



PATIENT

Poppy Romatz

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

11 years

WEIGHT

5.15 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Amanda Lacey-Crook
- SDEP Certified
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Jodi Wiktorowski

INVOICE

14999

DATE

9-27-22

PRESENTING CLINICAL SIGNS

Recheck cardiac US from another hospital - Mitral regurge moderate and tricupsid regurge mild, early pulmonary hypertension. Recheck on EKG for Dental procedure

Abnormal PE/Chem/CBC/UA Results: See attached ECG for interpretation Doppler BP performed today, 230, 228, 224

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was overall normal in size and contour, containing anechoic urine with no sediment or calculi. The urinary bladder walls exhibited primarily normal sonographic appearance with focal to mild regional nonhomogeneous thickening in the area of the dorsal cystourethral junction measuring approximately 0.9 cm x 0.5 cm. No evidence of associated mural mineralization was noted. The urethra exhibited overtly normal structure and tone to a depth of 3.0 cm.

The area of the aortic trifurcation was free of pathology.

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 pyelectasia was present. Pinpoint medullary mineral was 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 1.2 cm length x 0.44 cm width at the caudal pole. The right adrenal gland was borderline prominent in size and exhibited subtle nonhomogeneous, nonmineralized parenchyma. The right adrenal gland measured 1.5 cm length x 0.56 cm width at the caudal pole. No evidence of left or right adrenal tumors was noted. Suspect age-related right adrenal changes with potential for mild adenomatous change.

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 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 moderate, congealed, variably echogenic to focally mineralized possibly adhered debris. Color doppler assessment of the debris was negative for overt vascularity. The area of congealed potentially adhered



PATIENT

Poppy Romatz

gallbladder debris measured approximately 2.1 cm in diameter. No evidence of Inflammatory gallbladder or peripheral gallbladder changes were noted.

SPECIES

Canine

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The stomach was nondistended containing a mild amount of hyperechoic ingesta including at least 2 nonshadowing hypoechoic gastric luminal echoes. An example of a gastric echo measured 1.2 cm in diameter.

BREED

Chihuahua

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Similar-appearing, hypoechoic echo was present in the duodenal lumen measuring 1.1 cm in diameter. No overt evidence of obstructive pattern was noted.

SEX

FS

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

AGE

11 years

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.

WEIGHT

5.15 lbs.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

- Mildly thickened nonhomogeneous cystourethral junction - focal to regional cystitis, atypical polyp, potential for emerging neoplasia i.e., transitional cell carcinoma is possible
- Bilateral mild chronic renal changes exhibiting pinpoint medullary mineral
- Nonspecific nonshadowing gastric and focal duodenal luminal echoes - ingesta, treat, medication, are all potentials, foreign body cannot be definitively excluded.
- Moderate congealed focally mineralized possibly adhered gallbladder debris

IMAGING PERFORMED BY

Amanda Lacey-Crook
- SDEP Certified
Sonographer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cytospin cytology of free catch urine sample, as well as screening BRAF Assay is recommended.

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Jodi Wiktorowski

Minor potential for emerging gallbladder mineralized luminal mass is considered a less likely differential diagnosis. Ursodiol therapy, if evidence of cholestasis, as well as sonographic monitoring of both the gallbladder and thickened cystourethral junction for evidence of progression would be ideal.

INVOICE

14999

Sonographic reassessment of the stomach and upper gastrointestinal tract is suggested if documented NPO or if vomiting or inappetence develop.

DATE

9-27-22



PATIENT

Poppy Romatz

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

11 years

WEIGHT

5.15 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Amanda Lacey-Crook
- SDEP Certified
Sonographer

HOSPITAL NAME

Rivers Edge Pet Medical Center

REFERRING VET

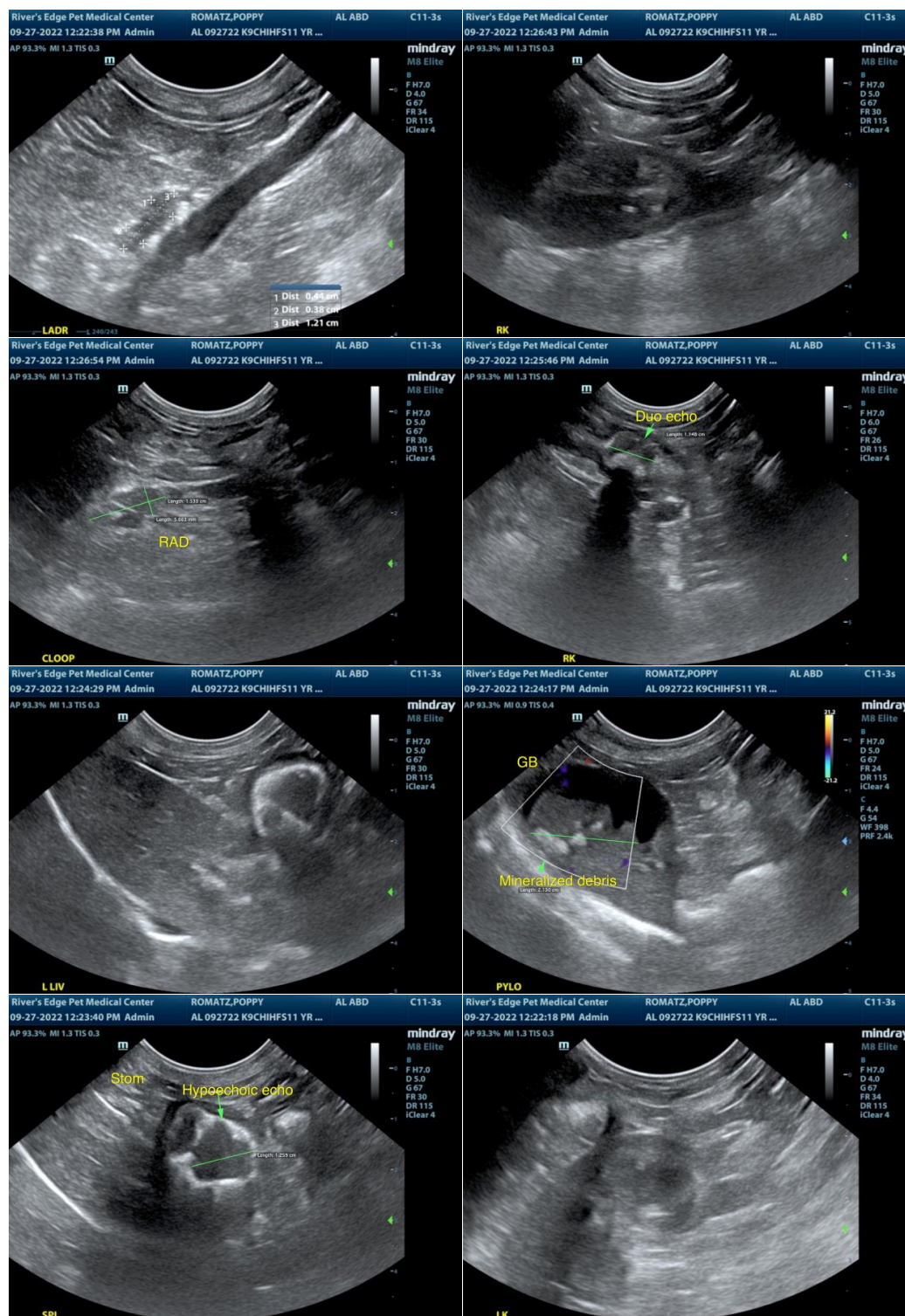
Dr. Jodi Wiktorowski

INVOICE

14999

DATE

9-27-22





PATIENT

Poppy Romatz

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

11 years

WEIGHT

5.15 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Amanda Lacey-Crook
- SDEP Certified
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

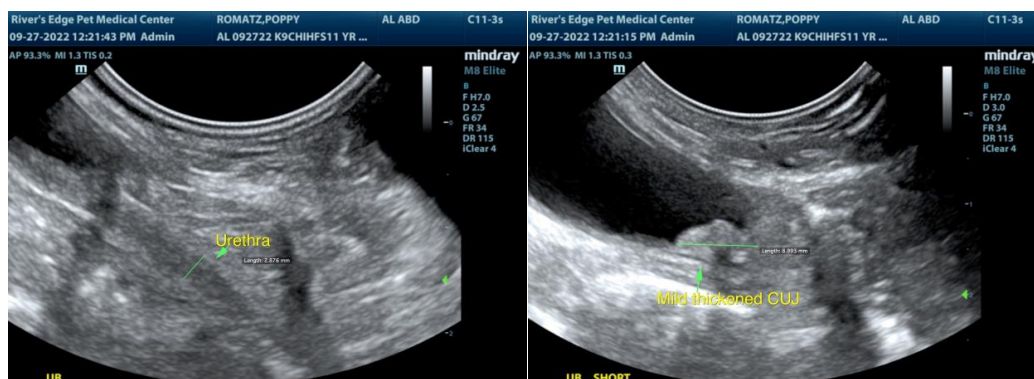
Dr. Jodi Wiktorowski

INVOICE

14999

DATE

9-27-22



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.

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