



**PATIENT**

Tillie Vioria

**PRESENTING CLINICAL SIGNS**

History: Hyperthyroid controlled on meds

History of weight loss

**SPECIES**

Feline

Evaluate for IBD, lymphoma, mass, malabsorption

**BREED**

DSH

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. 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.

**AGE**

2007

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mild to moderate mineralization was noted. The right kidney measured 3.23 cm. The left kidney measured 3.48 cm.

**WEIGHT**

6.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert IVUSS

**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 right adrenal gland measured 0.4 cm. The left adrenal gland measured 0.44 cm.

**IMAGING PERFORMED BY**

Denise Bruno, LVT,  
RDMS

**Spleen**

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**HOSPITAL NAME**

Brooklyn Heights VH

**REFERRING VET**

Dr. Thomson

**INVOICE**

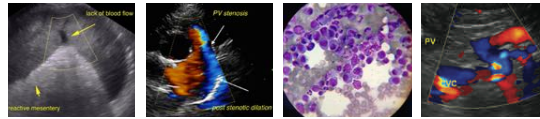
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**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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,

**DATE**

09/28/21



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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.

Tillie Vioria

**SPECIES**

**Gastrointestinal**

Feline

The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. The wall thickness measured 0.27 cm. No obvious neoplastic patterns were noted and luminal content as unremarkable.

**BREED**

DSH

**SEX**

**Pancreas**

Spayed Female

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**AGE**

2007

**WEIGHT**

**ULTRASONOGRAPHIC FINDINGS**

6.8 lbs

Geriatric abdomen.

Mild, chronic triad presentation.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

It is difficult to assess if any active inflammation is present; however, malassimilation of nutrients is a strong potential in this patient. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered. No neoplastic criteria was met in the abdominal organs from a sonographic perspective.

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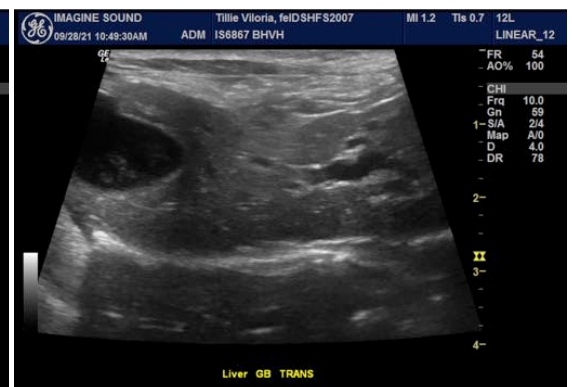
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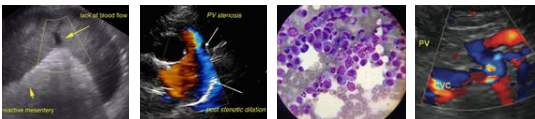
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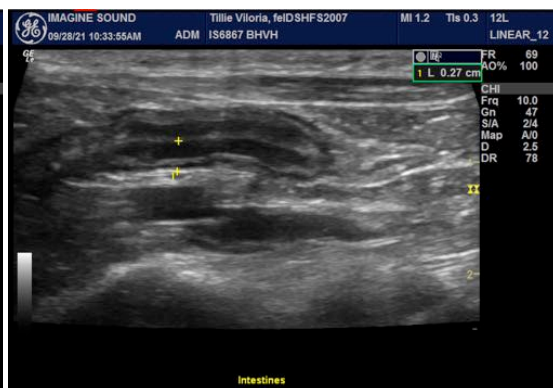
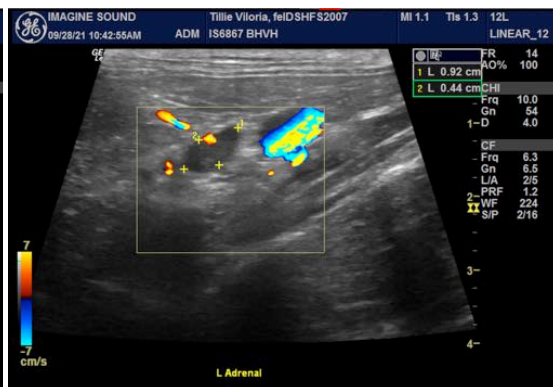
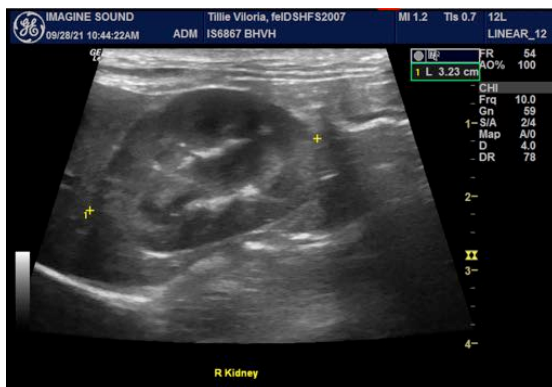
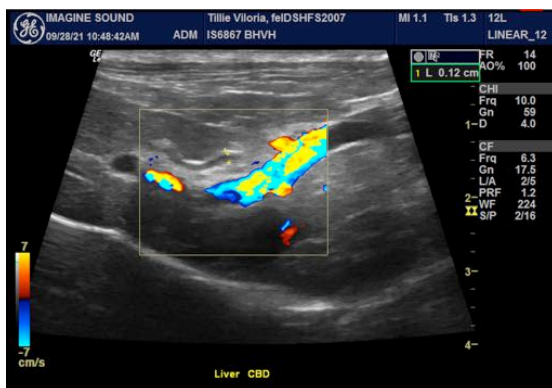
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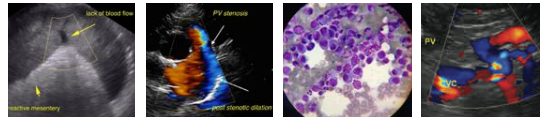
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
Eric.Lindquist@SonoPath.com