



PATIENT PRESENTING CLINICAL SIGNS

Crook Hopkins
History: Has been seen at a different clinic for UTI symptoms. Inappropriate urination and whining licking at vulva / rectum area. Has not been spayed. Previous Clinic has Rxed several rounds of different antibiotics currently on Cefpodoxime 50 mg daily and still having symptoms. Said their ultrasound showed an inflamed bladder. She is very sensitive around the tail/anal/vulva area.

SPECIES

Canine
Abnormal PE/Chem/CBC/UA Results: U/A performed in clinic -- Numerous WBC, RBC, Cocci bacteria (Cysto via U/S) C & S taken and has been sent off at the time of u/s today

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Corgi
Urinary System

SEX
The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.

FI

AGE
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 pelvic dilation. The left kidney measured 4.5 cm in length. The right kidney measured 5.2 cm in length.

6 months

WEIGHT

21 lb
The area of the aortic trifurcation was free of pathology.

No overt pathology in the area of the uterus or the left and right ovary.

INTERPRETED BY Adrenal Glands

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm width at the caudal pole and 0.37 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.55 cm width at the caudal pole and 0.59 cm width at the cranial pole.

IMAGING PERFORMED BY Spleen

Garry Gotfredson
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.

HOSPITAL NAME
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.

Buffalo Veterinary Clinic

REFERRING VET Liver

Dr. Garry Gotfredson
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.

INVOICE Gastrointestinal

10840ag
The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained echogenic, nonshadowing ingesta likely consistent with post prandial presentation without signs of obstruction or foreign material.

DATE

06/17/2022



PATIENT

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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.

SPECIES

Pancreas

Canine

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.

BREED

Free Abdomen

Corgi

No overt lymphadenopathy or peritoneal effusion was present.

SEX

FI

Within the mid abdomen a suspected ectopic kidney exhibiting discernable corticomedullary architecture and subjective 1:3 corticomedullary ratio was visualized. This kidney was smaller than the visualized L/R kidneys measuring approximately 2.8 cm in length.

AGE

6 months

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable urinary bladder and proximal urethra
- Overtly normal visualized uterus
- Normal bilateral kidneys- no evidence of underlying nephritis or congenital abnormalities
- Suspect probable mid abdominal ectopic kidney

WEIGHT

21 lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

No obvious lower urinary tract pathology including no evidence of congenital abnormalities such as ectopic ureter. Assessment of the vulva and vaginal vault for evidence of abnormalities which may predisposed to ascending infection could be considered. Correlation with pending urine C/S is recommended. The clinical significance of the probable mid abdominal ectopic kidney is unclear. If recurrent documented UTI advanced imaging i.e. excretory urography or abdominal CT with contrast may be indicated. If spay is elected, gross assessment of the bilateral ureters as well as the probable mid abdominal ectopic kidney could be considered.

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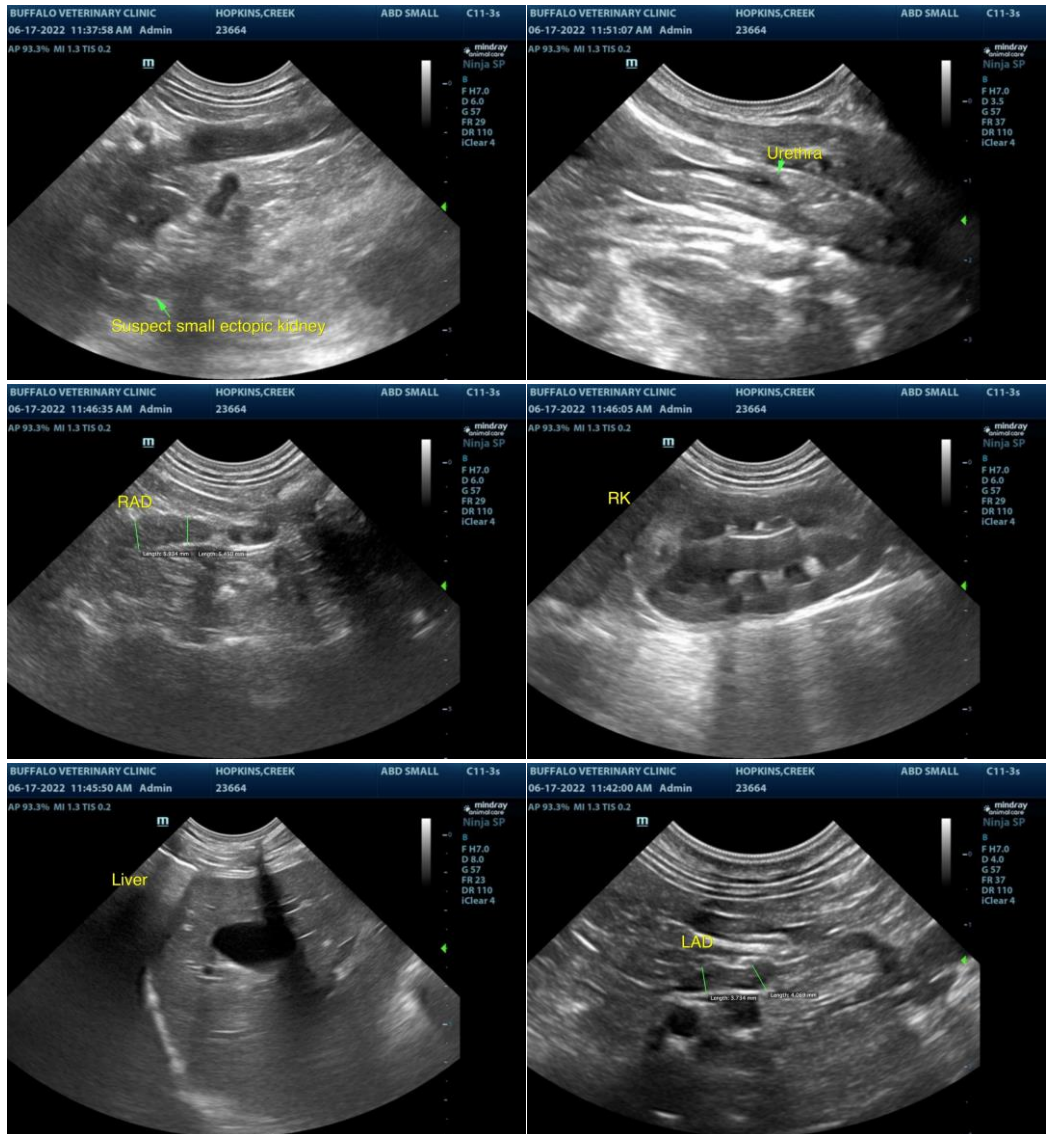
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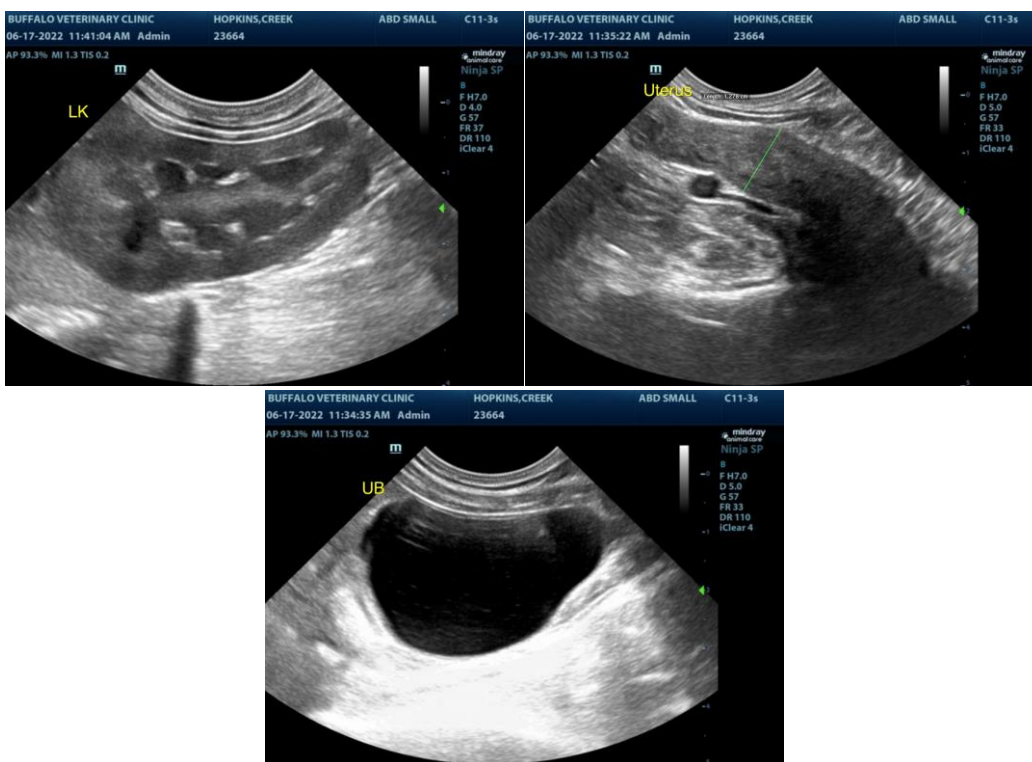
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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