



PATIENT

Blue Dabal

PRESENTING CLINICAL SIGNS

History: Patient presents for recheck abdominal ultrasound - renal nodule.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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. Aortic trifurcation was normal.

BREED

Pit Bull Terrier

The residual prostate was without pathology.

SEX

Neutered Male

Overall 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. The left kidney measured 8.4 cm in length. The right kidney measured 8.0 cm in length.

AGE

10 Years

The previously noted suspected nodule in the right kidney was better visualized, spherical in appearance, symmetrical contour and anechoic in echogenicity with suspected minor medial renal capsule deviation yet without evidence of parenchyma escape, measuring static 2.0 cm diameter.

WEIGHT

N/A

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.3 cm in length x 0.48 cm width at the caudal pole.

INTERPRETED BY

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The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.7 cm in length x 0.71 cm width at the caudal pole.

IMAGING PERFORMED BY

Kelly Vazquez

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Animal Paradise
Hospital

Liver

The liver exhibited potential for mild enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. ElShafie

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

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5/23/22

Gastrointestinal



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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.

SPECIES

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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.

Pancreas

BREED

Pit Bull Terrier

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

Neutered Male

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

10 Years

ULTRASONOGRAPHIC FINDINGS

- Static mild chronic renal changes with probable right kidney cyst
- Mild vacuolar hepatopathy pattern- benign

WEIGHT

N/A

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The previously noted indistinct to discreet right kidney nodule was still present and appears to be most consistent with a renal cyst as opposed to less likely potential for a static nonspecific nodule upon recheck and further evaluation. Given the lack of progression, continued periodic sonographic monitoring would be reasonable. Correlation with further renal staging to include culture and sensitivity and baseline UPC could be considered.

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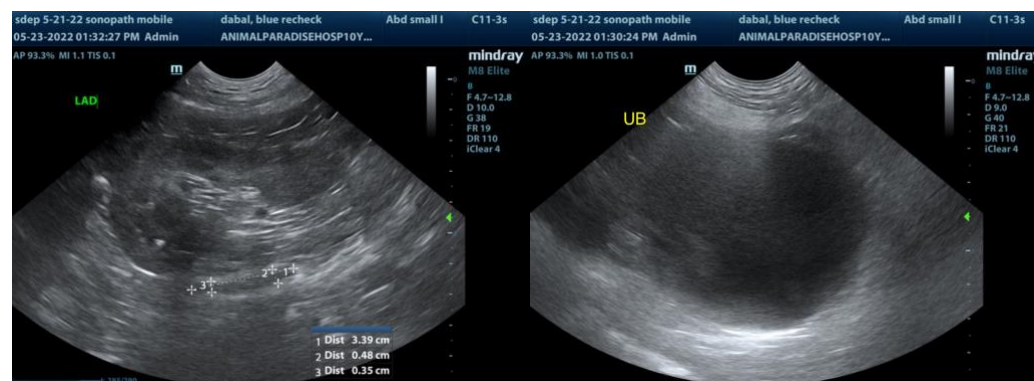
Dr. ElShafie

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SPECIES

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BREED

Pit Bull Terrier

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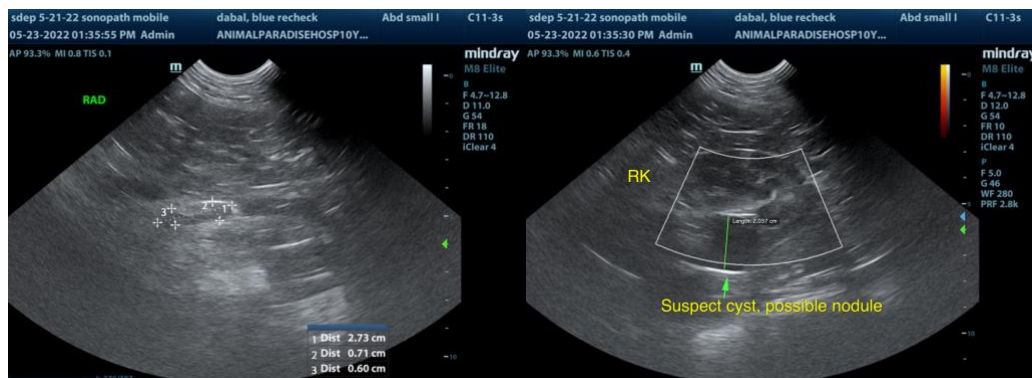
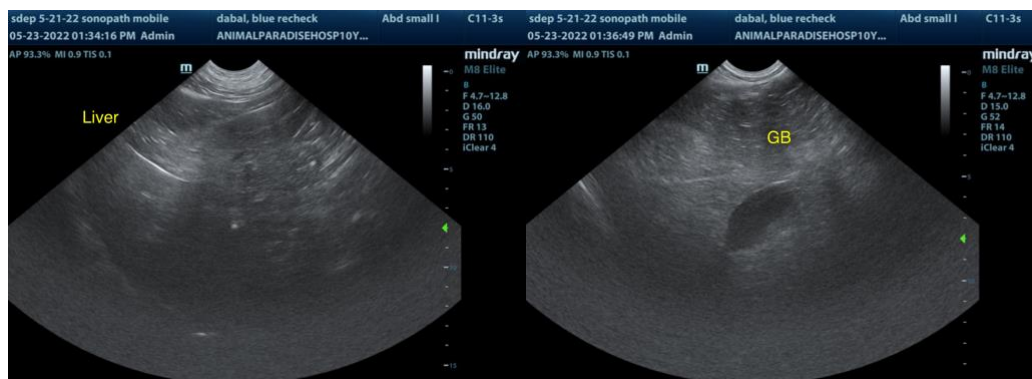
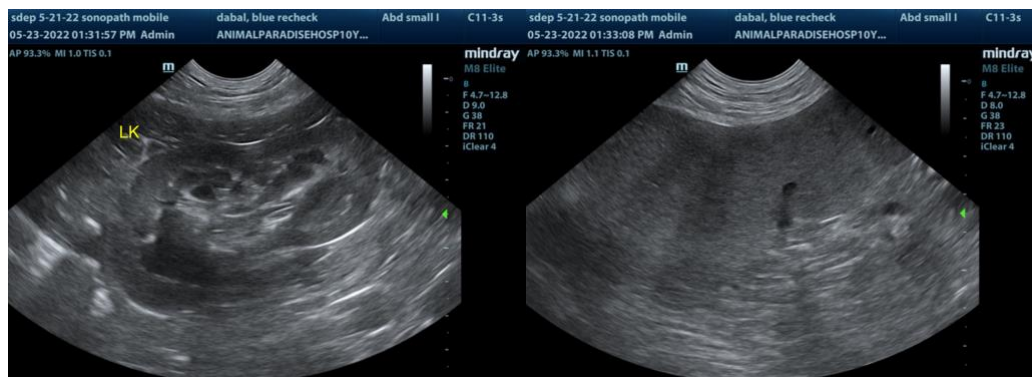
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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