



PATIENT

Garrity Mills

SPECIES

Feline

BREED

Siamese Mix

SEX

MN

AGE

14 years

WEIGHT

7.9 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Sheridan

INVOICE

15365

DATE

11/3/22

PRESENTING CLINICAL SIGNS

History of asthma and pancreatitis.

Abnormal PE/Chem/CBC/UA Results: RADS: large clear lung field, flattened diaphragm. Stool in colon, decreased detail and irregular kidneys. BW: Amylase 1,787, BUN 36, Ca 12.6.

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, sediment, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

A solitary, nonenlarged, isoechoic, medial iliac lymph node was noted in the area of the iliac trifurcation measuring 1.2 cm length x 0.42 cm width. This lymph node was not consistent with inflammatory or neoplastic criteria and considered normal.

The bilateral kidneys exhibited borderline to mild subnormal size with asymmetrical contour. Moderate to marked loss of corticomedullary border demarcation with increased medullary echogenicity, medullary mineralization, and focal to intermittent cortical cysts (likely cortical microinfarctions) were present in both kidneys. The left kidney measured 2.7 cm in length. The right kidney measured 3.0 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 0.33 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 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. The spleen measured 0.9 cm width at the level of the hilus.

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 primarily anechoic content with minor echogenic gallbladder debris. No evidence of gallbladder or peripheral gallbladder inflammatory criteria was noted. The cystic and common bile ducts were normal.



PATIENT	Transdiaphragmatic view revealed focal mild comet tail lung pattern, which is echogenic sound wave interface with microconsolidations within the caudal lung field. The lung field should not be visualized by sonogram unless pathology is present.
Garrity Mills	
SPECIES	<i>Gastrointestinal</i>
Feline	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate ingesta exhibiting mild progressive distal acoustic shadowing, likely consistent with post prandial presentation or recent meal ingestion.
BREED	
Siamese Mix	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.
SEX	
MN	Normal visible colon wall layers were present with apparent formed feces in lumen.
AGE	<i>Pancreas</i>
14 years	The left pancreatic limb was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.
WEIGHT	<i>Free Abdomen</i>
7.9 lbs.	No omental masses, lymphadenopathy, or evidence of peritoneal free fluid were noted.
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<ul style="list-style-type: none"> • Bilateral borderline to mild subnormal renal size exhibiting bilateral moderate to marked chronic degenerative renal changes • Sonographically unremarkable gastrointestinal tract with gastric ingesta • Heterogeneous left pancreas - possible low-grade to chronic pancreatitis
IMAGING PERFORMED BY	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Dr. Ebersole	Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Assessment of systemic BP is recommended.
HOSPITAL NAME	Sonographically, no evidence of significant or active pancreatitis, although potential for persistent low-grade to mild chronic pancreatitis is possible. Correlation with a spec fPL could be considered.
Scanvet	
REFERRING VET	No overt evidence of intraabdominal neoplastic criteria as a contributing factor to the hypercalcemia was noted.
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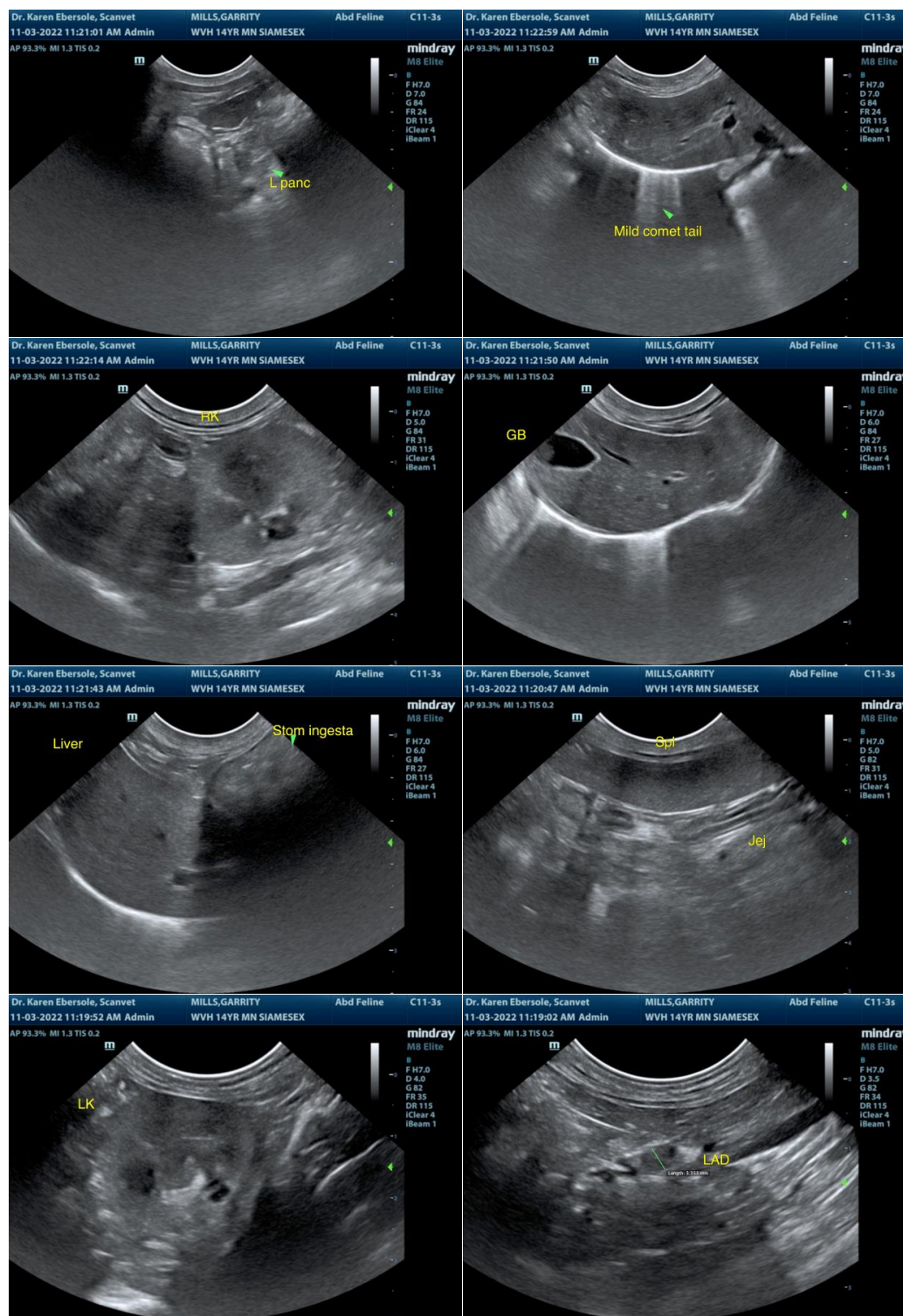
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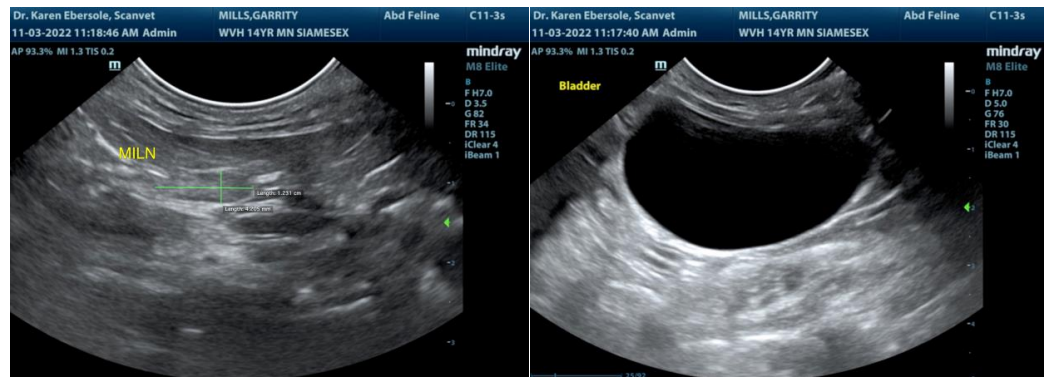
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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