



**PATIENT PRESENTING CLINICAL SIGNS**

Toby McAuley History: FNA of left anal gland area showed "probable apocrine gland carcinoma", US to check for mets.  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED**

Husky X

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. The residual prostate was normal, measuring 0.83 cm width.

**SEX**

Neutered Male

No evidence of pathology in the area of the aortic trifurcation, including no evidence of medial iliac or sublumbar lymphadenopathy

**AGE**

11 Years

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 mild increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.1 cm in length. The right kidney measured 8.0 cm in length.

**WEIGHT**

41 kg

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.7 cm length x 0.90 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.5 cm length x 0.93 cm width 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**

Kelly Reschny

**HOSPITAL NAME**

Chippawa AH

**Liver**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

**REFERRING VET**

Dr. Dowell

**Gastrointestinal**

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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**

9/15/21

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.

Toby McAuley

**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**

Canine

**Free Abdomen**

**BREED**

Husky X

No evidence of omental masses, lymphadenopathy or peritoneal effusion. The labeled area of the left anal sac revealed subjective mass effect, measuring approximately 2.0 cm x 1.8 cm, exhibiting non-homogenous parenchyma.

**SEX**

Neutered Male

**ULTRASONOGRAPHIC FINDINGS**

- Mild age-related kidneys
- Minor benign hepatic parenchymal remodeling
- Mild gallbladder debris (non-mucocele)

**AGE**

11 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

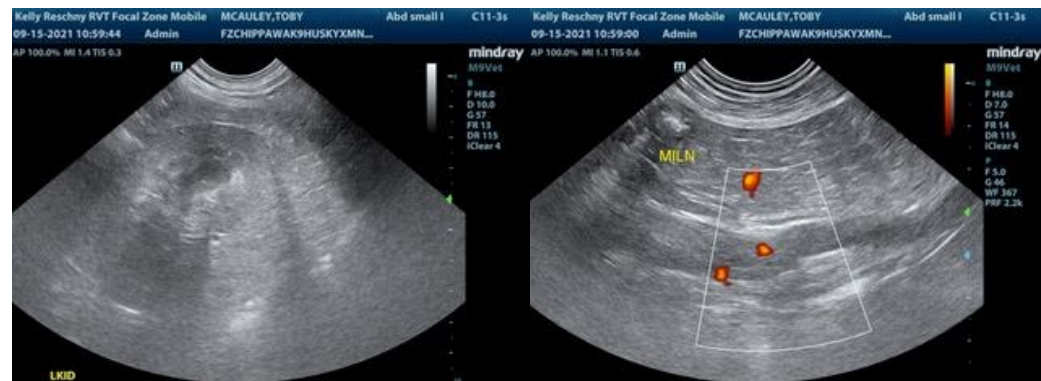
**WEIGHT**

41 kg

Largely geriatric abdomen without evidence of significant visceral pathology including no overt evidence of intraabdominal metastasis from probable anal sac adenocarcinoma.

**INTERPRETED BY**

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**PATIENT**

Toby McAuley

**SPECIES**

Canine

**BREED**

Husky X

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

41 kg

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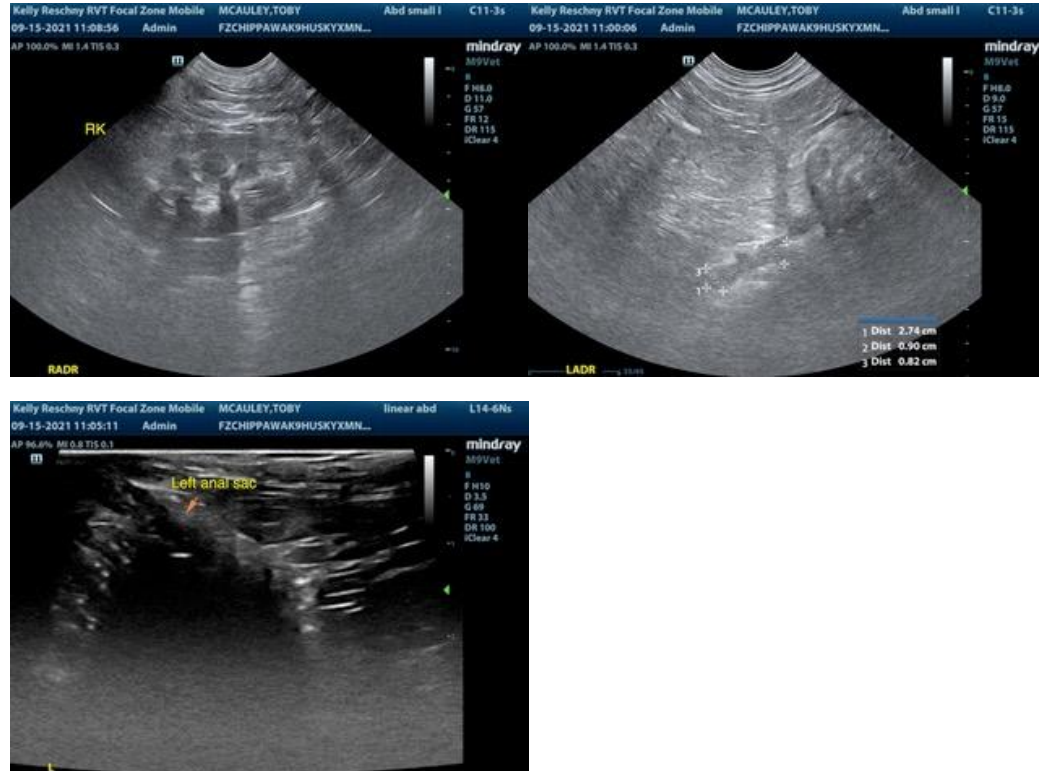
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
info@SonoPath.com