



PATIENT PRESENTING CLINICAL SIGNS

Sadie Baird History: Leaking urine
 Medication: Cranberry Supplement

SPECIES Negative urine culture. UA - USG 1.022, pH 7.5, RBC 11-20, WBC 0-1. 11-20 struvite crystals, negative protein.
 Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Pitbull The urinary bladder exhibited normal thickness and tone. The proximal urethra was indistinctly visualized owing to pelvic shadowing artifact. 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 an abnormal tubular structure in the area of the ureteral papillae, cystourethral junction, or visible proximal urethra.

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 5.6 cm. The right kidney measured 6.2 cm.

WEIGHT

32 Pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.33 cm at the cranial pole and 0.40 cm at the caudal pole. The right adrenal gland measured 0.60 cm at the cranial pole and 0.41 cm at the caudal pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

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.

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr.

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.

INVOICE

26334

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.

DATE

10.15.2021



PATIENT *Pancreas*

Sadie Baird 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.

SPECIES *Other*

Canine The bilateral ovaries and uterus were sonographically unremarkable.

BREED **ULTRASONOGRAPHIC FINDINGS**

- Pitbull
- Subjectively normal urinary bladder, no overt ectopic ureter
 - Sonographically unremarkable bilateral kidneys – no evidence of pyelectasia or pyelonephritis

SEX **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Female An obvious ectopic ureter was not evident in this study. However, given the history of leaking urine, if consistent or persistent, as well as lack of underlying infection, a small ectopic ureter (which may be difficult to visualize using ultrasound) cannot be definitively excluded. If urine leaking persists, consideration for additional imaging such as contrast urography or cystoscopy should be considered.

AGE

6 months

WEIGHT

32 Pounds

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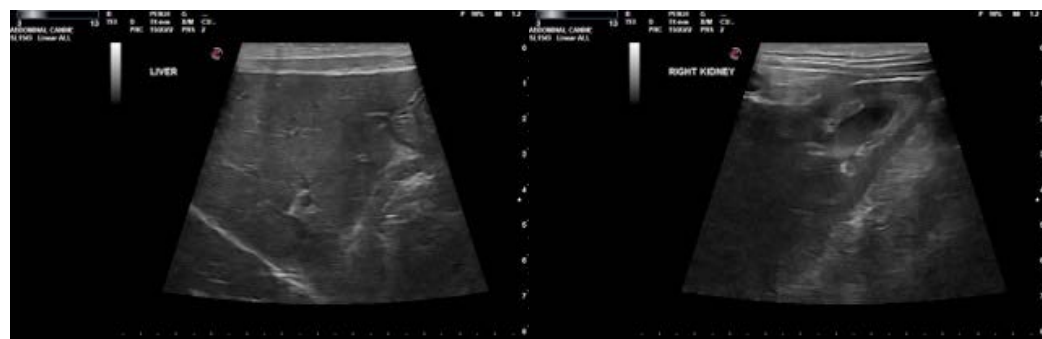
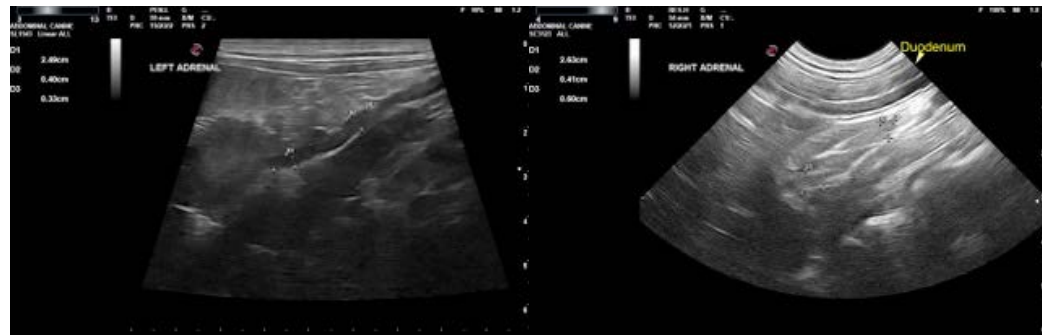
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PATIENT

Sadie Baird

SPECIES

Canine

BREED

Pitbull

SEX

Female

AGE

6 months

WEIGHT

32 Pounds

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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.

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