

PATIENT

Ruby Oh

SPECIES

Canine

BREED

Miniature Poodle

SEX

S

AGE

11 Years

WEIGHT

6.9 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

Dr. Kim

INVOICE

48587

DATE

11-26-21

PRESENTING CLINICAL SIGNS

Patient was here today because for the last 4-5 days, P has been vomiting on and off (~2x a day). On Monday, P had blood in her vomit, but last night, the vomit was just yellow bile. In addition, P had diarrhea once yesterday. For the past 4-5 days, P also has not been eating normally; if any, very little. Owner feeds kibble with a mixture of chicken or beef; sometimes chicken and rice. No drastic change in diet or environment.

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

No evidence of pathology in the area of the aortic trifurcation.

Normal size and margination was 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. Areas of nonobstructive medullary mineral were present in both kidneys. The left kidney measured 3.0 cm in length. The right kidney measured 3.3 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 0.34 cm width at the caudal pole and 0.34 cm width at the cranial pole.

The right adrenal gland was not definitively visualized.

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.

Liver / Gallbladder

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 echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

The visualized gastric walls were sonographically unremarkable with intact wall layering and without evidence of mural pathology. The stomach appeared to be mildly distended with retained echogenic to hypoechoic focally shadowing ingesta. An example of area of shadowing gastric ingesta measured approximately 1.1 cm width. The gastric body wall width measured 0.24 cm.



PATIENT

Ruby Oh

The visualized small intestine exhibited intact wall layering and subjective maintained 1:3 muscularis/mucosa ratio with segmental to generalized small intestinal digesta / chyme as well as no overt evidence of loss of intestinal wall layering. No evidence of mechanical small intestinal obstructive pattern or overt foreign material. The jejunum wall width measured 0.24 cm.

SPECIES

Canine

The visualized colon exhibited sonographically unremarkable walls, yet the colon appeared to exhibit mild generalized distension with semi-formed to soft feces.

Pancreas

BREED

Miniature Poodle

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 was evident.

SEX

S

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

AGE

11 Years

- Mild chronic renal changes with nonobstructive mild medullary mineral.
- Probable gastroenterocolitis with moderate retained focally shadowing gastric ingesta, segmental to generalized small intestinal digesta/chyme, and semi-formed to soft feces.

WEIGHT

6.9 lbs

- Mild hepatic parenchymal remodeling - subjectively benign.
- Mild gallbladder debris (nonmucocele).

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

The presence of gastrointestinal ingesta may correlate with recent meal ingestion or post-prandial presentation; however, given the reported lack of appetite or inappetence, some degree of generalized gastrointestinal hypomotility or inefficient peristalsis may be possible. Technically, the possibility of gastric foreign material given the shadowing presentation cannot be excluded.

IMAGING PERFORMED BY

Dr. Kim

Radiographic monitoring for evidence of normal gastric emptying is recommended. Dietary intolerance/food hypersensitivity, occult parasitism, or structurally insignificant inflammatory bowel possible without overt evidence of gastrointestinal neoplastic criteria. Likewise, the possibility of low grade to chronic pancreatitis may be present yet ultrasonographically normal.

HOSPITAL NAME

Ridgefield Park Animal
Hospital

A GI panel to include PLI/TLI/Cobalamin/Folate is recommended.

Although considered less likely, adrenal screening with resting cortisol to rule out occult Addison's disease would be warranted.

REFERRING VET

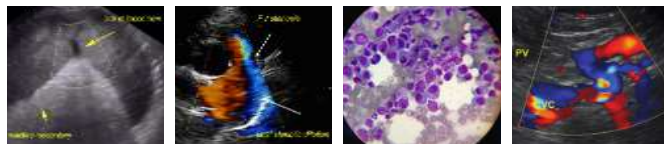
Dr. Kim

INVOICE

48587

DATE

11-26-21



PATIENT

Ruby Oh

SPECIES

Canine

BREED

Miniature Poodle

SEX

S

AGE

11 Years

WEIGHT

6.9 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

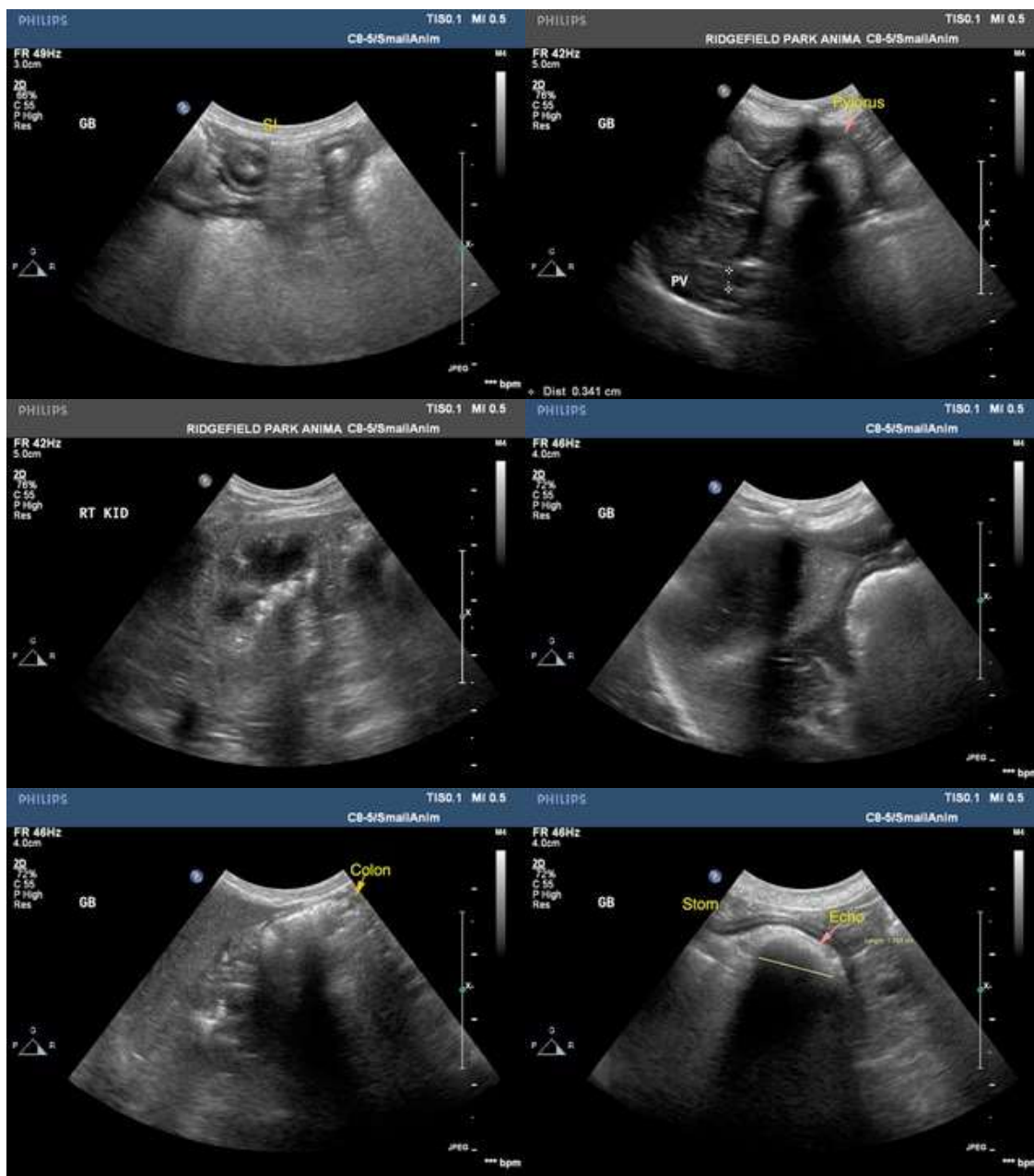
Dr. Kim

INVOICE

48587

DATE

11-26-21





PATIENT

Ruby Oh

SPECIES

Canine

BREED

Miniature Poodle

SEX

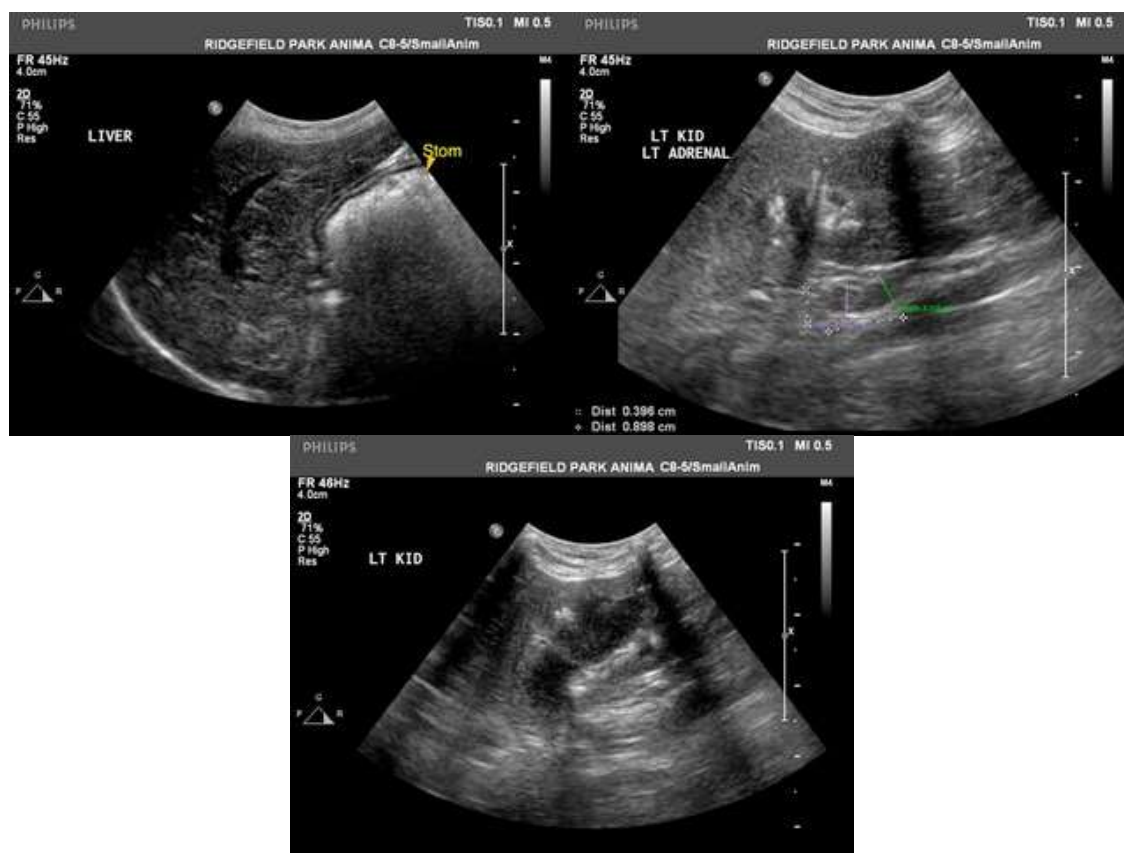
S

AGE

11 Years

WEIGHT

6.9 lbs



INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

Dr. Kim

INVOICE

48587

DATE

11-26-21

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)
info@SonoPath.com