



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Baby Cat Artinyan History: Chronic vomiting. Recently diagnosed with hyperthyroidism with some improvement on methimazole.

**SPECIES** Feline Physical Examination: N/A.

Feline Urinalysis: N/A.

**BREED** DMH CBC: Normal.

Serum Biochemistry: Elevated T4, rest normal.

Radiographic Findings: N/A.

**SEX**

FS

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**AGE** *Urinary System*

12 years Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

**WEIGHT**

9.2 #

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD,  
Dipl. ECVIM

Normal renal size (both 3.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule.

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Dr Lee Gregory, DVM

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position.

**HOSPITAL NAME**

Casco Bay Veterinary Hospital

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

Dr Lee Gregory, DVM

**Liver**

Normal size, echogenic, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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**Gastrointestinal**

**DATE**

6/25/22

Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.29 cm, duodenum 0.22 cm) and peristaltic activity, and no distension of the lumen. Prominent hypoechoic appearance of the submucosal layer of the small intestine but with normal thickness (0.17 cm), no loss of layering, or distension of the lumen.



**PATIENT** *Pancreas*

Baby Cat Artinyan

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES**

*Free Abdomen*

Feline

No mesenteric lymphadenomegaly.

**BREED**

No ascites.

**DMH**

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Primary Findings:

FS

- Enteropathy?

**AGE**

Secondary Findings:

12 years

- Age-related renal changes.

**WEIGHT**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

9.2 #

Although the appearance of the small intestine may merely be an incidental and age-related change, inflammatory bowel disease, dietary hypersensitivity, and parasitic enteritis needs to be considered.

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Dipl. ECVIM

Initial further assessment would be fecal analysis and cobalamin assay and if there is not a satisfactory improvement with the hyperthyroidism therapy, then endoscopy of the upper GI tract with biopsies.

**IMAGING PERFORMED BY**

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Specific therapy would be dependent on an etiological diagnosis.

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Hospital

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**PATIENT**

Baby Cat Artinyan

**SPECIES**

Feline

**BREED**

DMH

**SEX**

FS

**AGE**

12 years

**WEIGHT**

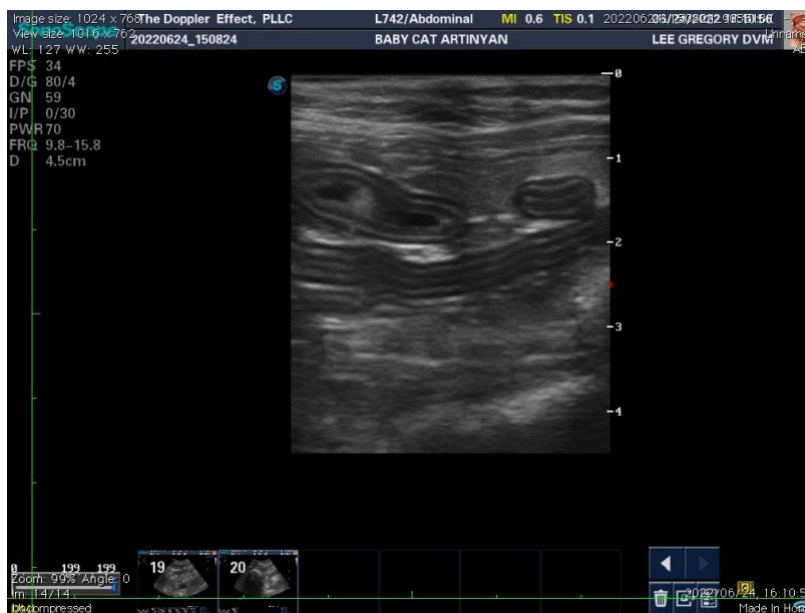
9.2 #

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**IMAGES**

**Small intestine**



**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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Hospital

**REFERRING VET**

Dr Lee Gregory, DVM

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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.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
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