



PATIENT

Zoe Noel Carey

SPECIES

Canine

BREED

Chihuahua

SEX

Intact Female

AGE

15 Months

WEIGHT

3.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

HOSPITAL NAME

Eastham VH

REFERRING VET

Jay Jakubowski, DVM

INVOICE

14586

DATE

4/4/22

PRESENTING CLINICAL SIGNS

History: Presents with poor appetite despite stable weight. Was given cerenia for vomiting and also metronidazole (no longer on).? enteritis. Getting vitamin B injections. SDMA 15; BUN 35

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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.

Both kidneys exhibited normal size and margination in light of breed and body size. Both kidneys exhibited increased medullary echogenicity compared to the cortex and spleen with suspect pinpoint medullary mineral. Mild to moderate loss of corticomedullary border distinction was present in both kidneys. No evidence of pyelectasia was present or evidence of retroperitoneal inflammation. The left kidney measured 2.6 cm. The right kidney measured 2.8 cm.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.36 cm width at the caudal pole and 0.31 cm width at the cranial pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.31 cm width at the caudal pole and 0.31 cm width at the cranial pole.

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

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. No overt evidence of a portosystemic shunt.

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

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 measured 0.35 cm.

The duodenum and jejunum exhibited intact wall layering and maintained 1:3 muscularis to mucosa ratio with mild segmental to generalized duodenojejunal mucosal speckling. No evidence of mechanical/metabolic small intestinal ileus. The duodenum wall measured 0.30 cm. The jejunum wall measured 0.27 cm.

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



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Pancreas

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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.

SPECIES

Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

Chihuahua

ULTRASONOGRAPHIC FINDINGS

SEX

Intact Female

- Normal subjective bilateral kidney size, exhibiting increased medullary echogenicity with pinpoint medullary and loss of corticomedullary border distinction- suggestive of mild renal dysplasia. Given the patients age, possible nonspecific mild nephritis.
- Mild nonspecific duodenojejunal mucosal speckling- possible nonspecific enteritis

AGE

15 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

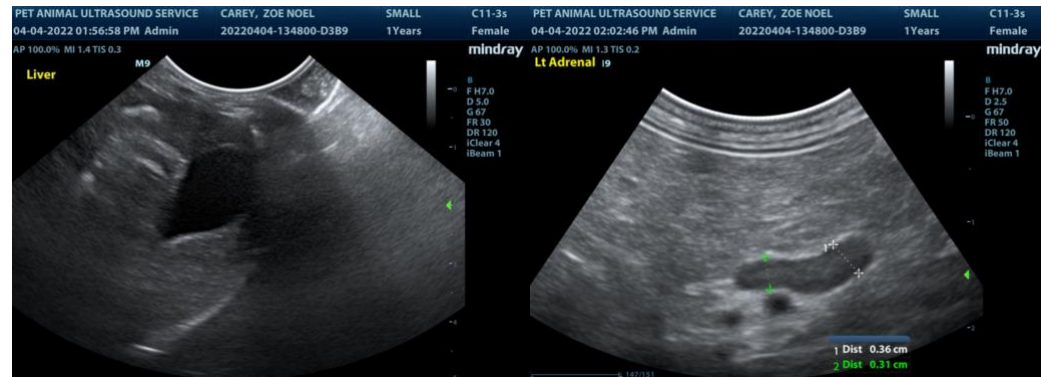
Full urinary work up, including urinalysis, urine culture and sensitivity and baseline UPC level warranted on sterile urine sample. No evidence of structural gastrointestinal pathology. Suspect minor enteritis given the presence of nonspecific duodenojejunal mucosal speckling. Continued gastrointestinal supportive care would be reasonable. Although considered unlikely, resting cortisol, to rule out occult Addisons disease, may be considered.

WEIGHT

3.5 Pounds

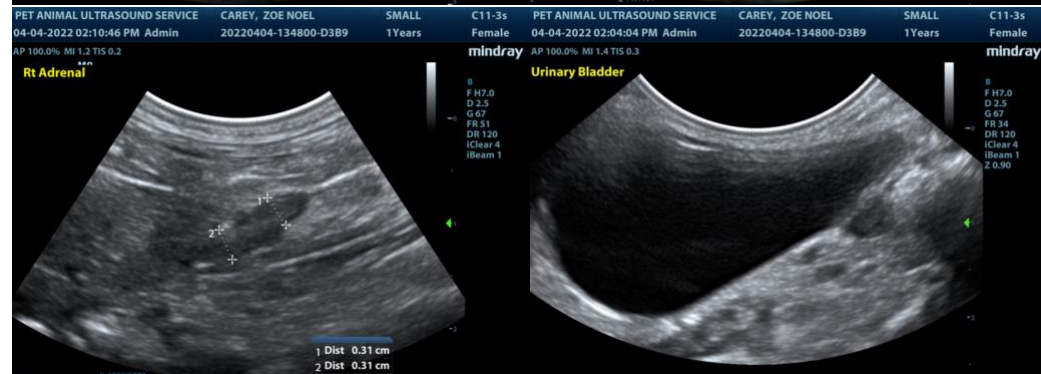
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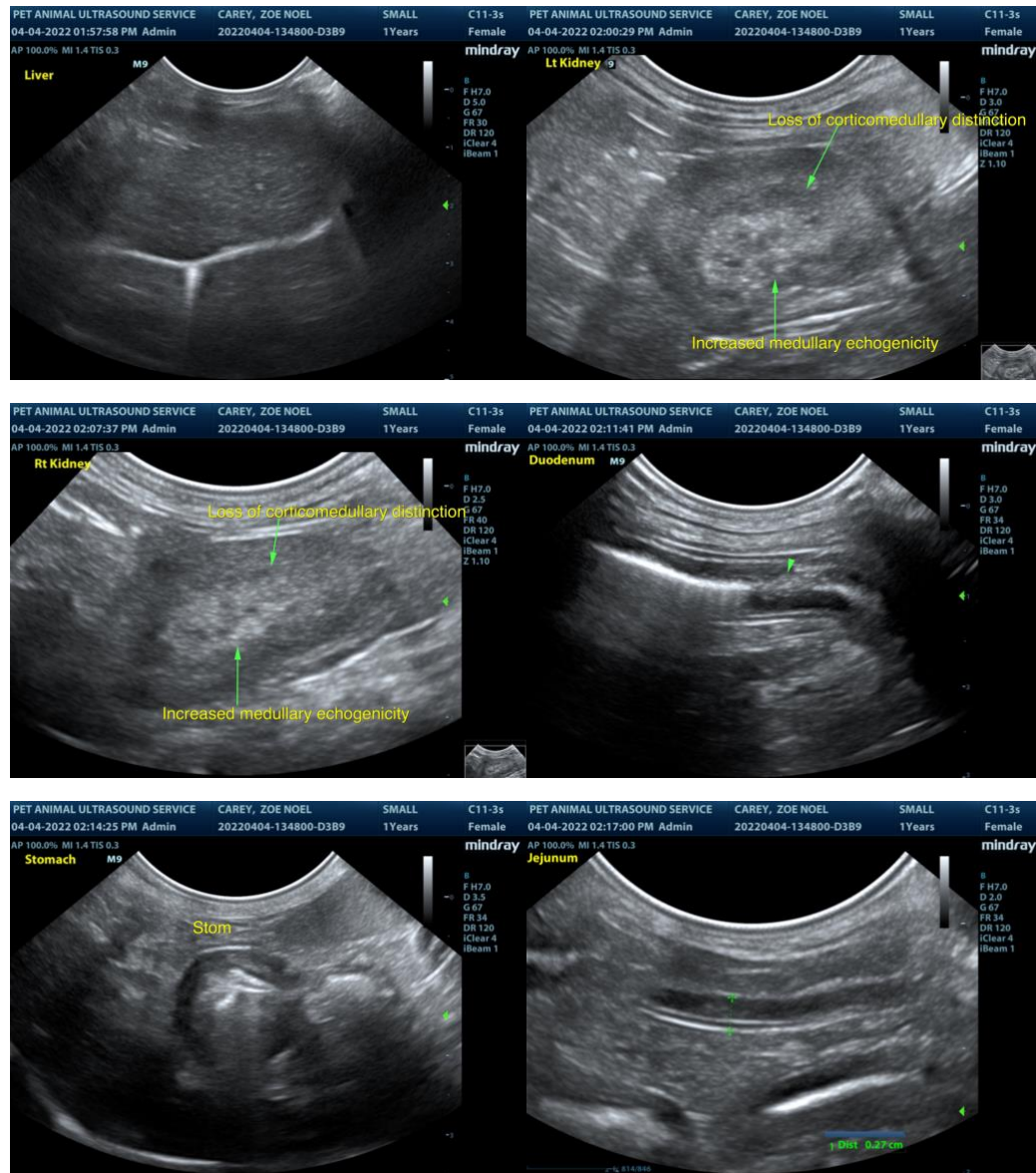
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
 info@SonoPath.com