SonoPath
Clinical Sonography & Telecytology
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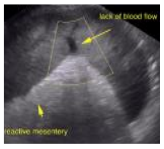
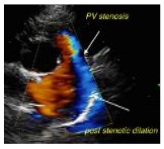
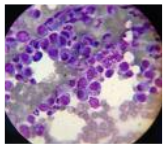
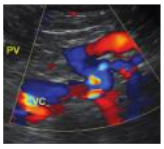





SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Molly Zeek

SPECIES

Canine

BREED

Labrador Mix

SEX

Spayed Female

AGE

2 Years

WEIGHT

40.5 Lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Carlos Abdul-Chani

HOSPITAL NAME

Byram AH

REFERRING VET

Dr. Carlos Abdul-Chani

INVOICE

12846

DATE

12/7/21

PRESENTING CLINICAL SIGNS

History: Urinary Incont. - No response to Incurin and /or Phenylprop. Current meds: Incurin SID ; Proin 50 mgs SID
Abnormal PE/Chem/CBC/UA Results: ALL NORMAL Urinalysis : Normal S.G. = 1.030

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder exhibited normal size, subjective structure and tone. No evidence of inflammatory mural criteria. Anechoic urine was present without evidence of sediment or calculi. The area of at least one visualized ureteral papilla was subjectively normal, including potential associated ureter in the location of the ureteral papilla. Although not definitive, potential mild dilation of the distal ureter at the level of the ureteral papilla is possible. The cystourethral junction extending into the proximal urethra was sonographically unremarkable with subjective mild decreased proximal urethral tone. No evidence of regional inflammation noted around the urinary bladder or proximal urethra. Aortic trifurcation was normal.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pyelectasia or overt pyelonephritis. The left kidney measured 5.4 cm in length. The right kidney measured 5.5 cm in length.

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 0.69 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.4 cm in length x 0.70 cm width at the caudal pole.

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.

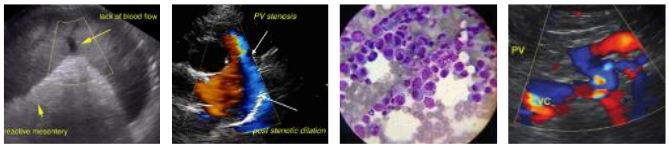
Liver

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.

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.



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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

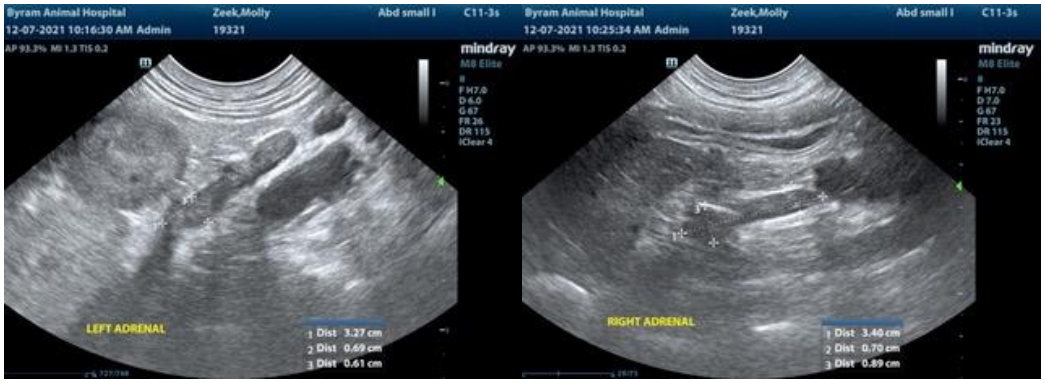
No overt lymphadenopathy or peritoneal effusion was present.

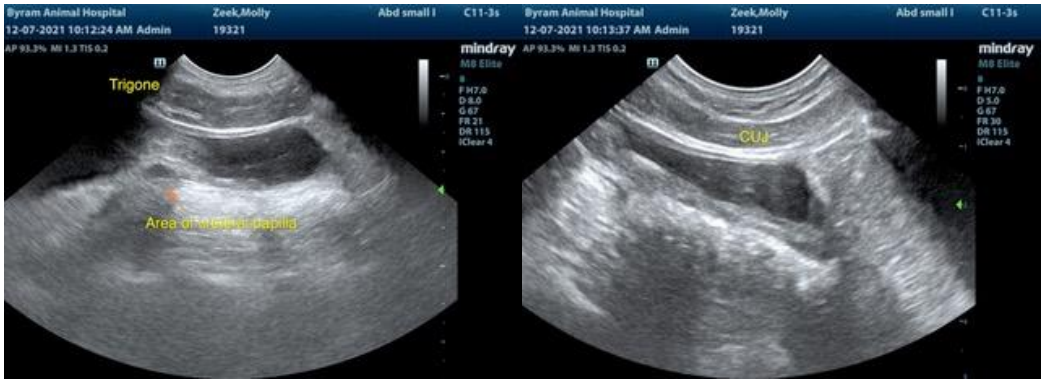
ULTRASONOGRAPHIC FINDINGS

- Overtly normal urinary bladder in size and tone
- Mild subjective decreased proximal urethral tone
- Sonographically unremarkable bilateral kidneys, no overt pyelectasia/pyelonephritis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

An obvious or definitive congenital abnormality, specifically an ectopic ureter, was not overtly evident in the study. However, the possibility of a small congenital abnormality such as a small ectopic ureter cannot be definitively excluded given the patients history, especially if incontinence has been an ongoing issue with this patient. Definitive assessment may include contrast study or cystoscopy for gross visualization of the bilateral ureteral papilla. Continued Incurin at appropriate dose with potential BID dosing of Proin (assuming normal blood pressure) may prove beneficial. Although urinalysis was unremarkable, urine culture and sensitivity on sterile urine sample may be considered to rule out underlying infection.





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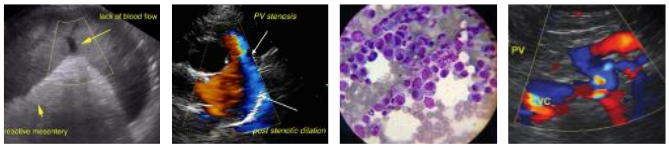

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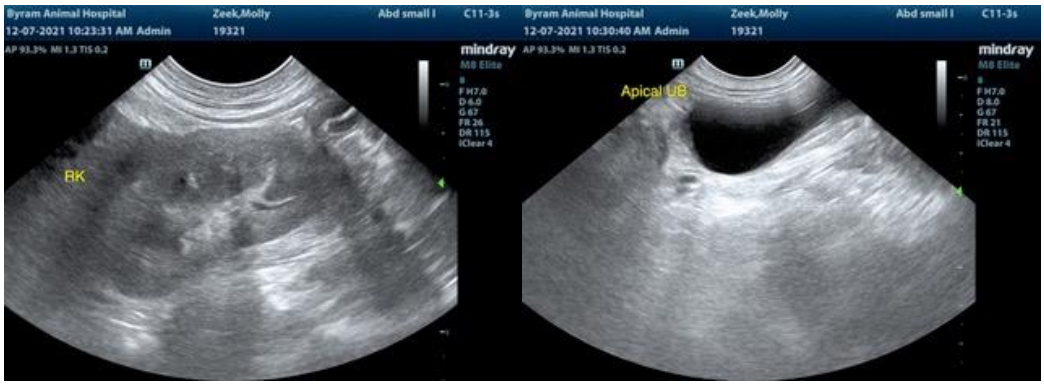

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com