

PATIENT PRESENTING CLINICAL SIGNS

Mickey Connors History: Chronic UTI's, no response to medical management

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The urinary bladder exhibited moderate generalized distention. Fluid distention extended into the cystourethral junction with concurrent moderate proximal urethral urine distention to a depth of 5.0 cm. The proximal urethra width measured 1.9 cm. No overt evidence of proximal urethra visualized obstructive calculi or other proximal urethra pathology. Anechoic urine was present in the lumen with no uroliths, sediment or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No overt evidence of inflammatory or neoplastic mural criteria was noted.

SEX
 Neutered Male

AGE Sonographic assessment of the penis revealed generalized, mildly nonhomogeneous penile thickening surrounding the os penis. In some locations, the os penis was indistinctly visualized. Penile thickness measured 2.1 - 2.2 cm diameter.

6 years The area of the aortic trifurcation was free of pathology.

WEIGHT A visualized medial Iliac lymph node exhibited normal size, position, shape, and echogenicity with normal width to length ratio (<0.5), measuring 0.36 cm in width.

51.7 Pounds

INTERPRETED BY

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

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomodullary 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 6.6 cm in length. The right kidney measured 6.2 cm in length.

IMAGING Adrenal Glands

PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.62 cm width at the caudal pole and 0.49 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 0.43 cm width at the caudal pole and 0.51 cm width at the cranial pole.

HOSPITAL NAME

Leighton AH

Spleen

REFERRING VET

Dr. Mriss

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. The spleen exhibited subjective mild generalized enlargement.

INVOICE

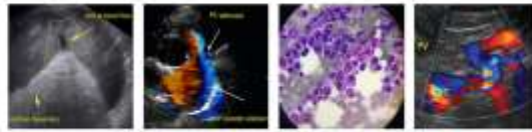
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Liver/ Gallbladder

DATE

8.12.2021

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



PATIENT

Mickey Connors

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

SPECIES

Canine

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.

BREED

Pitbull

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.

SEX

Neutered Male

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 were evident.

AGE

6 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

51.7 Pounds

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Distended urinary bladder and visible proximal urethra
- Thickened penis
- Sonographically unremarkable bilateral kidneys
- Subjective, nonspecific splenomegaly

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The urine distended bladder and visible proximal urethra are suggestive of urine outflow obstruction without evidence of inflammatory or neoplastic urinary bladder or proximal urethra changes, as well as no overt evidence of lower urinary tract calculi. The obstruction to urine outflow is suspected to be associated with the thickened penis. Inflammatory or possible neoplastic etiologies associated with the thickened penis are possible.

IMAGING PERFORMED BY

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ARDMS/RVT

HOSPITAL NAME

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REFERRING VET

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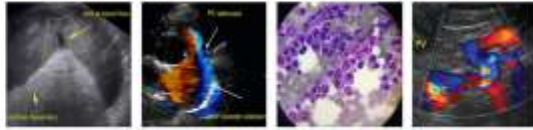
Further assessment may include advanced imaging such as contrast urography or CT +/- biopsy. The subjective splenomegaly was nonspecific with considerations including benign changes such as hyperplasia, hematopoiesis, patient variant, or incidental splenitis. The potential for splenic neoplasia is considered a less likely differential diagnosis. If persistent splenomegaly or if clinically indicated and assuming normal clotting status, splenic FNA using a 25-gauge needle may be considered primarily to assure only benign changes are present.

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SPECIES

Canine

BREED

Pitbull

SEX

Neutered Male

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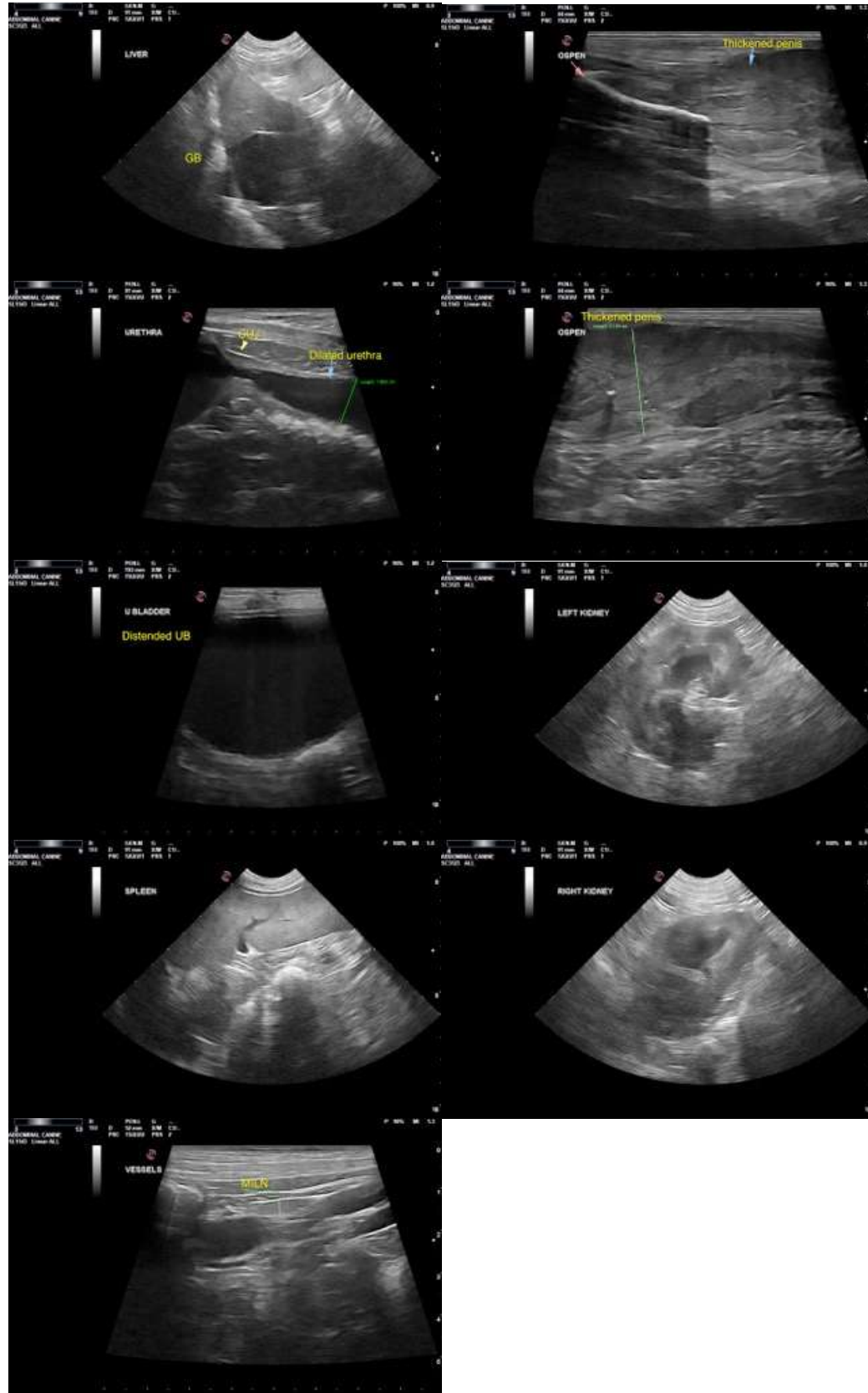
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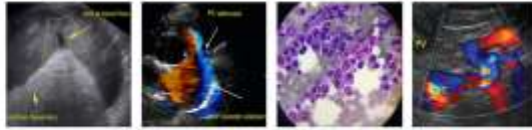
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Mickey Connors

SPECIES

Canine

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.

BREED

Pitbull

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.

SEX

Neutered Male

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

AGE

6 years

WEIGHT

51.7 Pounds

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