



**PATIENT**

**PRESENTING CLINICAL SIGNS**

DC Trimble

History: History of vomiting almost daily. Pet has lost 2 lbs in the past 3-4 months. Sometimes vomits partially digested food and bile. Still eating and holds food down. No diarrhea. Owner thinks that pet has always drank more water so nothing has changed with this. No urine accidents

**SPECIES**

Feline

Abnormal PE/Chem/CBC/UA Results: PE shows normal heart auscultation, bronchovesicular lung sounds. Normal palpation of abdomen. NO evidence of abnormalities at this time. Pets BW in July 2021 was completely normal including thyroid. Today we are repeating BW so its pending, urine sgr- 1.013, 1 + protein otherwise inactive sediment at this time. No wbc's or rbc's seen. Radiographs show no abnormalities at this time.

**BREED**

Domestic Shorthair

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX**

**Urinary System**

Spayed Female

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 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**

14 years

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. Slight areas of mineralization were noted. The left kidney measured 3.6 cm. The right kidney measured 3.65 cm.

**WEIGHT**

10.5 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 0.88 x 0.4 cm. The left adrenal gland measured 1.39 x 0.27 cm.

**IMAGING PERFORMED BY**

Dr. Abadia

**HOSPITAL NAME**

Surfside

**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 was noted.

**REFERRING VET**

Dr. Abadia

**INVOICE**

92938

**Liver**

The **liver** revealed slight coarse architecture with mildly increased portal markings. The gallbladder wall was thickened. The patient likely has a history of cholangitis. There is no evidence of active disease.

**DATE**

11/8/21



**PATIENT**

**Gastrointestinal**

DC Trimble

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present.

**SPECIES**

Feline

Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

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**Pancreas**

**SEX**

Spayed Female

Slight, heterogenous **pancreatic** were noted, yet there was no evidence of active inflammation. .

**AGE**

14 years

**ULTRASONOGRAPHIC FINDINGS**

Minor intestinal thickening.

Likely inflammatory bowel and malassimilation.

**WEIGHT**

10.5 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Mal digestion 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. The changes are largely expected for this age patient.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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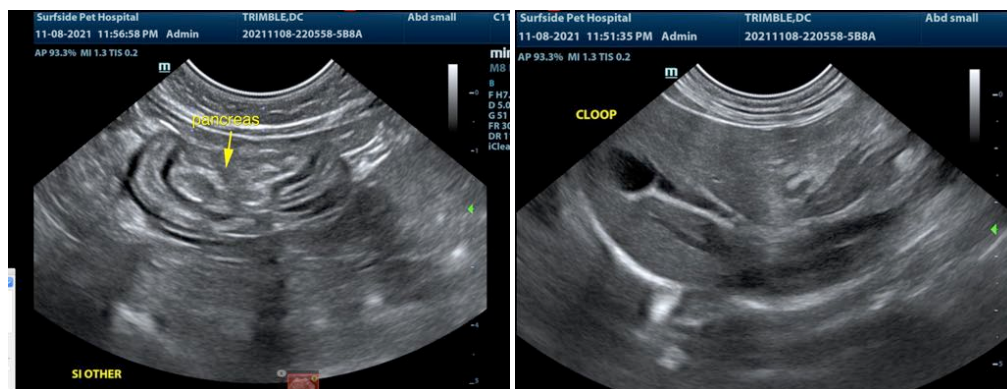
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**SPECIES**

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Spayed Female

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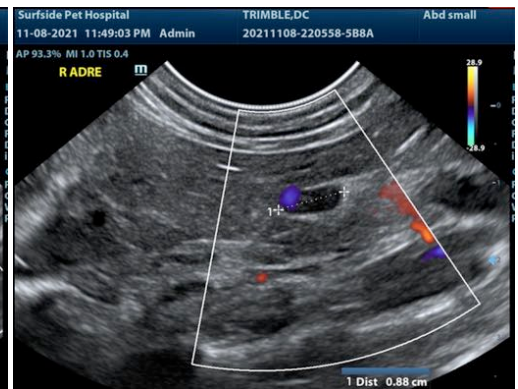
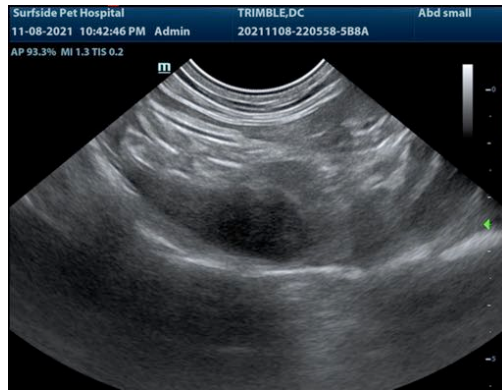
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**PATIENT**

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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.

**SPECIES**

Feline

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.

**BREED**

Domestic Shorthair

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

**SEX**

Spayed Female

**AGE**

14 years

**WEIGHT**

10.5 lbs

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