



PATIENT

Winky Hadnot

This submitted study contained 9 videos and 29 still images for review. Please submit primarily videos for interpretation.

SPECIES

Feline

PRESENTING CLINICAL SIGNS

For the past week, P has been feeling lethargic. Owner thinks that P might have fallen down the stairs. Afterwards, O noticed that P seemed to be in pain whenever O touched his hind legs or stomach area. However, it has been improving throughout the week. Normal eating, drinking, urinating, and defecating.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

N

Urinary System

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. Mild, nondependent, particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

AGE

14 years

WEIGHT

8.6 lbs.

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint areas of medullary mineral were noted. The left kidney measured 4.0 cm in length. The right kidney measured 4.0 cm in length.

IMAGING PERFORMED BY

Dr. Kim

Adrenal Glands

The bilateral adrenal glands were mildly prominent in size yet with normal position and capsule symmetry without evidence of mineralization. The left adrenal gland measured 0.5 cm width. The right adrenal gland measured 0.46 cm width. The mildly prominent adrenal glands are nonspecific and not indicative of underlying adrenal pathology with a suspected patient variant. No evidence of neoplastic adrenal criteria was noted.

HOSPITAL NAME

Ridgefield Park AH

Spleen

REFERRING VET

Dr. Kim

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

12726

Liver/ Gallbladder

DATE

12/3/21

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with mild gallbladder debris. The cystic and common bile ducts were normal.



PATIENT	<i>Gastrointestinal</i>
Winky Hadnot	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate, echogenic, nonshadowing ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. The gastric body wall width measured 0.21 cm.
SPECIES	
Feline	The visualized 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 width measured 0.24 cm.
BREED	
Domestic Shorthair	Normal visible colon wall layers were present with apparent formed feces in lumen.
SEX	<i>Pancreas</i>
N	The pancreas was normal in size and contour with heterogeneous to mildly hypoechoic parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.
AGE	<i>Free Abdomen</i>
14 years	No overt omental masses, lymphadenopathy or evidence of peritoneal effusion were present.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
8.6 lbs.	<i>Primary Findings</i>
INTERPRETED BY	<ul style="list-style-type: none"> • Mild urinary bladder sediment • Mild chronic renal changes with pinpoint medullary mineral • Gastric ingesta • Mild gallbladder debris • Mild heterogeneous to hypoechoic pancreas
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
IMAGING PERFORMED BY	Overall, largely geriatric abdomen without evidence of significant visceral pathology.
Dr. Kim	Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.
HOSPITAL NAME	
Ridgefield Park AH	The presence of gastric ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material. The potential for low-grade or chronic pancreatitis may be present yet ultrasonographically normal.
REFERRING VET	
Dr. Kim	The presence of gallbladder debris is nonspecific and may be incidental, yet gallbladder debris may indicate some degree of nonclinical cholestasis or hepatobiliary inflammation. Correlation with full lab work is suggested. Thorough neurological and muscular/skeletal examination may be considered if not done.
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HOSPITAL NAME

Ridgefield Park AH

REFERRING VET

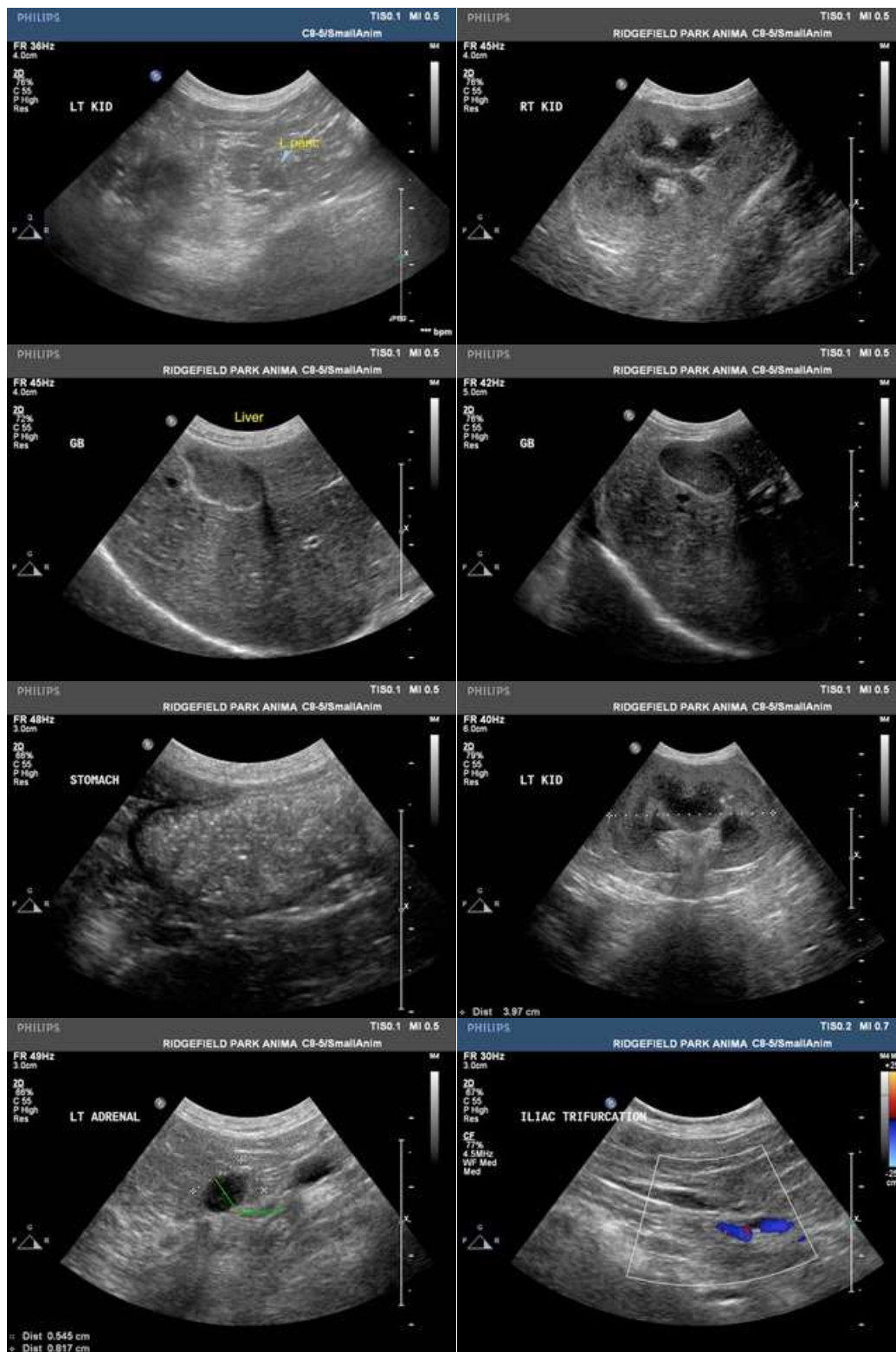
Dr. Kim

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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.

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)
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