



PATIENT

PRESENTING CLINICAL SIGNS

Kali Gentile

Protein, blood and crystals in urine.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Albumin 4.3, HCT 49, Platelet 185 UA: Protein 3+, Glucose 2+, Blood 3+, Struvite crystals 21-50, Amorphous Phosphate Crystals 11-20 SG: 1.065

Feline

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

DMH

SEX

Urinary System

FS

The urinary bladder was normal in size and tone. Anechoic urine was present with mild dependent, mildly shadowing sand / mineral, along with non-dependent mildly congealed, particulate to focally hyperechoic sediment, which may indicate cellular debris / protein, crystalline debris, lipid, or mucus. No evidence of urinary bladder wall thickening, evidence of significant cystitis, or neoplastic criteria. The urethra exhibited overtly normal structure and tone to a depth of 2.0 cm. The urinary bladder mineral was mobile upon urinary bladder manipulation.

AGE

7 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

Not provided

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 or pyelonephritis. The left kidney measured 4.1 cm in length. The right kidney measured 4.1 cm in length.

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 0.45 cm width. No overt pathology was noted in the area of the right adrenal gland.

IMAGING PERFORMED BY

Jessica Miller

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

Hamburg VC

REFERRING VET

Dr. Martens

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 with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

15701

DATE

12/27/22

Gastrointestinal

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. The gastric body wall width measured 0.25 cm.



PATIENT

Kali Gentile

SPECIES

Feline

BREED

DMH

SEX

FS

AGE

7 years

WEIGHT

Not provided

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Martens

INVOICE

15701

DATE

12/27/22

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. The duodenum wall measured 0.22 cm width. The jejunum wall measured 0.22 cm width. The ileocolic wall measured 0.30 cm width.

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

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.

Free Abdomen

Minor regional peri ileocolic hyperechoic mesentery and concurrent mildly prominent to mildly hypoechoic colic lymph nodes were present. An example of a colic lymph node measured 0.7 cm in diameter. No evidence of intraabdominal masses, significant lymphadenopathy, or peritoneal free fluid.

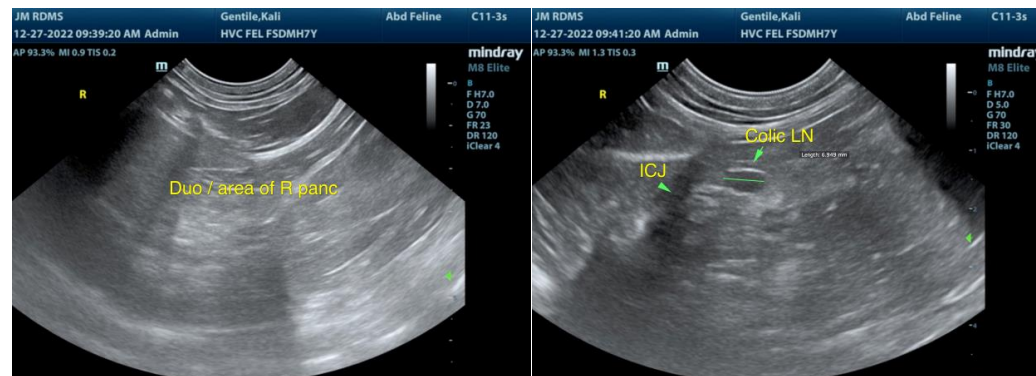
ULTRASONOGRAPHIC FINDINGS

- Non-distended urinary bladder with mild shadowing sand / mineral and non-dependent sediment
- Sonographically unremarkable bilateral kidneys - no evidence of pyelonephritis
- Sonographically unremarkable pancreas
- Minor peri ileocolic reactive mesentery and associated colic lymphadenopathy - nonspecific

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urine C/S on a sterile urine sample to assess for underlying UTI is suggested. Empirical therapy for minor cystitis, as well as a urinary diet, may prove beneficial.

The mild peri ileocolic reactive mesentery and associated colic lymphadenopathy is nonspecific, given the lack of reported gastrointestinal signs or weight loss. This may be incidental, although some degree of mild ileocolitis may be considered if evidence of gastrointestinal signs going forward is noted. No evidence of intraabdominal neoplastic criteria.





PATIENT

Kali Gentile

SPECIES

Feline

BREED

DMH

SEX

FS

AGE

7 years

WEIGHT

Not provided

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Hamburg VC

REFERRING VET

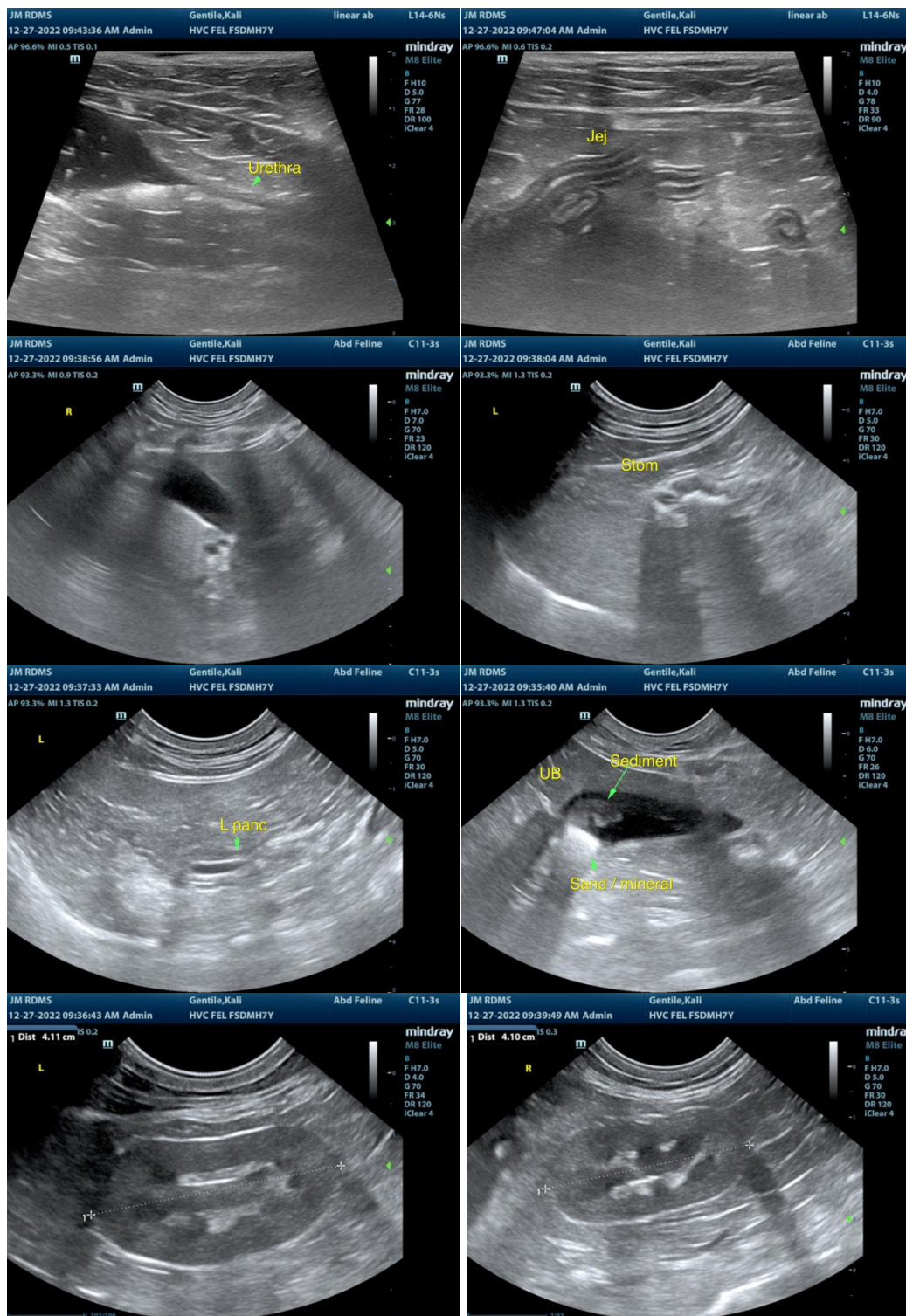
Dr. Martens

INVOICE

15701

DATE

12/27/22



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.



PATIENT

Kali Gentile

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.

SPECIES

Feline

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

BREED

DMH

SEX

FS

AGE

7 years

WEIGHT

Not provided

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jessica Miller

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Martens

INVOICE

15701

DATE

12/27/22