



PATIENT PRESENTING CLINICAL SIGNS

Baldr Horowitz Dribbling urine, bad odor, previous prostatic hyperplasia prior to neuter

SPECIES USG 1.020 Blood 4+ Protein 2+ RBC TNTC occ epithelial cells WBC 10-20 per high power field Rods 4+ Cocci 2+ UPC 1.6

Canine **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

BREED *Urinary System*

Mastiff The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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

MN

AGE

2014

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. A small thinly walled cyst was present at the left kidney caudolateral corticomedullary border. Possible discrete isoechoic mildly expansive nodule present in the cranio-lateral right kidney with possible subtle distortion of the associated renal capsule measuring 2.2 cm in diameter. The left kidney measured 9.4 cm in length. The right kidney measured 9.5 cm in length.

WEIGHT

205

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate was normal in size and contour exhibited full involution compared to the previous study without evidence of parenchymal mineralization measuring 1.9 cm in diameter. The visible post prostatic urethra exhibited subjective normal tone and structure to a depth of 4 cm.

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 0.78 cm width at the caudal pole and 3.0 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.65 cm width at the caudal pole and 3.1 cm length.

IMAGING PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

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

Maple Hills VH

REFERRING VET

Banzhof

Liver/Gallbladder

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

12752ag

Gastrointestinal

DATE

01/23/2023



PATIENT

Baldr Horowitz

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.

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.

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

Pancreas

BREED

Mastiff

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

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

MN

ULTRASONOGRAPHIC FINDINGS

AGE

2014

- Sonographically unremarkable urinary bladder, residual prostate and proximal urethra with complete prostatic involution
- Mild chronic renal changes with small left kidney cyst, possible isoechoic right kidney cortical nodule

WEIGHT

205

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

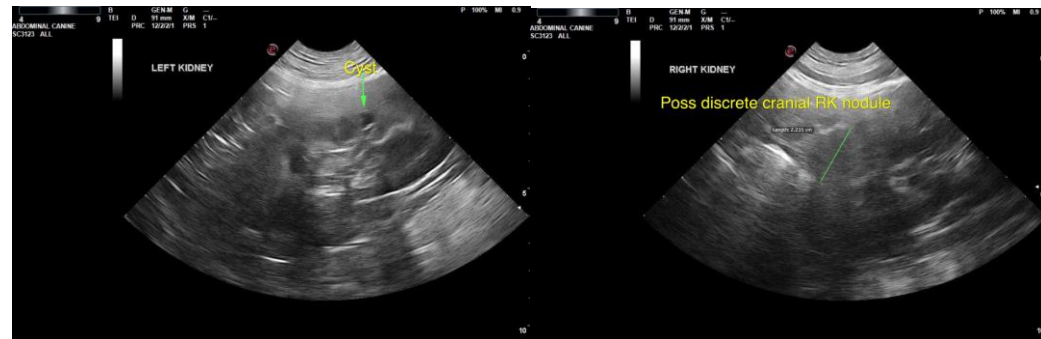
R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

A urine C/S on a sterile urine sample recommended if not done. No obvious evidence of lower urinary tract pathology was present in this study. No evidence of urinary bladder, urethral or residual prostatic neoplasia as an obvious cause of the patient's incontinence. Depending upon urinary pattern and degree of urine dribbling, reflex dyssynergia may be a consideration.

Sonographic reassessment of the possible cranialateral right kidney cortical nodule potentially under sedation for further definition and assessment of progression is recommended in 4 weeks if possible.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT



HOSPITAL NAME

Maple Hills VH

REFERRING VET

Banzhof

INVOICE

12752ag

DATE

01/23/2023



PATIENT

Baldr Horowitz

SPECIES

Canine

BREED

Mastiff

SEX

MN

AGE

2014

WEIGHT

205

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

REFERRING VET

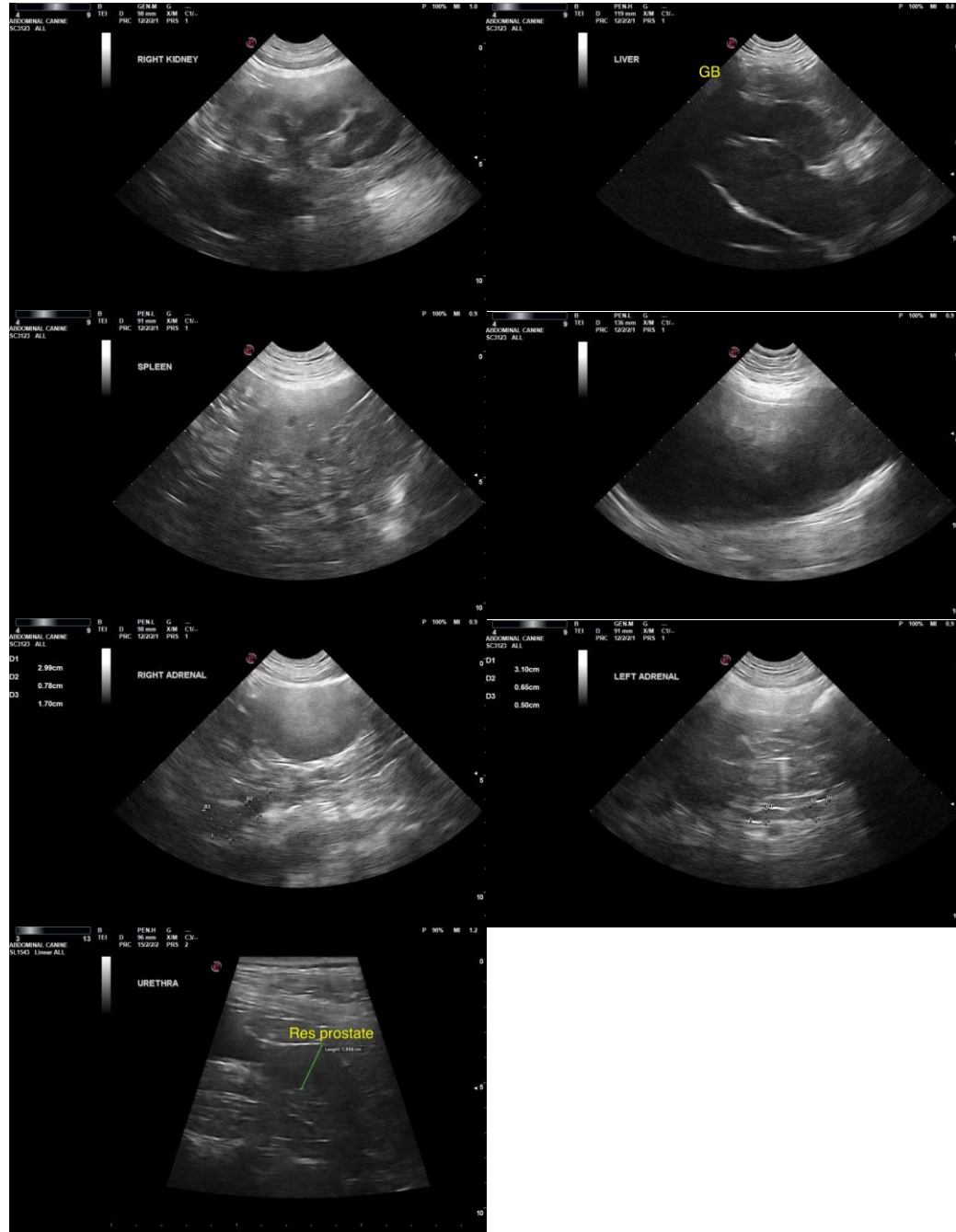
Banzhof

INVOICE

12752ag

DATE

01/23/2023



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)
mac.daniel@sonopath.com



PATIENT

Baldr Horowitz

SPECIES

Canine

BREED

Mastiff

SEX

MN

AGE

2014

WEIGHT

205

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

REFERRING VET

Banzhof

INVOICE

12752ag

DATE

01/23/2023