

PATIENT PRESENTING CLINICAL SIGNS

Lila Follett History UTI/ pyelonephritis in past. Cultured e coli that was resistant to multiple antibiotics- only sensitive to Meropenem or Zosyn. Gave Meropenem SQ for 10 day . History chronic azotemia. Creatinine 1.2; BUN 31; SDMA 13; ALP 186; USG 1.008; cultured negative.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Rottweiler

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

SEX

No evidence of pathology in the area of the aortic trifurcation.

FS

Normal size was present in the right kidney. The left kidney presented mildly subnormal in size compared to the right kidney. A normal 1:3 cortex / medulla ratio was maintained. Both kidneys exhibited mild asymmetrical margination and mild to moderate loss of corticomedullary border demarcation with moderate pyelectasia as well as subtle evidence of retroperitoneal inflammation exhibited by mild increase retroperitoneal echogenicity noted around both kidneys. The left kidney measured 6.7 cm in length. The right kidney measured 7.8 cm in length.

AGE

6 Years

WEIGHT

155 lbs

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.50 cm width at the caudal pole and 0.46 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 0.48 cm width at the caudal pole and 0.43 cm width at the cranial 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

Pamela Harrigan, RDCS

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

Wood River Animal
 Hospital

REFERRING VET

Casey Schuelke, DVM

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

48917

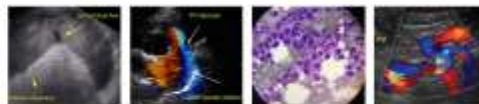
The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

DATE

12-10-21

Pancreas



PATIENT

Lila Follett

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

Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

Rottweiler

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic pyelonephritis pattern with minor retroperitoneal reactivity / inflammation.
- Sonographically unremarkable urinary bladder.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

FS

Even though most recent urine culture was negative, serial monitoring of urine culture and sensitivity as well as renal parameters recommended. Initiation of conservative CKD therapy which may include dietary therapy as well as baseline upc warranted. Monitoring of systemic blood pressure recommended.

AGE

6 Years

Recheck sonogram recommended if increasing evidence of azotemia to assess for progressive chronic to inflammatory renal changes.

WEIGHT

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 DABVP (Canine and
 Feline)

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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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