


PATIENT PRESENTING CLINICAL SIGNS

Rufus P Clark recheck, previous scan Apr 2021(report attached), diagnosed with anal sac carcinoma 1 year ago with mets to inguinal LN, concern for degree of progression. having trouble passing BM on lactulose and low residue diet

SPECIES Abnormal PE/Chem/CBC/UA Results: please see attached BW

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED *Urinary System*

Terrier X

The urinary bladder exhibited normal thickness and tone. The urethra appeared to be mildly displaced ventrally owing to the pelvic mass. Minor dependent mineral was present. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Neutered Male

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Non-obstructive medullary mineralization to small renoliths present. The right kidney presented a small cortical cyst. The left kidney measured 5.3 cm. The right kidney measured 5.4 cm.

AGE

10 Years

Adrenal Glands
WEIGHT

10.6 kg

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.0 cm length x 0.60 cm at the caudal pole. The right adrenal gland measured 2.3 cm length x 0.70 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

Kelly Reschny

Liver

The liver exhibited mild generalized enlargement. 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 thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

HOSPITAL NAME

Hawkins AH

REFERRING VET

Dr. Hawkins

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

26395

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

10/20/21



PATIENT

Pancreas

Rufus P Clark

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

Bilateral anal sac tumors were present, exhibiting non-homogeneous to subtly cystic parenchyma including evidence of left anal sac tumor mineralization. Left anal sac tumor measured approximately 4.0 cm in diameter. The right anal sac tumor measured approximately 3.5 cm in diameter.

BREED

Terrier X

A large, non-homogeneous progressive mass was noted in the area of the pelvic inlet adjacent to the iliac trifurcation and dorsal to the urinary bladder within the area of the medial iliac and sublumber lymph nodes, measuring approximately 11 cm diameter.

SEX

Neutered Male

No overt effusion.

ULTRASONOGRAPHIC FINDINGS

AGE

10 Years

- Progressive mass in the area of the pelvic inlet, medial iliac and sublumber lymph nodes
- Mild urinary bladder dependent mineral
- Bilateral chronic renal changes with non-obstructive medullary mineralization to small renoliths
- Mild hepatomegaly with mild parenchymal remodeling
- Sonographically unremarkable spleen

WEIGHT

10.6 kg

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Previously noted hepatic nodules were not definitively evident in this study. No overt evidence of hepatosplenic metastasis. However, the previously noted mass in the area of the iliac trifurcation and pelvic inlet appears to be aggressive compared to previous measurements and consistent with suspected medial iliac hypogastric or sublumber lymphatic metastasis owing to anal sac adenocarcinoma. Likely impingement upon the colon resulting in trouble passing stool. Sampling could be considered for further clarification. However, continued as needed sonographic monitoring would be reasonable. Recheck 3-view chest radiographs suggested if not recently done.

IMAGING PERFORMED BY

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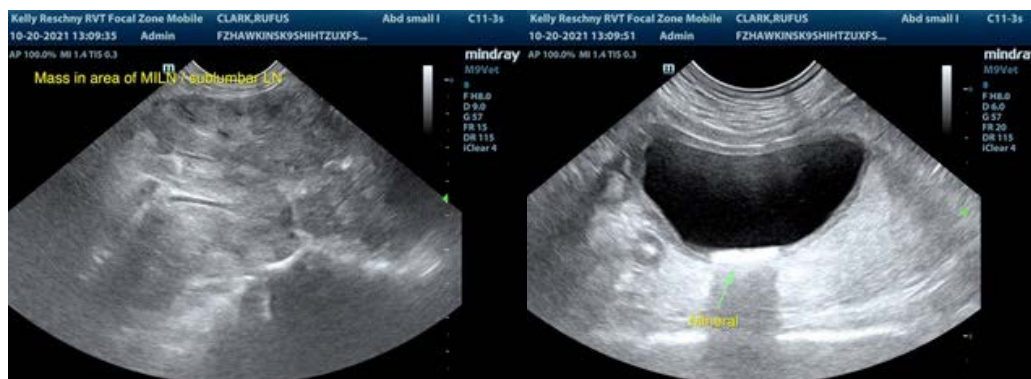
Dr. Hawkins

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PATIENT

Rufus P Clark

SPECIES

Canine

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SEX

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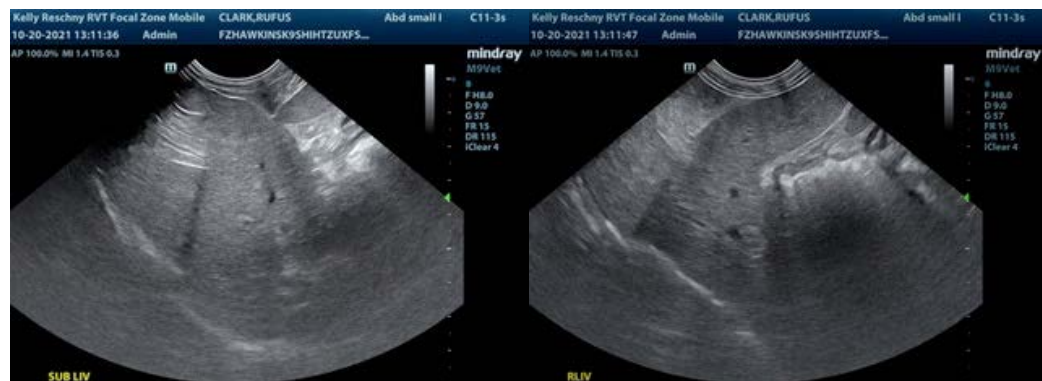
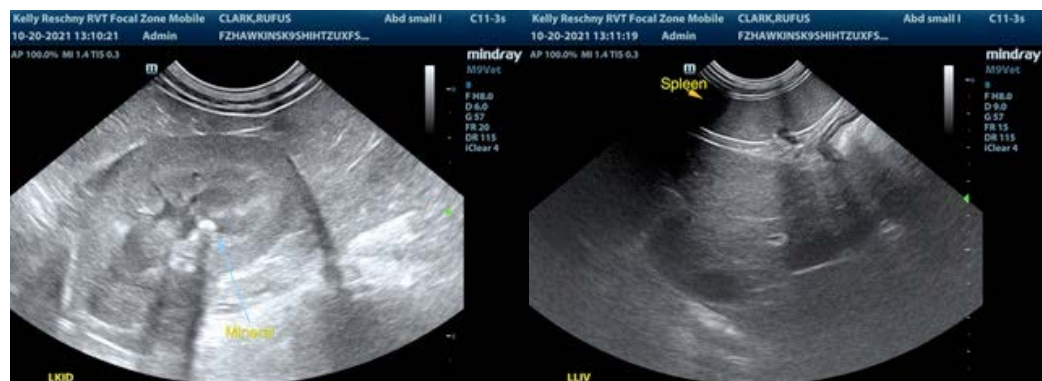
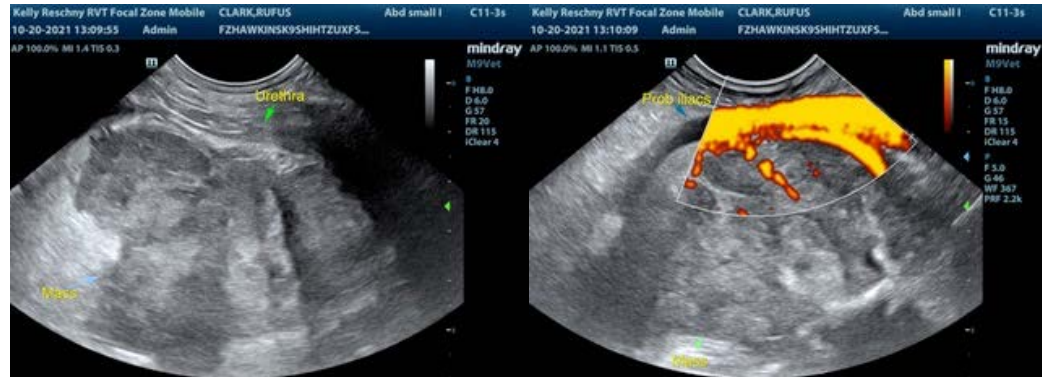
Dr. Hawkins

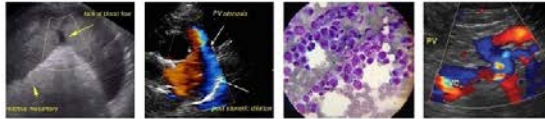
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PATIENT

Rufus P Clark

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.

SPECIES

Canine

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.

BREED

Terrier X

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

SEX

Neutered Male

AGE

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