



**PATIENT**

Poozik Nayyer

**PRESENTING CLINICAL SIGNS**

Obese. No clinical signs. "mass" effect on radiographs appearing to push intestines to the right.  
 \*Sedated with sevoflurane for study

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The bladder was normal in size and tone with no evidence of inflammatory or neoplastic mural changes. Anechoic urine was present in the lumen with mild to moderate, non-dependent, particulate sediment, along with focal small dependent calculus. The calculus measured 0.22 cm in diameter. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

**BREED**

DSH

**SEX**

The area of the aortic trifurcation was free of pathology.

**MN**

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 4.4 cm in length. The right kidney measured 4.5 cm in length.

**AGE**

13 y

**WEIGHT**

19 lbs

**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 0.42 cm width.

**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**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

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 Veterinary Service

**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 containing minor, dependent to non-dependent gallbladder debris. No evidence of gallbladder or peripheral gallbladder inflammatory criteria was noted. The cystic and common bile ducts were normal.

**REFERRING VET**

Tami Ilovich, DVM

**INVOICE**

14897

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. Mild non shadowing ingesta / chyme was present.

**DATE**

9-15-22



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Mild segmental nonshadowing ingesta / chyme was present. No evidence of pathology was noted at the level of the ileocolic junction.

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

***Pancreas***

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

**BREED**

DSH

***Free Abdomen***

No omental masses or lymphadenopathy were noted. Focal scant pocket of peritoneal free fluids was noted adjacent to the lateral spleen. Assuming normal albumin levels, this is likely indicative of incidental to physiologic free fluid. No evidence of significant peritoneal free fluid was noted. An increased amount of omental and falciform fat was present.

**SEX**

MN

**AGE**

13 y

**ULTRASONOGRAPHIC FINDINGS**

- Solitary small dependent cystic calculus with mild to moderate nondependent particulate urinary bladder sediment
- Overtly normal gastrointestinal tract with gastric and segmental intestinal ingesta / chyme
- Heterogeneous pancreas - patient / age-related variant, remodeling owing to previous inflammation or low-grade to chronic pancreatitis possible

**WEIGHT**

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 DABVP (Canine and  
 Feline)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Largely sonographically unremarkable abdomen with mild benign changes. No evidence of significant visceral pathology, specifically no evidence of intraabdominal masses or neoplastic criteria. An increased amount of omental and falciform fat was present which could potentially displace organs or result in a pseudo mass effect.

**IMAGING**

**PERFORMED BY**

Pamela Harrigan, RDCS

Urine culture and sensitivity on a sterile urine sample is suggested.

**HOSPITAL NAME**

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Low grade to chronic pancreatitis may be suspected if evidence of cranial abdominal or subxiphoid discomfort on palpation. Correlation with a Spec fPL may be considered if clinical signs suggestive of chronic pancreatitis are present.

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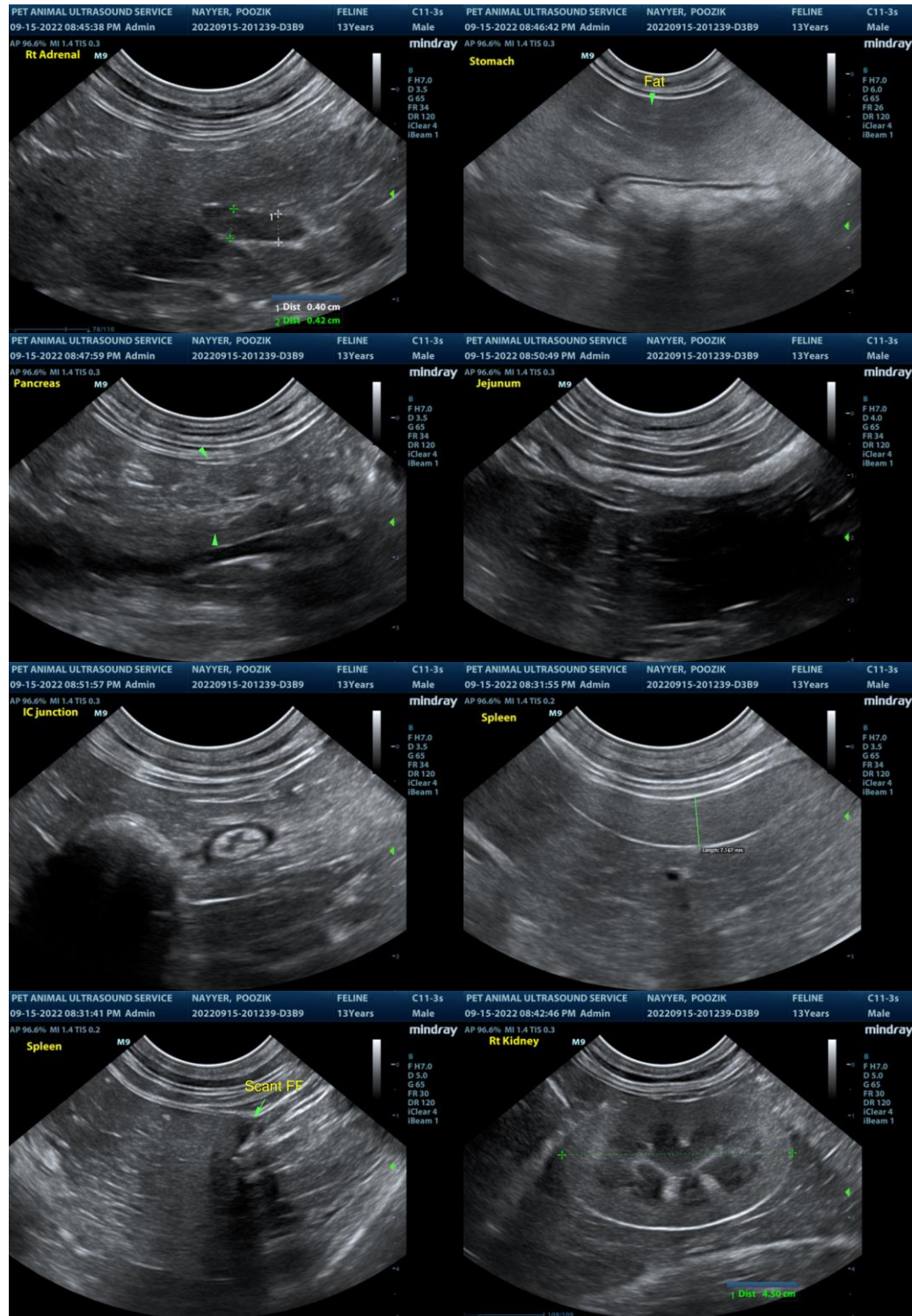
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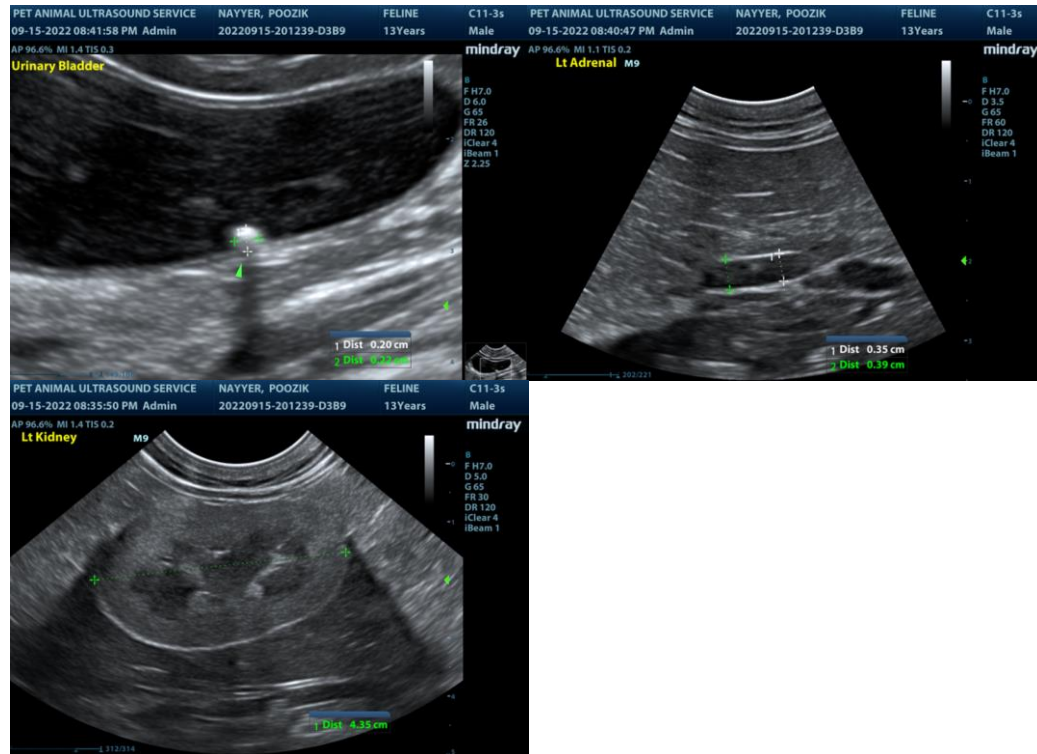
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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 info@SonoPath.com