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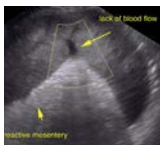
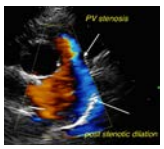
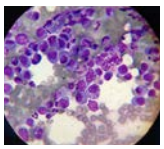
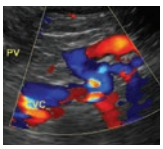

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1-800-838-4268 info@sonopath.com

PATIENT
Adora Ionita

SPECIES
Canine

BREED
Terrier X

SEX
Spayed Female

AGE
13 Years 4 Months

WEIGHT
71.8 Pounds

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

IMAGING PERFORMED BY
Dr. Rivera

HOSPITAL NAME
DPC Vet Hospital

REFERRING VET
Dr. Rivera

INVOICE
38878

DATE
6/18/22

PRESENTING CLINICAL SIGNS

PET WAS PRESENT 6/1/22 FOR PAINFUL IN HINDLEGS/ BLOOD WORK WAS DONE. RESULTS IN AND RECOMMENDED ABD AUS
Abnormal PE/Chem/CBC/UA Results: LABS DONE 6/1/22 1) CBC: MONO 1196 (130-1150) 2) CHEM: GGT 58 (0-13) 3) TT4: 1.4 (1.0-4.0) OWNER STATED TODAY AT DROP OFF FOR AUS THAT PET IS HAVING ACCIDENTS IN HOUSE UA OBTAINED UA (cysto): SG 1.012, BLD 25Ery/uL, WBC< 1/hpf, RBC <1/hpf, no bacteria or crystals present.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra (indistinctly visualized) to a depth of 2.0 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.

No evidence of pathology including noevidence of medial iliac or sublumbar lymphadenopathy in the area of the iliac trifurcation.

A moderately sized, non-homogeneous, solid left kidney mass was noted, measuring approximately 5-6 cm in diameter. The discernable left kidney exhibited moderate loss of corticomedullary border demarcation. No overt evidence of pyelectasia or left retroperitoneal free fluid. Overall the left kidney measured approximately 7.9 cm in diameter.

Normal size and margination were present in the right kidney. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. No evidence of masses. The right kidney measured 7.1 cm.

Adrenal Glands

The left adrenal gland was not definitively visualized.

The right adrenal gland was indistinctly visualized without overt evidence of pathology, subjectively measuring 0.81 cm at the caudal pole.

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.

Liver

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. 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.

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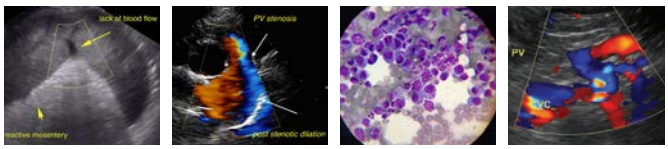

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Gastrointestinal

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 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

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.

Free Abdomen

No evidence of omental lymphadenopathy or peritoneal free fluid.

ULTRASONOGRAPHIC FINDINGS

- Solid left kidney mass – neoplastic criteria favored, although sampling is required for further assessment.
- Right kidney mild chronic renal changes
- Sonographically unremarkable urinary bladder

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status and using 25-gauge needle, ultrasound guided FNA of the left kidney mass is recommended for screening cytology. No obvious evidence of perinephric or peritoneal metastasis. 3-view chest radiographs recommended. If no evidence of thoracic pathology, left nephrectomy +/- oncology consult, pending cytology (if elected), could be considered.

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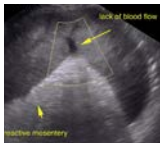
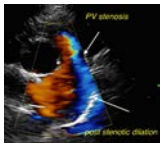
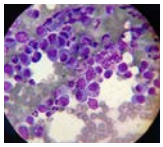
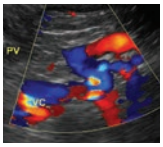

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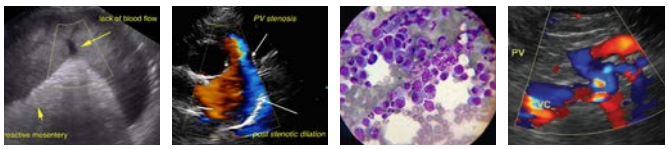

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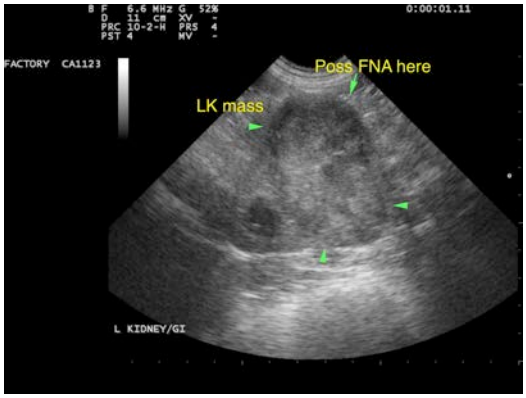

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

info@SonoPath.com