



PATIENT PRESENTING CLINICAL SIGNS

Bertie McCullough History: irregular sized kidney noticed on rads

SPECIES Abnormal PE/Chem/CBC/UA Results:

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Minor particulate urinary bladder sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted. Aortic trifurcation was normal.

DSH

SEX

Spayed Female

Normal size and margination were present in the left kidney. 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 3.9 cm in length.

AGE

6 Years

The right kidney was subnormal in size with mild pyelectasia. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. The right kidney measured 2.4 cm in width.

WEIGHT

10 Pounds

Adrenal Glands

INTERPRETED BY

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm width

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

No overt pathology in the area of the right adrenal gland.

IMAGING

PERFORMED BY

Kelly Reschny

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. The spleen measured 0.62 cm in diameter.

HOSPITAL NAME

AH of Stoney Creek

Liver

REFERRING VET

Dr. Ozimak

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

12895

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.

DATE

9/1/21

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.



PATIENT

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

Bertie McCullough

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.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

BREED

DSH

- Subnormal right kidney with moderate to marked chronic degenerative changes and minor pyelectasia

SEX

Spayed Female

- Sonographically unremarkable left kidney

- Minor particulate urinary bladder sediment-minor cellular or crystalline debris suspected

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

6 Years

The presentation of the right kidney may indicate progressed to advanced chronic renal disease, chronic non-specific nephritis dysplasia or other. Functionality of the right kidney is highly questionable, yet the left kidney appears to be sonographically unremarkable. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

WEIGHT

10 Pounds

INTERPRETED BY

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

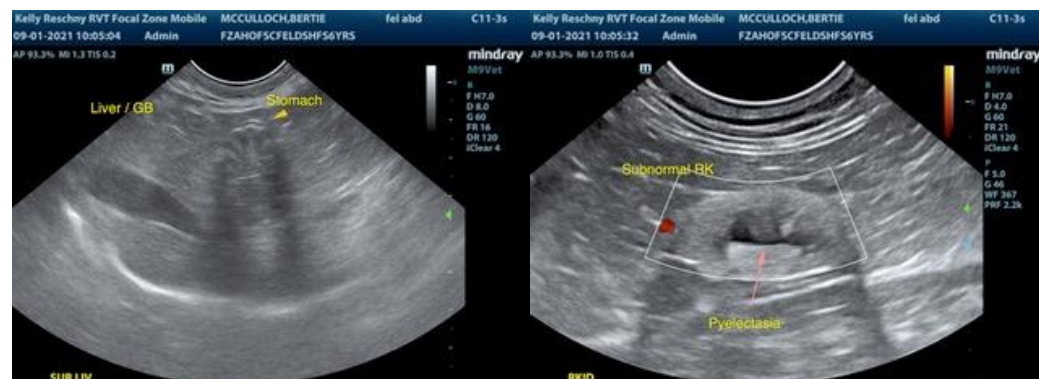


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HOSPITAL NAME

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REFERRING VET

Dr. Ozimak

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PATIENT

Bertie McCullough

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

6 Years

WEIGHT

10 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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