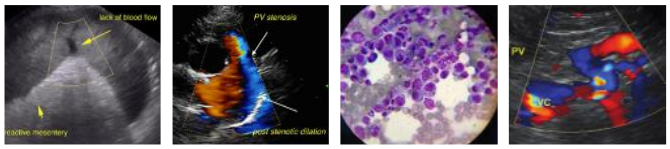
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™




SonoPath.com
1-800-838-4268 info@sonopath.com

**PATIENT**
Saxon Kirby

**SPECIES**
Canine

**BREED**
Mixed

**SEX**
Neutered Male

**AGE**
9 Years

**WEIGHT**
54 Lbs.

**INTERPRETED BY**
Eric Lindquist, DMV DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**
Diane McFadden

**HOSPITAL NAME**
American AH

**REFERRING VET**
Dr. Stockmal

**INVOICE**
13357

**DATE**
1/10/22

## PRESENTING CLINICAL SIGNS

History: wt loss, subjective PU/PD, left anal gland, firm and irregular- mass?. On pred 20 mg bid.

Abnormal PE/Chem/CBC/UA Results: Ca 16.3, PTHrP=0, PTH <0.5: UA pH 6, sed quiet, USPG 1.013

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. Slight pyelectasia was noted in the left kidney. The right kidney measured 6.6 cm. The left kidney measured 6.65 cm.

### *Adrenal Glands*

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.43 cm x 0.55 cm at the caudal pole and 0.63 cm at the cranial pole. The right adrenal gland measured 2.75 cm x 2.33 cm at the cranial pole and 1.02 cm at the caudal pole.

### *Spleen*

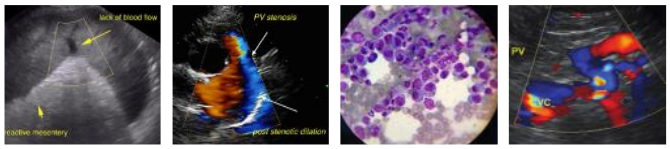
The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

### *Liver*

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

### *Gastrointestinal*

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

### *Pancreas*

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.

### *Free Abdomen*

An iliac **lymph node** mass (3 cm x 2.5 cm) was noted, strongly suggestive for metastatic disease. Other smaller sublumbar/iliac nodes were enlarged.

### *Other*

The **left anal gland** revealed a mineralized mass, measuring 2.35 cm with ill-defined margins.

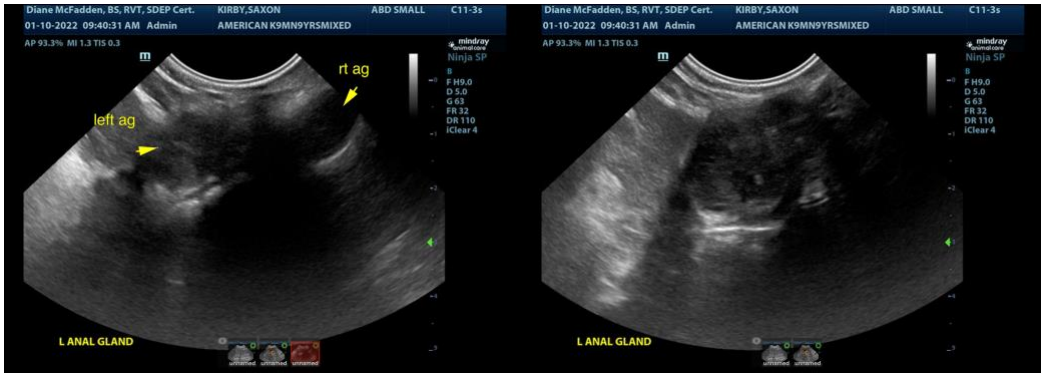
The **right anal gland** was unremarkable.

## ULTRASONOGRAPHIC FINDINGS

- Left anal gland mass
- Iliac lymphadenopathy
- Age-related renal changes with minor renal pyelectasia
- Age-related hepatic changes

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Strongly suggestive for metastatic anal gland carcinoma. Oncological consultation recommended. Guarded long-term prognosis.



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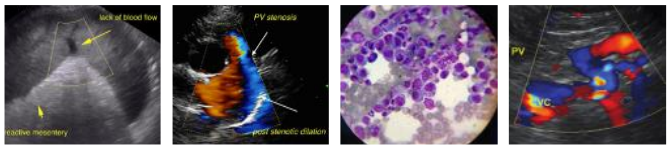

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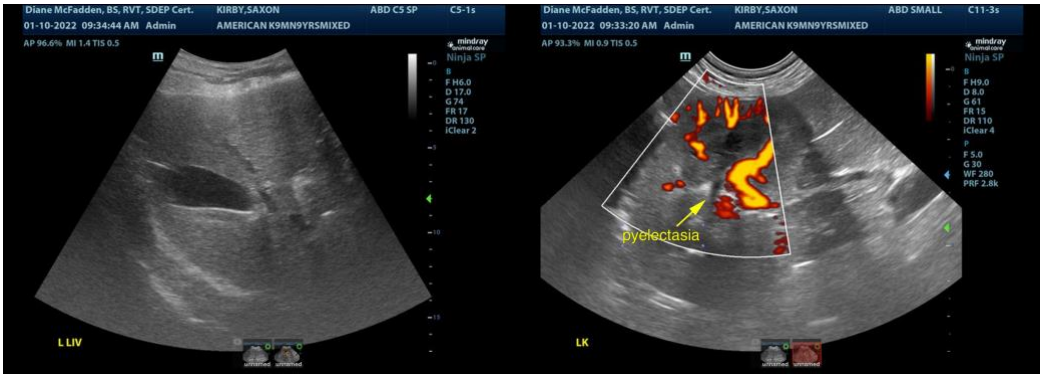


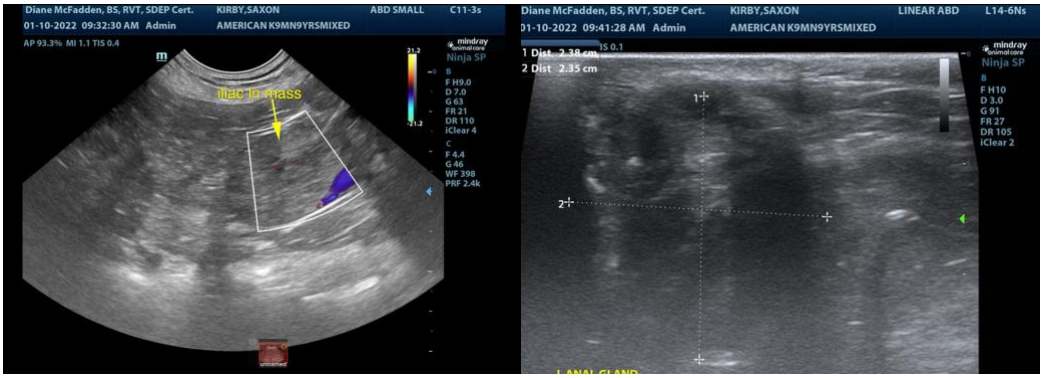


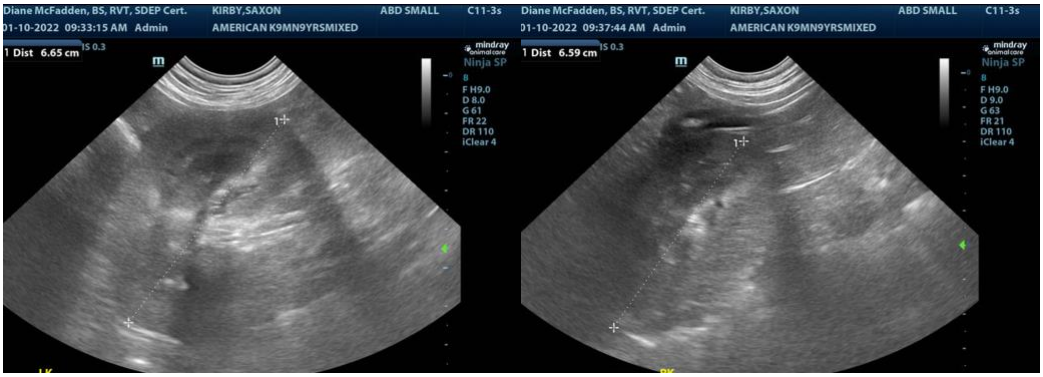

**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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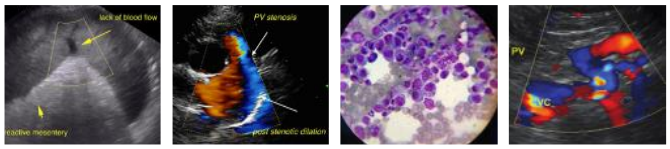


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Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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