



PATIENT PRESENTING CLINICAL SIGNS

Lacey Miranda Elevated BUN (54), Creatinine (2.5), SDMA (24). USG 1.008. No clinical signs.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.

BREED

Maltese

Subjective mild subnormal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Moderate loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Bilateral mild pyelectasia was present. The left kidney measured 2.7 cm in length. The right kidney measured 2.6 cm in length.

SEX

FS

AGE

7yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

12.7lb

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.52 cm width at the caudal pole and 0.35 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 0.41 cm width at the caudal pole and 0.42 cm width at the cranial pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

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

HOSPITAL NAME

Chase Veterinary Clinic

REFERRING VET

Dr. Caffarella

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.

INVOICE

12097ag

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.

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

DATE

11/07/2022

Pancreas



PATIENT

Lacey Miranda

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 omental masses, overt lymphadenopathy or peritoneal effusion was present.

BREED

Maltese

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic nephropathy with mild bilateral pyelectasia

SEX

FS

The renal presentation is consistent with chronic nephropathy with considerations including dysplasia, chronic renal disease, possible chronic non-specific nephritis. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. CRD therapy is recommended with monitoring of renal parameters. A guarded long-term prognosis is indicated based on renal presentation and degree of azotemia. Sonographic reassessment of the kidneys is recommended if progressive azotemia is present. Monitoring of systemic BP is likely ideal.

AGE

7yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

12.7lb

INTERPRETED BY

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

IMAGING PERFORMED BY

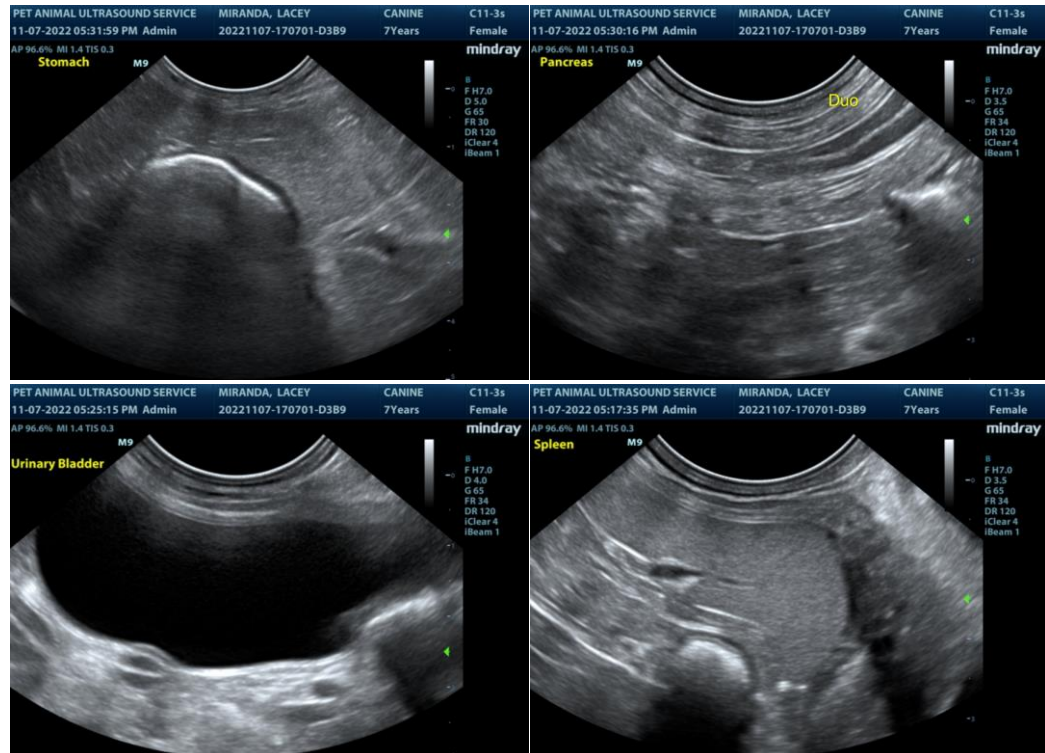
Pamela Harrigan, RDCS

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PATIENT

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SPECIES

Canine

BREED

Maltese

SEX

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AGE

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WEIGHT

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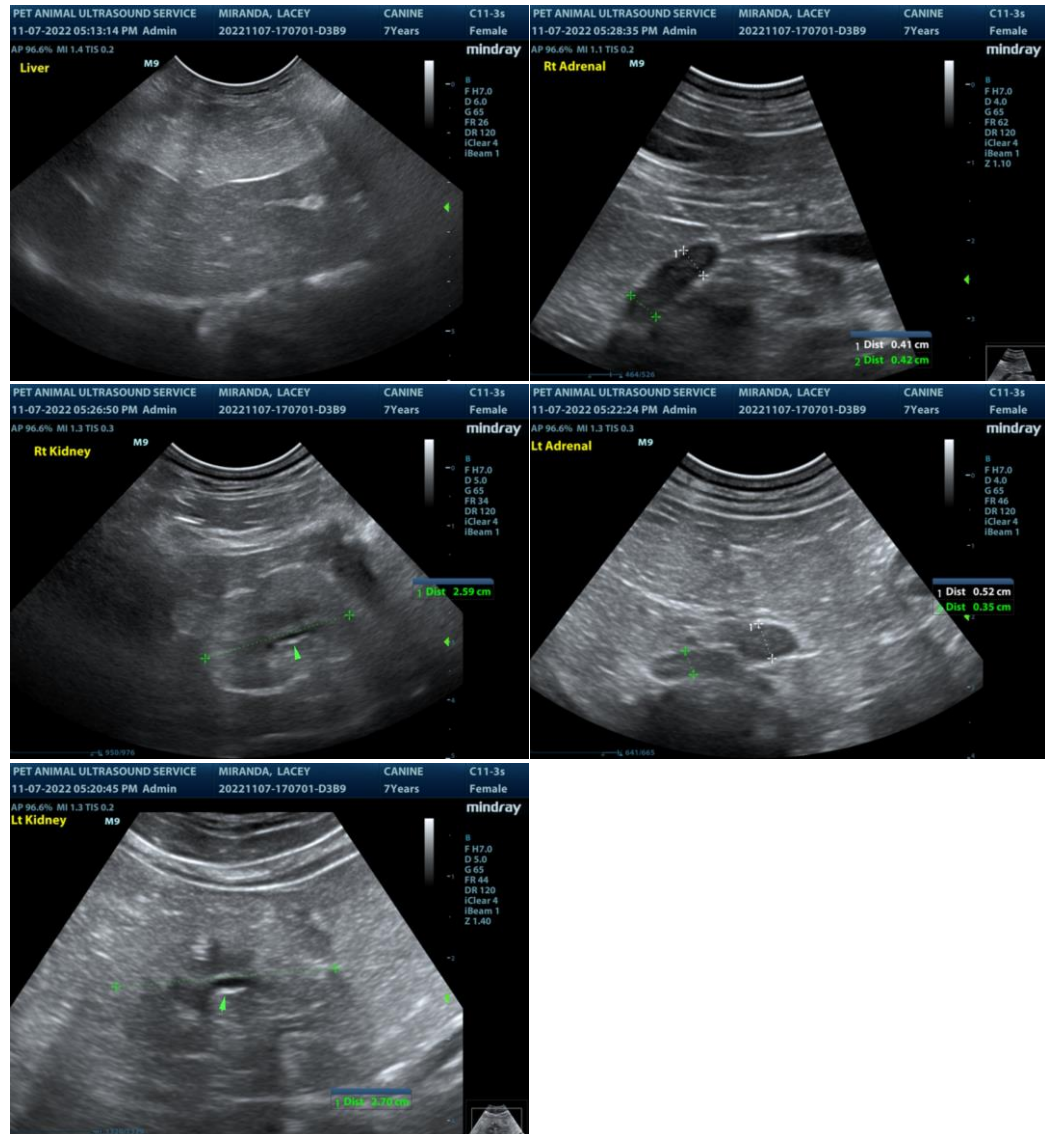
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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