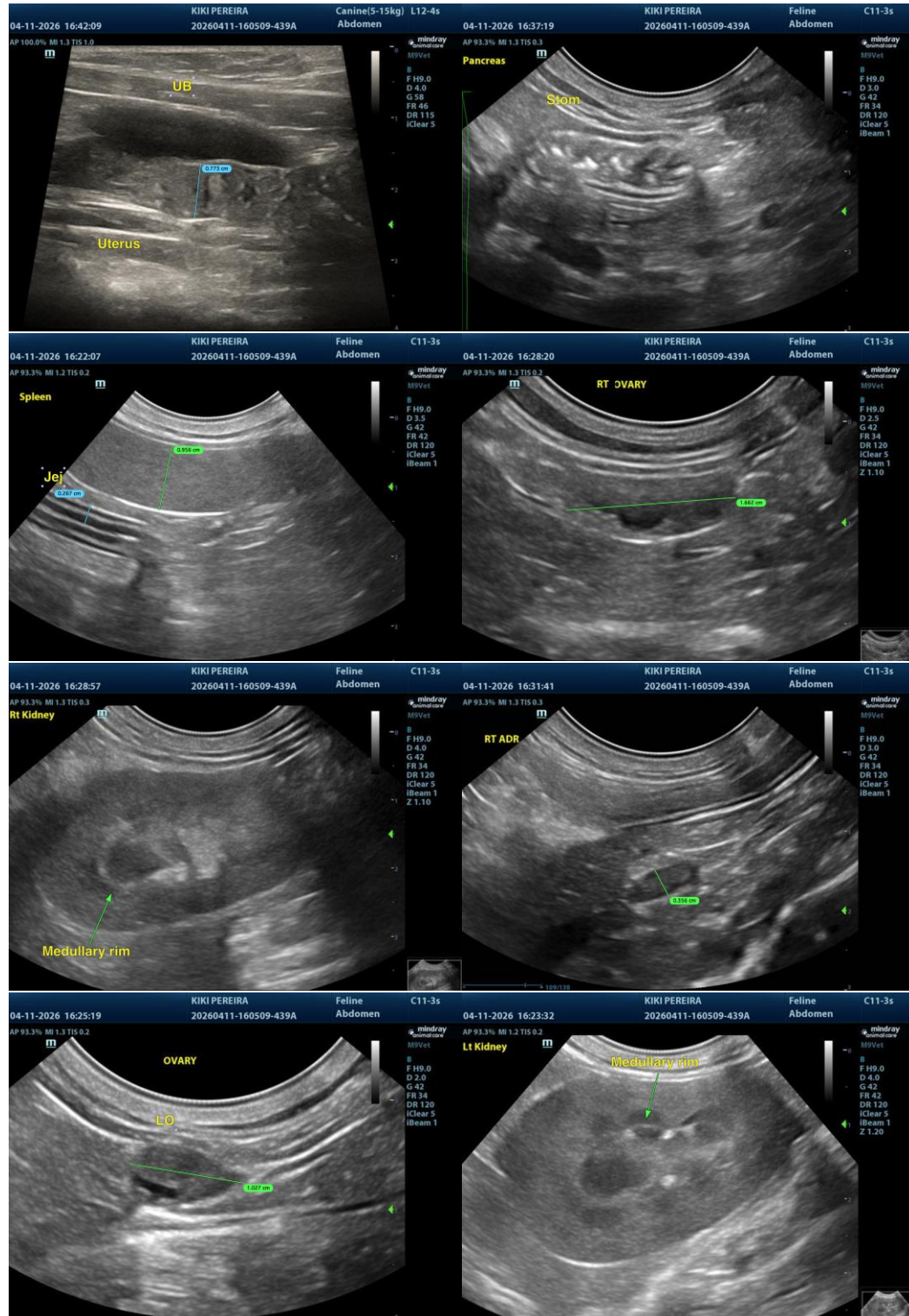
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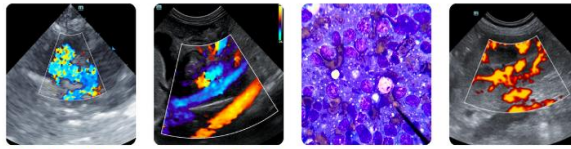


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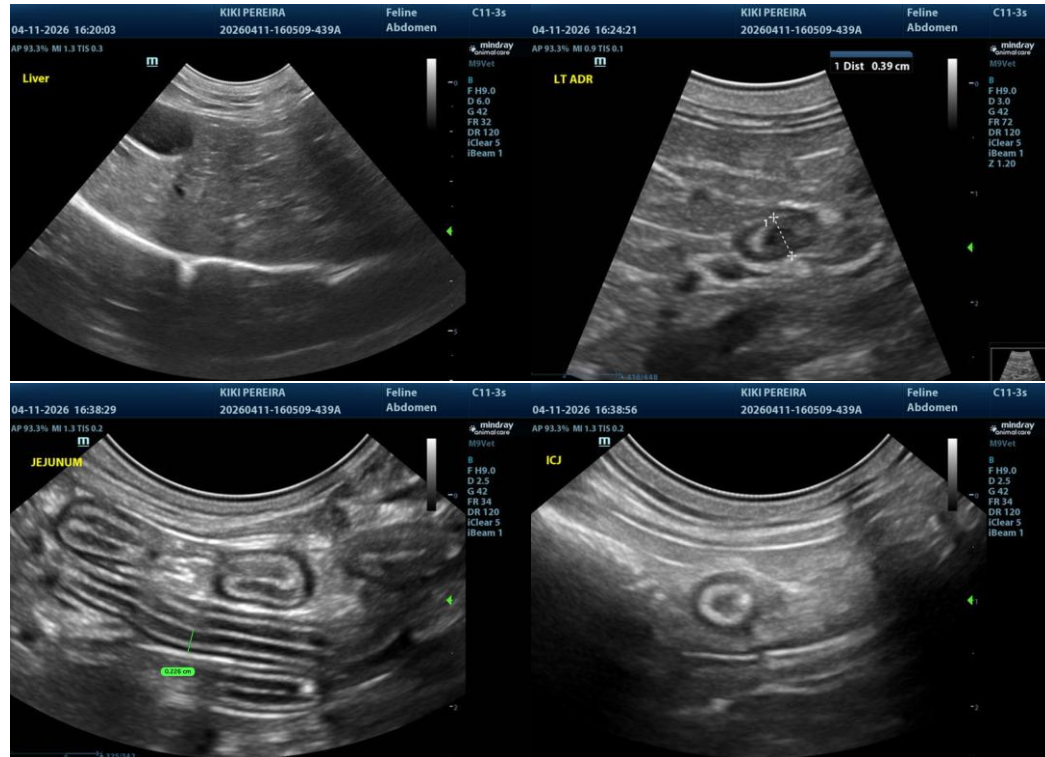
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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