



**PATIENT**

Jake Thomas

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Neutered Male

**AGE**

7 Years 4 Months

**WEIGHT**

135 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Heather

**HOSPITAL NAME**

ACC Flanders

**REFERRING VET**

Dr. Hallihan

**INVOICE**

22276

**DATE**

5/1/23

**PRESENTING CLINICAL SIGNS**

History: P overweight, has anal sac carcinoma - o looking to get sx to remove if no mets seen on trazodone for sedation for scan - 100mg - 2 tabs 2 hours before scan was given 3.0 mL torb IV for sedation enalapril 20mg - 2 tablets orally every 12 hours

Abnormal PE/Chem/CBC/UA Results: wnl

**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 iliac trifurcation was unremarkable.

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 6.8 cm. The right kidney measured 6.4 cm.

**Adrenal Glands**

The regions of the **adrenal glands** were imaged and revealed no evident pathology.

**Spleen**

The **spleen** revealed a subtle reticular pattern. If any weight loss is present, then FNA is indicated. This is likely hyperplasia. Caudal and cranial folding of the spleen was noted.

**Liver**

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.

**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**



**PATIENT**

A large amount of **abdominal fat** was noted in this patient.

Jake Thomas

**ULTRASONOGRAPHIC FINDINGS**

**SPECIES**

- Subtle micronodular spleen- no obvious metastatic disease owing to the anal gland tumor
- Large amount of abdominal fat

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

If any weight loss is an issue, then FNA of the spleen is indicated for further definition.

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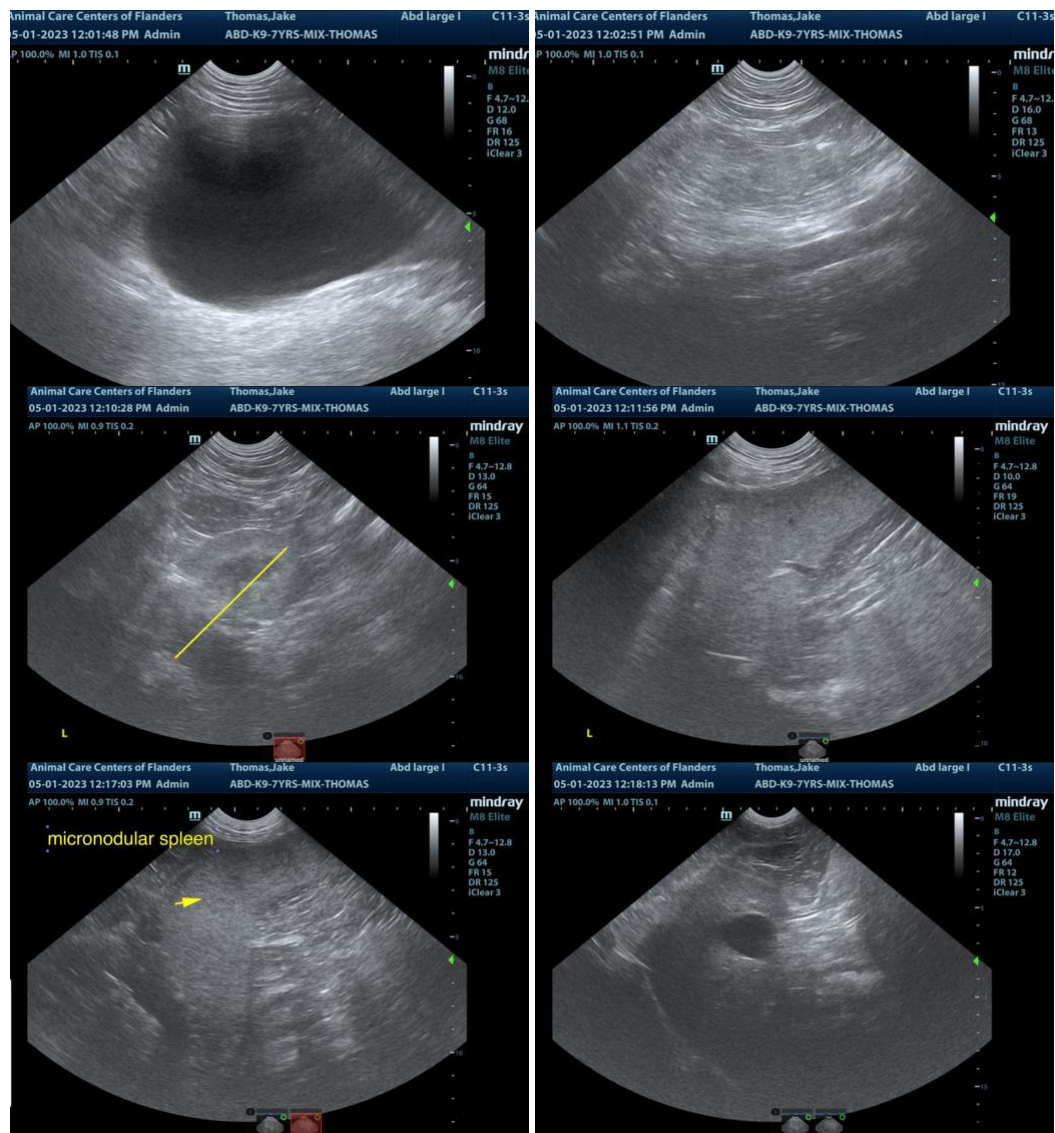
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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