



**PATIENT PRESENTING CLINICAL SIGNS**

Maible Dixon

History: Incontinence and leaking of urine since birth. Ectopic ureters?

Abnormal PE/Chem/CBC/UA Results: Please see attached rads

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

**Urinary System**

Standard Poodle

The urinary bladder presented mildly distended with anechoic urine and normal subjective tone. No sediment or calculi were visualized. The ventral apical to dorsal apical wall exhibited mild homogeneous thickening without evidence of mural mineralization measuring 0.4 cm in width. An indistinctly visualized small tubular structure in the area of the dorsal urinary bladder which appeared to bypass the area of the ureteral papilla potentially into the area of the trigone and proximal urethral measuring 0.2 cm in diameter was present. The proximal urethra was not definitively visualized owing to patient confirmation.

**SEX**

Female

**AGE**

6 months

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 5.1 cm in length. The right kidney measured 5.0 cm in length.

**WEIGHT**

14 kg

The area of the aortic trifurcation was free of pathology.

No evidence of pathology associated with the uterus or bilateral ovaries.

**INTERPRETED BY**

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

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.53 cm width at the caudal pole and 0.47 cm width at the cranial pole. The right adrenal gland was not distinctly visualized without overt pathology subjectively measuring 0.38 cm at the caudal pole.

**IMAGING PERFORMED BY**

Crystall Hill

**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.

**HOSPITAL NAME**

Buck Animal Hospital

**REFERRING VET**

Dr. Galbraith

**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.

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**DATE**

04/01/2022



**PATIENT** *Gastrointestinal*

Maible Dixon The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate progressively shadowing ingesta with no signs of ileus, obstruction or foreign material.

**SPECIES**

Canine 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.

**BREED**

Standard Poodle 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.

**SEX**

Female **Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

**AGE**

6 months

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

14 kg

- Mild cystitis pattern.
- Suspect ectopic ureter.
- Overtly normal bilateral kidneys-no evidence of pyelectasia/pyelonephritis.

**INTERPRETED BY**

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DVM, DABVP  
(Canine and Feline)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Although not definitive, an ectopic ureter is suspected in this patient given the clinical signs including consistent incontinence since birth, familial history and subjective presence of indistinctly visualized yet suspicious tubular structure dorsal to the urinary bladder. A urine C/S on a sterile urine sample is recommended if not recently done. Further assessment which may include cystoscopy or gold standard CT with contrast is recommended.

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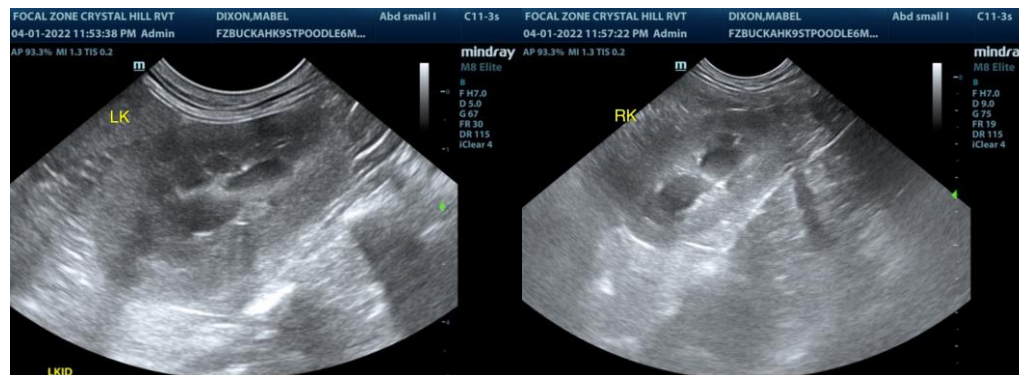
Dr. Galbraith

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**PATIENT**

Maible Dixon

**SPECIES**

Canine

**BREED**

Standard Poodle

**SEX**

Female

**AGE**

6 months

**WEIGHT**

14 kg

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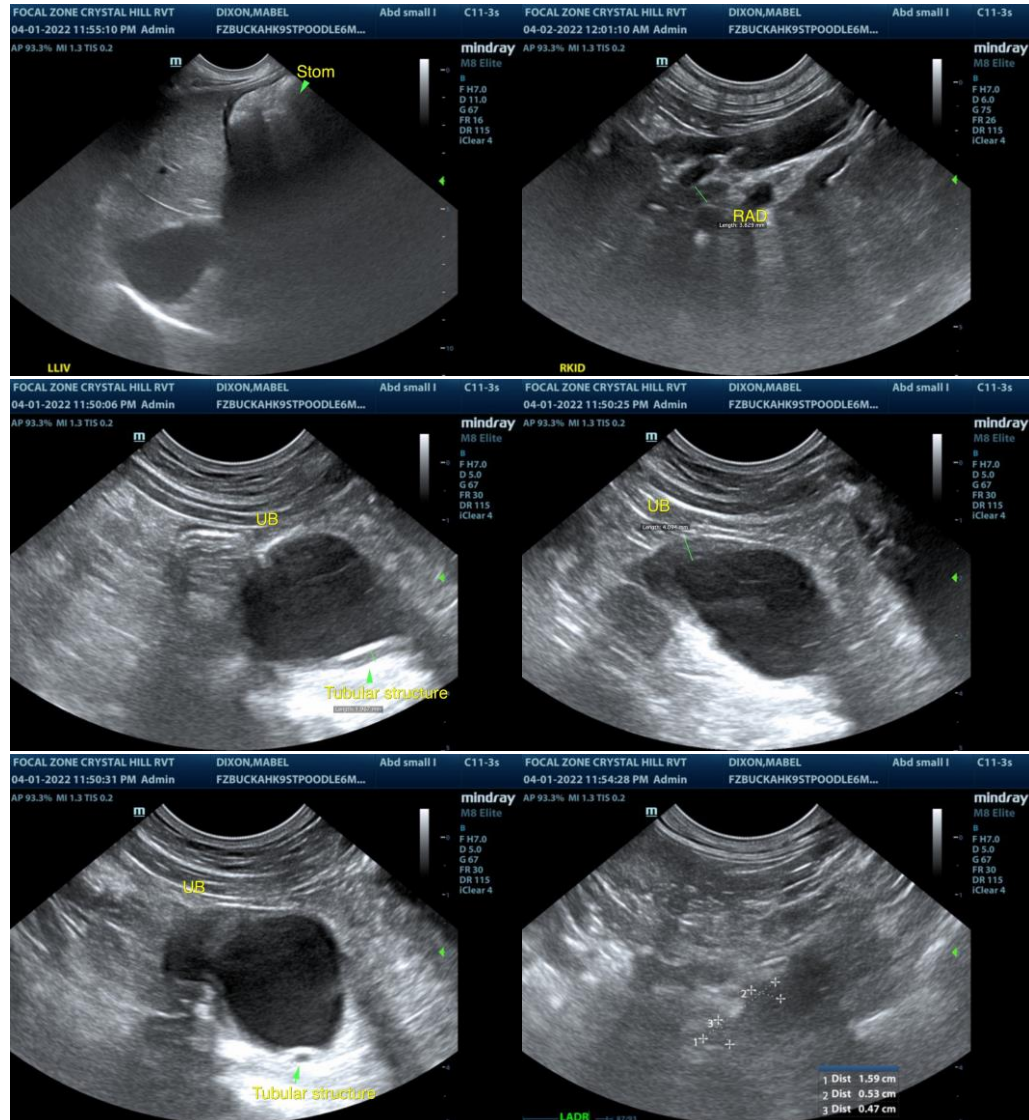
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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