



PATIENT PRESENTING CLINICAL SIGNS

Lola Cunha History: recheck liver; dog doing well at home

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine *Urinary System*

BREED The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

Maltese Mix

SEX

Spayed Female The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight cortical infarcts were noted. The right kidney measured 3.72 cm. The left kidney measured 3.48 cm.

AGE

10 years

WEIGHT

9.8 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The left adrenal gland measured 1.58 x 0.5 cm at the caudal pole and 0.48 cm at the cranial pole. The right adrenal gland measured 1.76 x 0.61 cm at the caudal pole and 0.85 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING

PERFORMED BY

Diane McFadden, RVT

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

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Liver

The **liver** revealed coarse architecture. Mild remodeling was noted. The gallbladder and common bile duct were unremarkable.

DATE

10/8/21

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



PATIENT

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Lola Cunha

SPECIES

Pancreas

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

BREED

Maltese Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Mild hepatic and renal remodeling.

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

The changes are largely expected for this age patient. There was no evidence of specific disease.

10 years

WEIGHT

9.8 lbs

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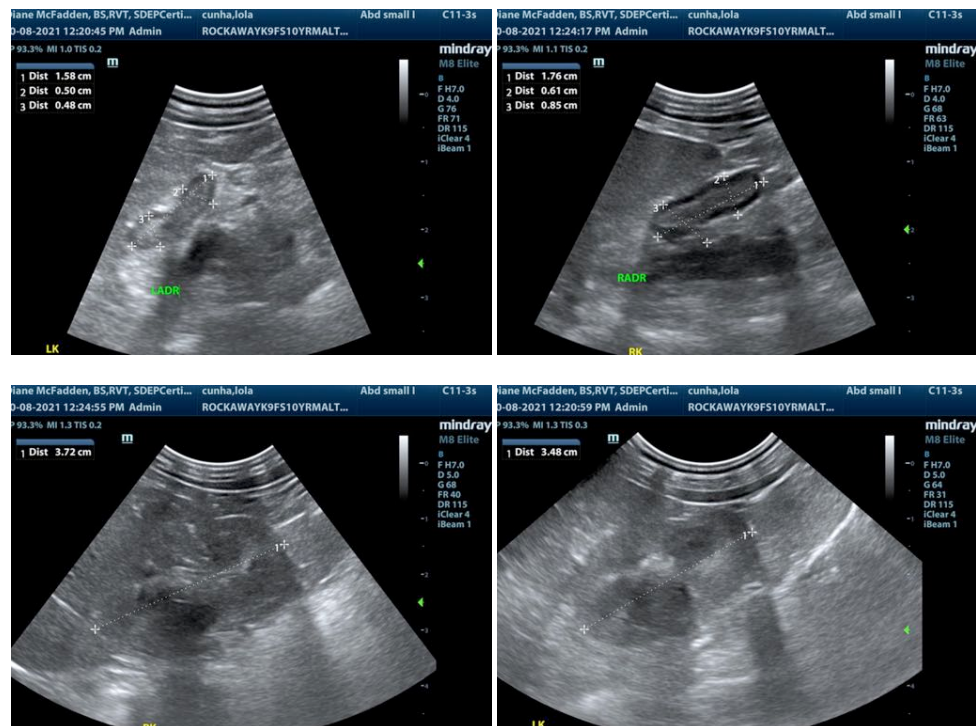
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PATIENT

Lola Cunha

SPECIES

Canine

BREED

Maltese Mix

SEX

Spayed Female

AGE

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WEIGHT

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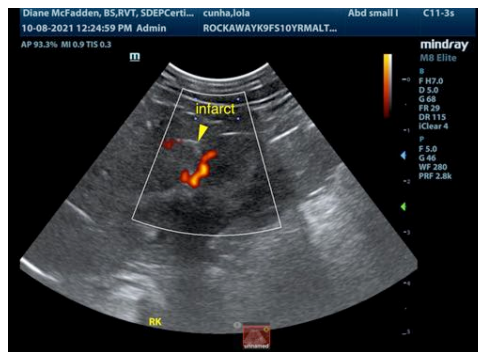
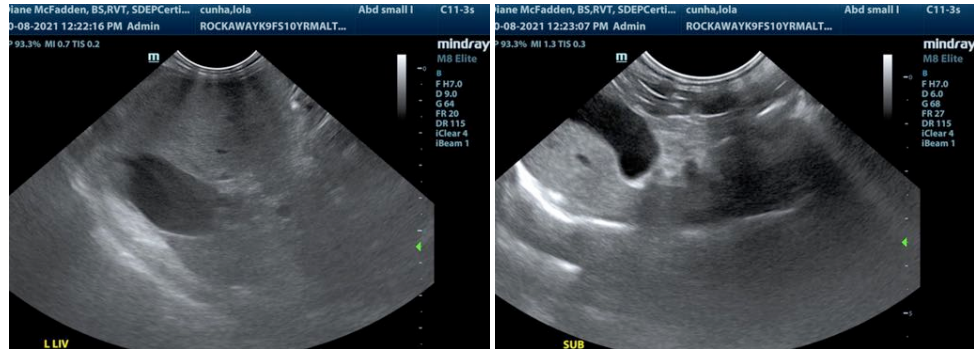
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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