


**PATIENT PRESENTING CLINICAL SIGNS**

Keizer Timmins History: Patient presented in Aug 2022 with vomiting and increased drooling following a dose of Cefpodoxime for vaginitis. It resolved with Cerenia, Sucralfate, and Fortiflora.

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

Female Spayed

**AGE**

2 years

**WEIGHT**

80 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Jack Reese

**HOSPITAL NAME**

Willow Run VC

**REFERRING VET**

Jack Reese DVM

**INVOICE**

14099

**DATE**

8.14.23

In Nov 2022, P had a spay and gastropexy. Following the sx, she was taken to an ER clinic where it was found her pedicle was bleeding on the left side and 1L of blood was removed from her abdomen. She recovered from the second surgery well.

In June 2023, she presented with nausea, a poor appetite, and lip-licking. She was treated for gastric reflux with Omeprazole 40mg BIDx14d then SID long term and Cerenia as needed.

On Aug 4, 2023, she returned with restlessness, pacing, lip licking, and a poor appetite. The owner stated that the patient gets "sick" and vomits a few times a month but licks her lips and appears nauseous frequently and often has a poor appetite. Bloodwork was done and was found to be within normal limits other than a HCT of 67.3. Abdominal radiographs were unremarkable. She was treated with Cerenia and returned for an ACTH stim to rule out Addison's Disease. ACTH stim was within normal limits. An AUS was recommended.

On August 13, 2023, she presented to an ER clinic with bloody diarrhea. Bloodwork and radiographs were unremarkable other than showing a large amount of diarrhea in the colon. She was treated with Cerenia, sq fluids, Metronidazole, and a probiotic.

Abnormal PE/Chem/CBC/UA Results: CBC/Chem: wnl other than an elevated HCT 67.3 ACTH stim: wnl (7.8 ug/dl pre-sample and 13.8 ug/dl post sample)

Abdominal Rads: liquid fecal material in colon, otherwise unremarkable PE findings: P frequently hard swallows and licks her lips in the exam room. She was anxious with a mild tachycardia, otherwise PE was wnl.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**Urinary System**

The urinary bladder is small with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

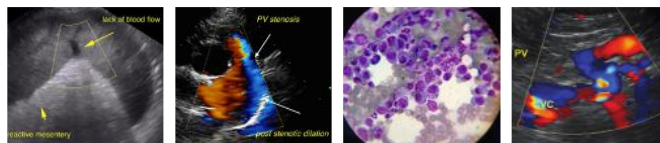
Normal renal size (left kidney 8.00 cm) (right kidney 7.80 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

**Adrenal Glands**

Normal shape, echogenic appearance, size (left 0.36 x 0.51 cm) (right 0.38 cm), position, and appearance of the visible peri-renal vasculature.

**Spleen**

Normal size (measuring 0.26 cm) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.



**PATIENT**

**Keizer Timmins** *Liver*  
Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

**SPECIES**

Canine

*Gallbladder*

The gallbladder is small containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

**BREED**

Great Dane

*Gastrointestinal*

Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. Normal thickness of the small intestine with no loss of layering and increased muscularis: mucosal ratio, normal peristaltic activity and no distention of the lumen.

**SEX**

Female Spayed

**AGE**

2 years

*Pancreas*

Poorly visualized, but appears to be of normal size and echogenic appearance, with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**WEIGHT**

80 lbs

*Free Abdomen*

Normal mesenteric lymph nodes.

**INTERPRETED BY**

No ascites evident.

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

**ULTRASONOGRAPHIC FINDINGS**

**IMAGING PERFORMED BY**

Jack Reese

**Primary Findings**

- Enteropathy

**Secondary Findings**

- None

**HOSPITAL NAME**

Willow Run VC

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity.

**REFERRING VET**

Jack Reese DVM

Further assessment would be fecal analysis, cobalamin and TLI assay and endoscopy of the upper GI tract with biopsies.

**INVOICE**

Specific therapy would be dependent on an etiological diagnosis.

14099

Symptomatic management would be feeding a hypoallergenic/novel protein diet, cobalamin supplementation, course of Fenbendazole, and possibly prednisolone.

**DATE**

8.14.23



**PATIENT**

Keizer Timmins

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

Female Spayed

**AGE**

2 years

**WEIGHT**

80 lbs

**INTERPRETED BY**

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

**IMAGING**

**PERFORMED BY**

Jack Reese

**HOSPITAL NAME**

Willow Run VC

**REFERRING VET**

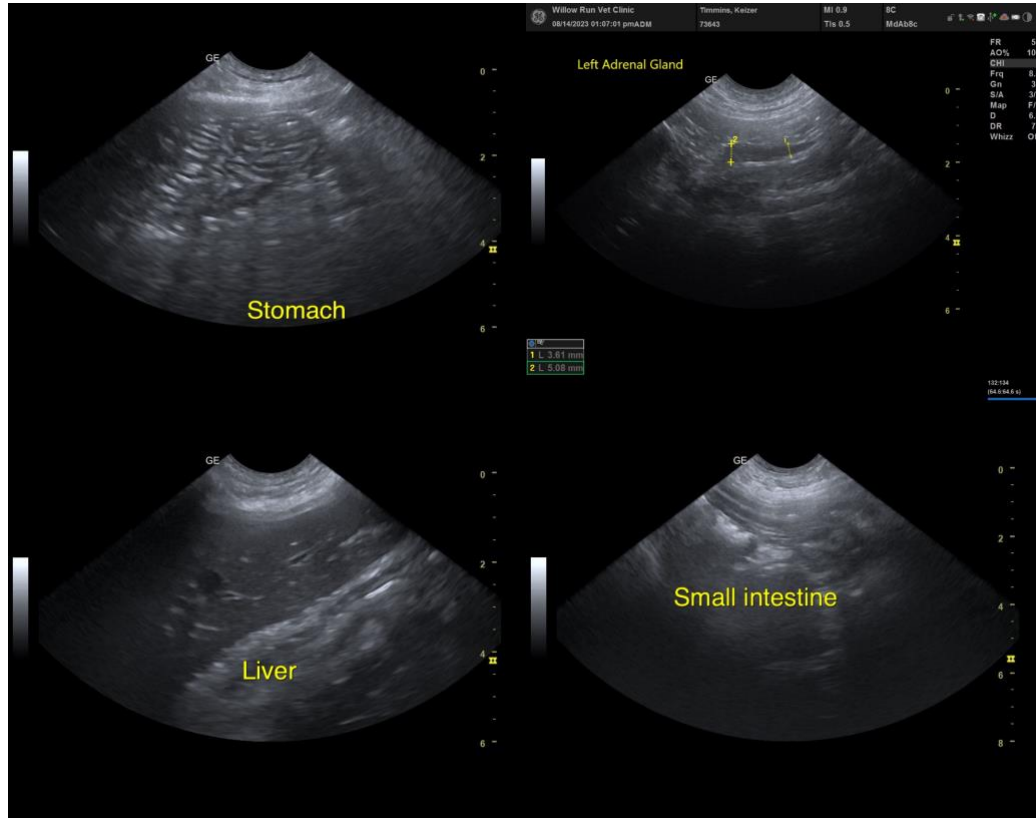
Jack Reese DVM

**INVOICE**

14099

**DATE**

8.14.23



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)**  
[info@sonopath.com](mailto:info@sonopath.com)