



PATIENT	PRESENTING CLINICAL SIGNS
Elmo Kroeker	Young, active cat that was admitted and unblocked about 1 month ago without sedation. Poss mass palpated? Very uncomfortable when scanning or palpating area around kidneys and would not tolerate any pressure on the area of the right kidney specifically.
SPECIES	
Feline	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
	Urinary System
DSH	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Primarily dependent, particulate sediment was present without evidence of calculus formation. No calculi were noted. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic urinary bladder criteria was noted.
SEX	
MI	The area of the aortic trifurcation was free of pathology.
AGE	
6 months	The left kidney was borderline enlarged in size measuring 4.5 cm in diameter. A normal 1:3 cortex / medulla ratio was present with no evidence of pyelectasia.
WEIGHT	
7.4 lbs.	The right kidney was enlarged in size, measuring 5.2 cm. Loss of discernable right kidney medullary parenchyma primarily owing to replacement with anechoic fluid exhibiting cellular component. The area of the proximal right ureter exhibited an ill-defined mass lesion with intraluminal pockets of fluid. The fluid was anechoic exhibiting cellular component. Evidence of right retroperitoneal inflammation was noted around the right kidney and proximal right ureter. Suspect mild ureteral distention containing fluid exhibiting cellular component at the level of the urinary bladder, measuring 0.29 cm in diameter, was noted. No overt evidence of right ureteral calculi was noted.
INTERPRETED BY	
R. McKenzie Daniel, DVM, DABVP	Adrenal Glands
IMAGING PERFORMED BY	
Crystal Hill	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.31 cm width. The right adrenal gland was no definitively visualized owing to regional periadrenal pathology.
HOSPITAL NAME	
Centerville AH	Spleen
REFERRING VET	
Dr. Sandhu	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.
INVOICE	Liver/ Gallbladder
13115	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.
DATE	
1/19/22	



PATIENT	<i>Gastrointestinal</i>
Elmo Kroeker	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate ingesta exhibiting subtle progressive distal acoustic shadowing, likely consistent with post prandial presentation. Some degree of metabolic gastric stasis could be possible if documented NPO. The gastric body wall width measured 0.25 cm. The stomach was otherwise normal.
SPECIES	
Feline	
BREED	
DSH	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	<i>Pancreas</i>
MI	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.
AGE	<i>Free Abdomen</i>
6 months	No overt lymphadenopathy or peritoneal effusion was present.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
7.4 lbs.	<i>Primary Findings</i>
INTERPRETED BY	<ul style="list-style-type: none"> • Urinary bladder sediment - suspect pyuria • Right kidney severe hydronephrosis / pyonephrosis • Ill-defined mass lesion in area of proximal right ureter - severe right ureteritis or potential ureteral abscess, other • Associated retroperitoneal peritonitis • Borderline enlarged left kidney exhibiting normal overall architecture and without overt concurrent pyelectasia
R. McKenzie Daniel, DVM, DABVP	
IMAGING PERFORMED BY	
Crystal Hill	
HOSPITAL NAME	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Centerville AH	Urinalysis and urine culture and sensitivity on a sterile urine sample is recommended. Under sedation, right kidney FNA centesis for a sample of the fluid with potential for culture and sensitivity would be warranted. However, the functionality of the right kidney is highly questionable, if not nonfunctional. Further assessment may include advanced imaging such as abdominal CT, as well as potential surgical planning in this case. Right nephrectomy is likely indicated.
REFERRING VET	
Dr. Sandhu	
INVOICE	
13115	
DATE	
1/19/22	



PATIENT

Elmo Kroeker

SPECIES

Feline

BREED

DSH

SEX

MI

AGE

6 months

WEIGHT

7.4 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Centerville AH

REFERRING VET

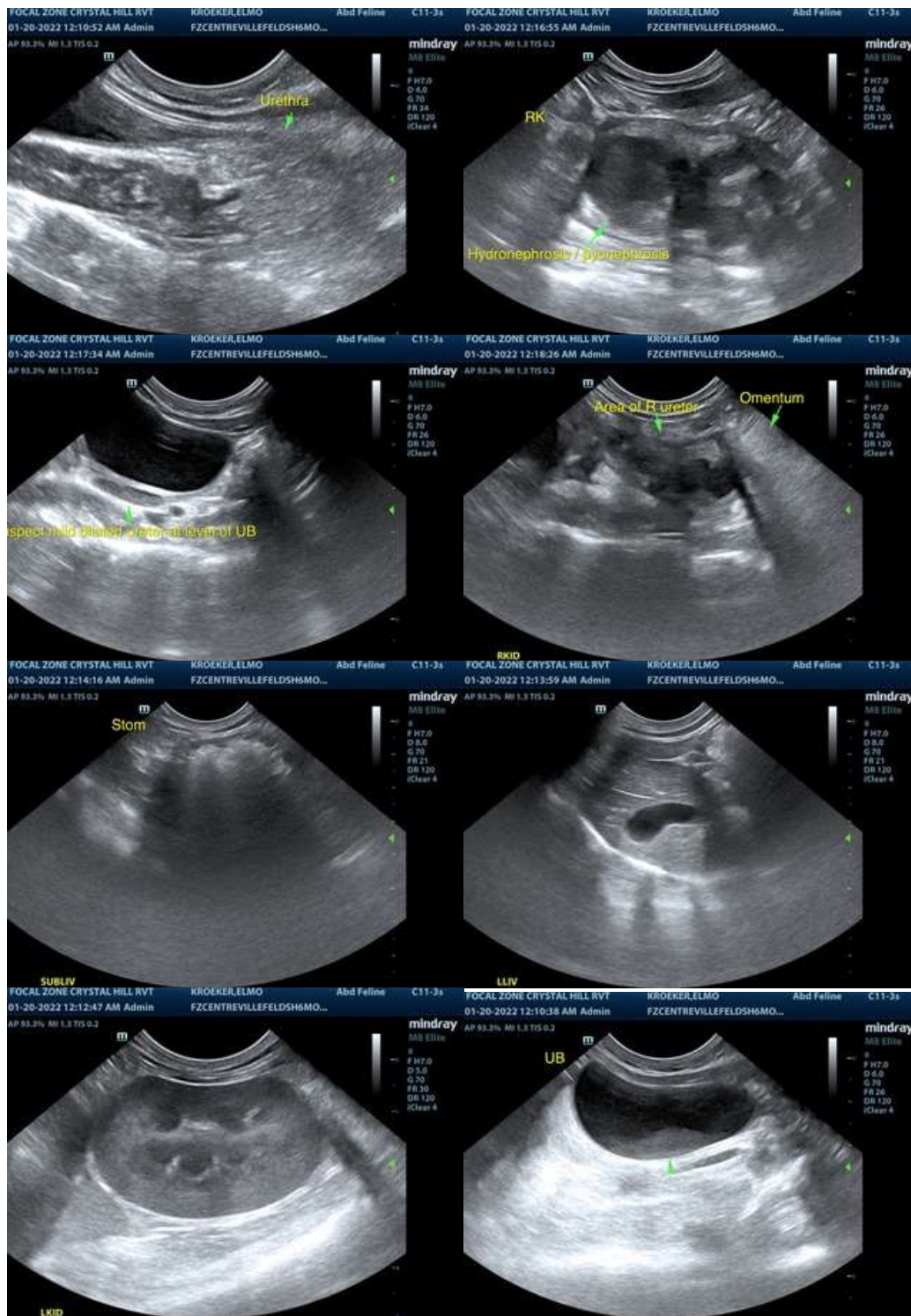
Dr. Sandhu

INVOICE

13115

DATE

1/19/22





PATIENT

Elmo Kroeker

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

SPECIES

Feline

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.

BREED

DSH

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

SEX

MI

AGE

6 months

WEIGHT

7.4 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Centerville AH

REFERRING VET

Dr. Sandhu

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