



PATIENT

Sandy Rodriguez

PRESENTING CLINICAL SIGNS

History: elevated anxiety, hiding, pacing; hx of cushings; splenomegaly

Abnormal PE/Chem/CBC/UA Results: nsf

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Lab Mix

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.

SEX

FS

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 to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.6cm in length. The right kidney measured 8.2 cm in length.

AGE

13 yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

96.5 lb

The left adrenal gland was uniform in size with mild asymmetrical contour with a subtle nonhomogeneous parenchyma. The left adrenal gland measured 0.53 cm width at the caudal pole and 3.8 cm length. The right adrenal gland was indistinctly visualized yet exhibited potential for minor mid to cranial enlargement with mild nonhomogeneous parenchyma. No overt evidence of neoplastic criteria.

INTERPRETED BY

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

Spleen

The spleen exhibited a moderately sized nonhomogeneous mildly cystic mass measuring approximately 6-7 cm in diameter. The spleen not involved with the mass exhibited mild parenchyma heterogeneity with concurrent separate nondisruptive nodules, an example measuring 1.0 cm in diameter

IMAGING PERFORMED BY

Diane McFadden

Liver

HOSPITAL NAME

Roackway Animal
Hospital

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. Intermittent isoechoic nondisruptive intraparenchymal nodules were present an example measuring 4.1 cm. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. Maniar

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

INVOICE

10949ag

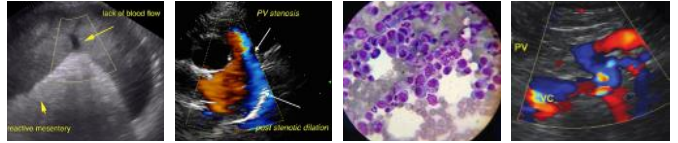
Gastrointestinal

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.

DATE

06/24/2022

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.



PATIENT

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

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Pancreas

SPECIES

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.

Canine

Free Abdomen

BREED

No omental masses, overt lymphadenopathy or peritoneal effusion/hemoabdomen was present.

Lab Mix

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

SEX

ULTRASONOGRAPHIC FINDINGS

FS

- Nonhomogeneous to cystic splenic mass
- Hepatic parenchyma remodeling with intermittent intraparenchymal nodules
- Mild gallbladder debris (non-mucocele)
- Mild chronic renal changes

AGE

13 yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

The splenic mass is nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other).

96.5 lb

The hepatic changes may indicate age related remodeling with areas of hyperplasia, hematopoiesis, granuloma or neoplastic changes. Assuming no evidence of pathology on three view chest radiographs, a splenectomy with gross inspection of the liver with hepatic biopsies could be considered. No overt evidence of perisplenic or omental neoplastic criteria.

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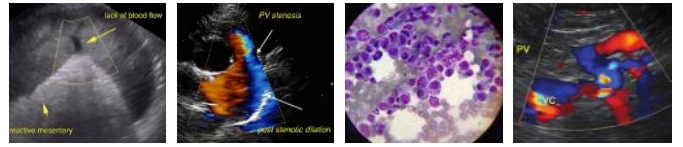
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Lab Mix

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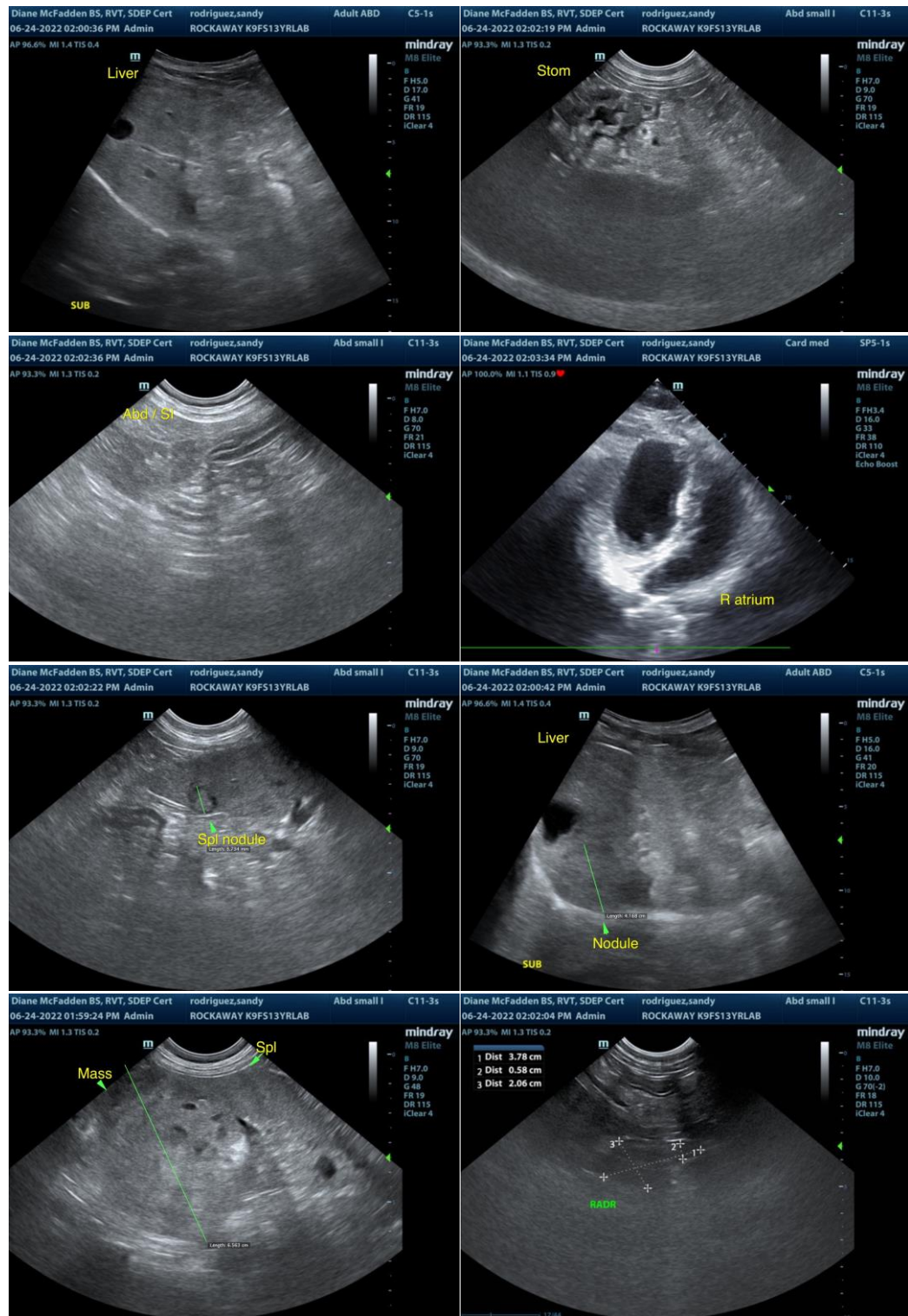
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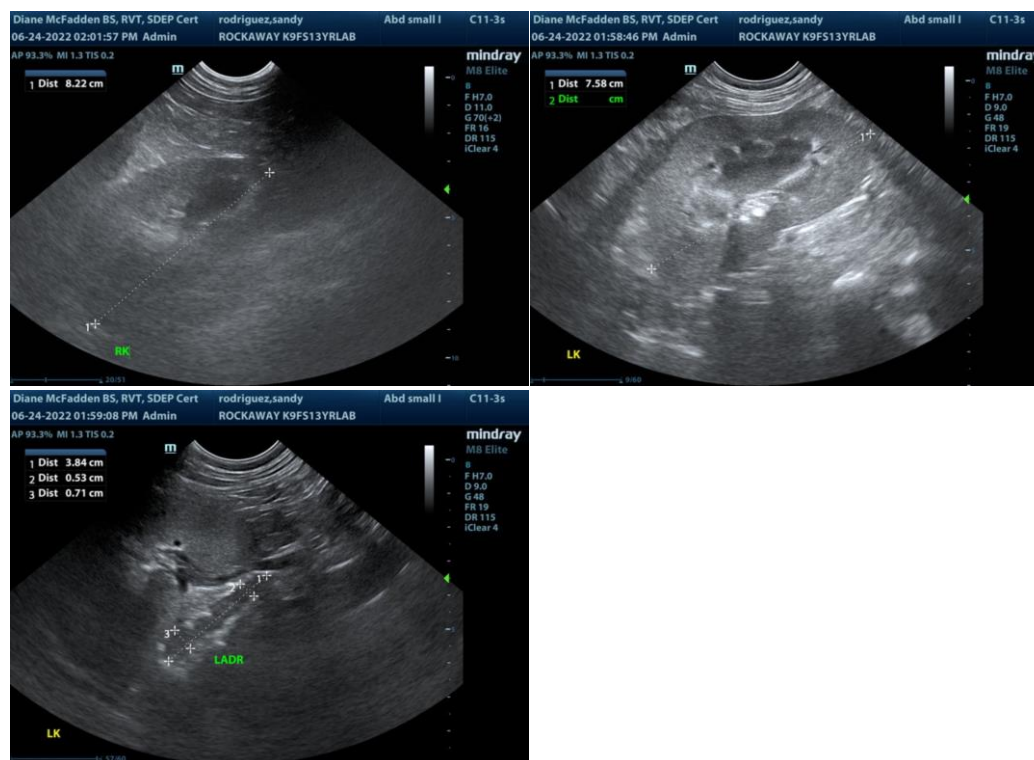
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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