

**DATE**

4/11/22

PRESENTING CLINICAL SIGNS

History: Anal gland tumor found by Maryland Mobile Vet 2/24/22. Requests surgery 4/12/22.

PATIENT

Sophie Denning

Current Medications: COntenia given 2/26/22.

Lab Results: 3/8/22 WNL.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

SPECIES

Canine

BREED

Cockapoo

SEX

Spayed Female

AGE

5/25/10

WEIGHT

29.75 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Hampstead VC

REFERRING VET

Dr. Weaver

INVOICE

14720

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 **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 left kidney measured 5.44 cm. The right kidney measured 5.74 cm with an anechoic cortical cyst at the caudal pole (0.73 cm).

Adrenal Glands

The **left adrenal gland** was mildly enlarged. The left adrenal gland measured 2.52 cm x 0.8 cm at the caudal pole and 0.78 cm at the cranial pole, uniform.

The **right adrenal gland** measured the upper limits of normal size, measuring 2.6 cm x 0.92 cm at the cranial pole and 0.69 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 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

The left **anal gland** measured 2.22 cm with a 1.1 cm anechoic lumen. The right anal gland revealed an expansive, irregular, mineralizing mass, measuring 5.24 cm, appears to be encapsulated.

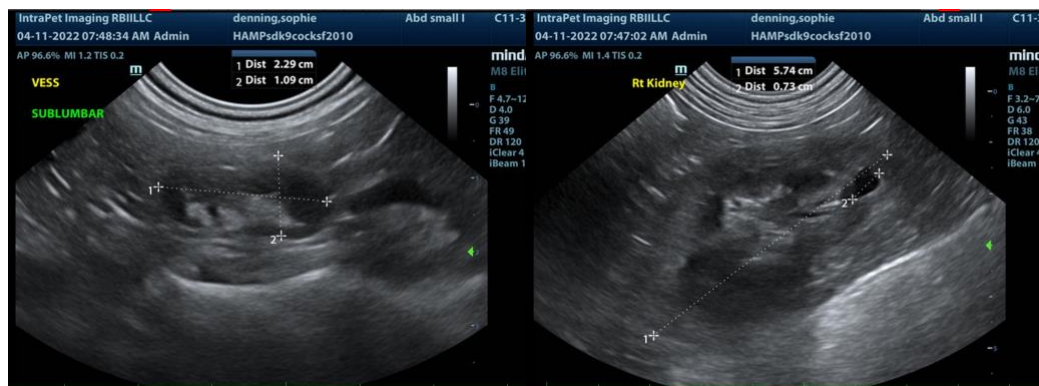
An **iliac lymph node** was enlarged, nodular and heterogeneous, measuring 2.3 cm x 1.09 cm. Given the anal gland pathology, metastatic disease is a strong potential.

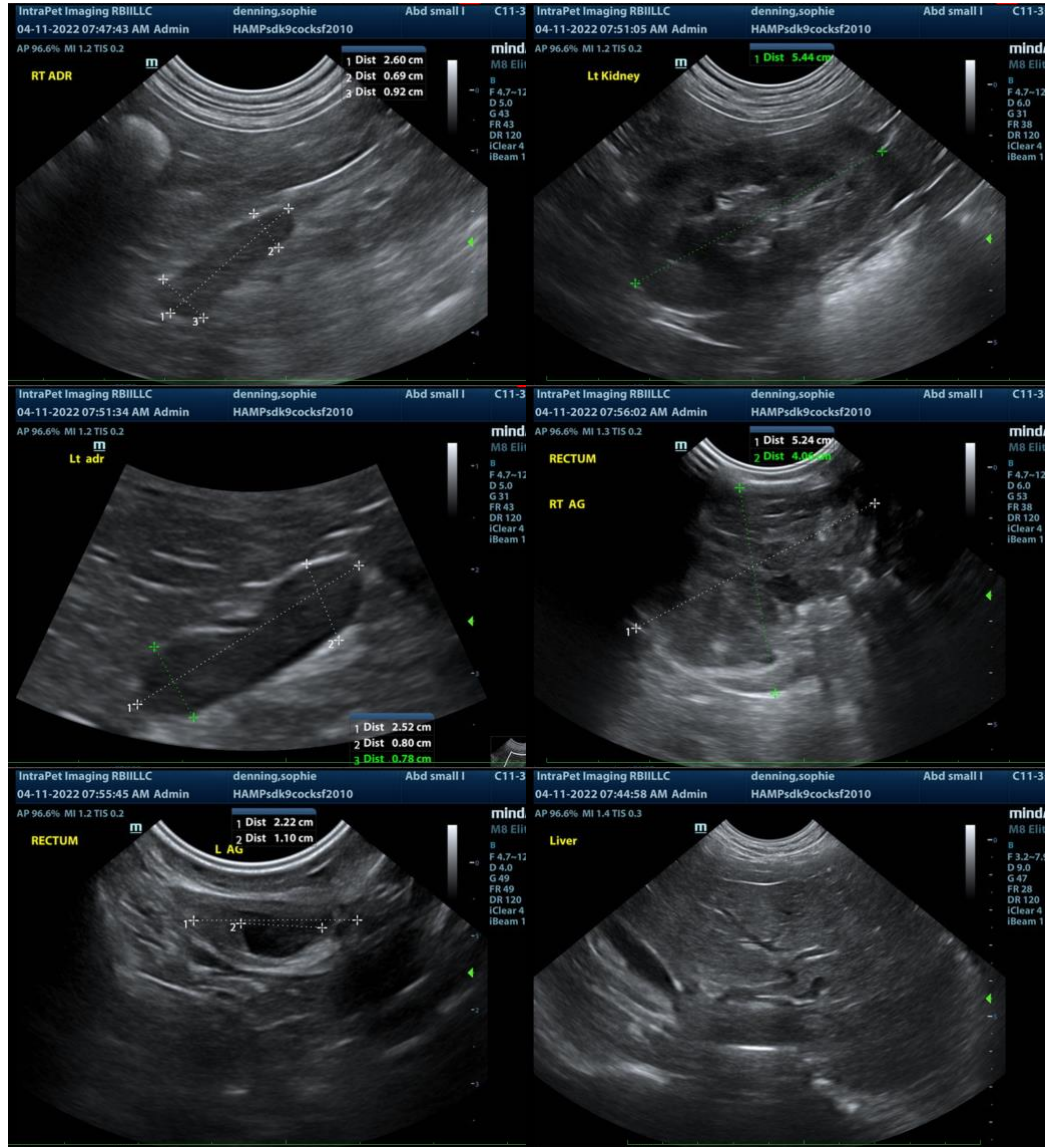
ULTRASONOGRAPHIC FINDINGS

- Right anal gland mass
- Mild irregular iliac lymphadenopathy
- Mild bilateral adrenal hypertrophy, may be normal variant or possibly related to emerging PDH
- Right kidney cortical cyst

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Strong concern for metastatic disease. FNA of the iliac lymph node recommended. Chest radiographs warranted, if not already performed.





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.

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