

PATIENT

Tucker Rasmussen

PRESENTING CLINICAL SIGNS

History: Apocrine gland adenocarcinoma of left anal gland.
Abnormal PE/Chem/CBC/UA Results: Alkp 652

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shepherd Pit Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

The residual prostate was uniform and measured 0.96 cm.

AGE

14 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.09 cm. The left kidney measured 5.49 cm.

WEIGHT

Adrenal Glands

The right adrenal gland was slightly enlarged and mildly heterogenous. The right adrenal measured 2.74 x 1.07 cm at the cranial pole and 0.71 cm at the caudal pole. The left adrenal gland was slightly enlarged and mildly heterogenous measuring 2.37 x 1.0 cm at the cranial pole and 0.74 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself. This is a positional variant and is not pathological. There was no evidence of significant disease.

IMAGING PERFORMED BY

Jenn

Liver

HOSPITAL NAME

Chester AH

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Migliaccio

INVOICE

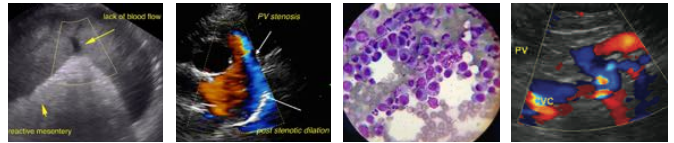
91212

Gastrointestinal

DATE

8/13/21

Some fluid filled **gastric** lumen was noted. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



PATIENT

Pancreas

Tucker Rasmussen

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SPECIES

Canine

Anal Gland.

BREED

Shepherd Pit Mix

The right anal gland was uniform and empty measuring 0.5 cm. The left anal gland was enlarged, irregular and mineralized. The left anal gland was poorly margined and measured approximately 1-1.5 cm.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Mild, bilateral adrenal enlargement. Slight irregular contour to the left adrenal gland.

AGE

14 years

Otherwise, the abdomen revealed geriatric changes.

WEIGHT

There was no evidence of metastatic disease. Serial blood pressure measurements are warranted to assess for hypertension related to the adrenal presentation. . If the urine specific gravity is less than 1.020 and the patient appears Cushingoid then work-up for PDH/Cushing's is indicated. Surgical removal of the left anal gland is warranted. However, aggressive resection is recommended given the ill-defined margins. There was no evidence of metastatic disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Chester AH

REFERRING VET

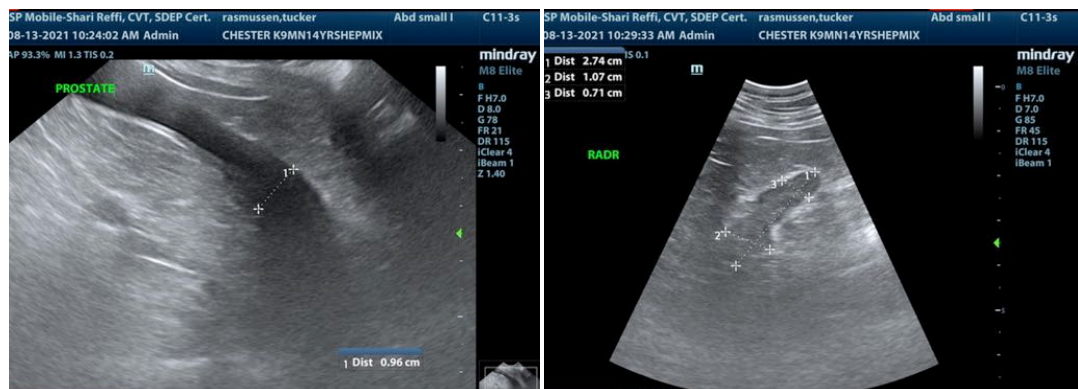
Dr. Migliaccio

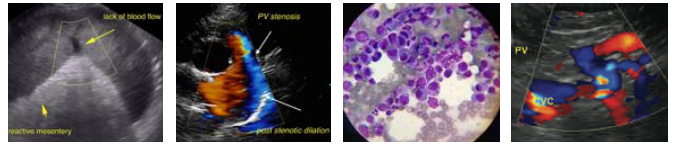
INVOICE

91212

DATE

8/13/21





PATIENT

Tucker Rasmussen

SPECIES

Canine

BREED

Shepherd Pit Mix

SEX

Neutered male

AGE

14 years

WEIGHT

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Chester AH

REFERRING VET

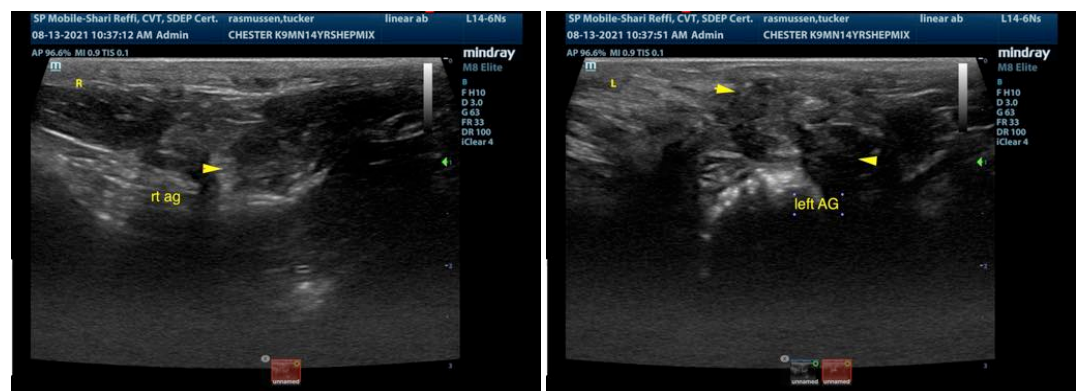
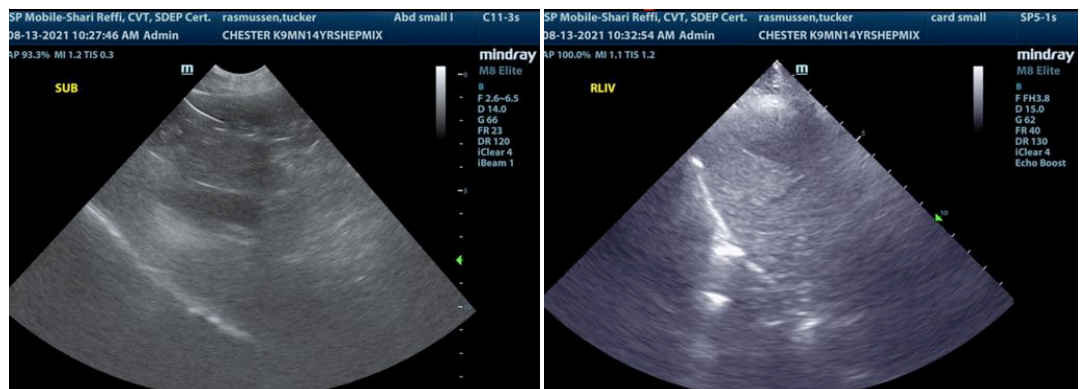
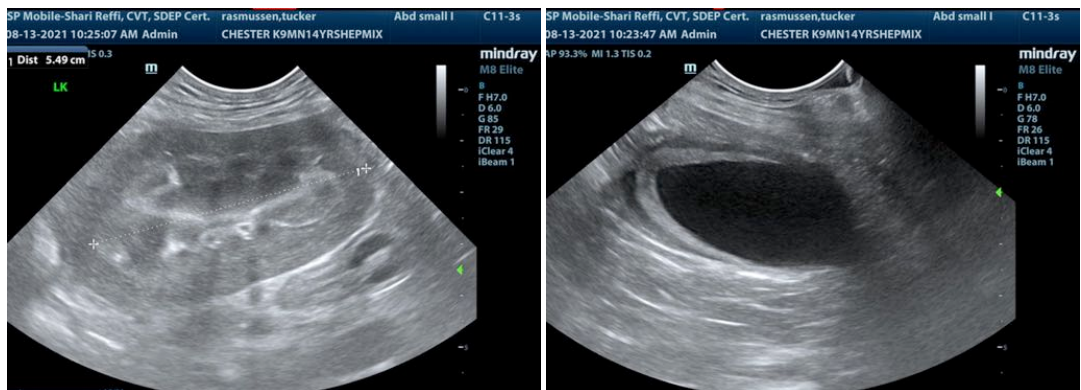
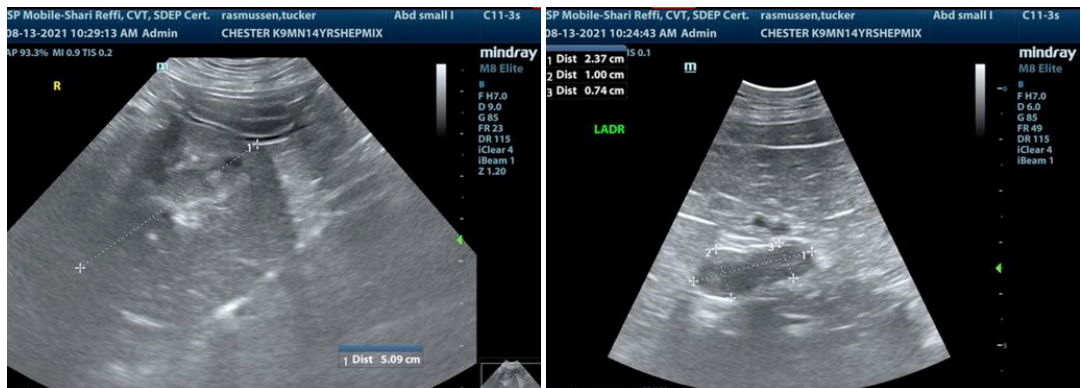
Dr. Migliaccio

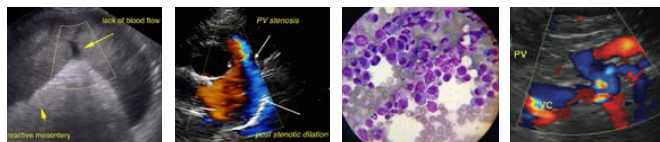
INVOICE

91212

DATE

8/13/21





PATIENT

Tucker Rasmussen

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.

SPECIES

Canine

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

BREED

Shepherd Pit Mix

SEX

Neutered male

AGE

14 years

WEIGHT

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jenn

HOSPITAL NAME

Chester AH

REFERRING VET

Dr. Migliaccio

INVOICE

91212

DATE

8/13/21