


PATIENT PRESENTING CLINICAL SIGNS

Sagan Meerkamper History: Diarrhea past two weeks unresponsive to antibiotics. Now showing vomiting and persistent watery diarrhea.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED Fecal Analysis: Negative.

Golden retriever CBC: Mild thrombocytosis.

SEX Serum Biochemistry: Normal. cPL negative.

MN Radiographic Findings: N/A.

Age **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

11 years **Urinary System**

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

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

INTERPRETED BY Normal iliac lymph nodes. Ureters not visualized.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Normal renal size (left 7.2 cm right 6.5 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

IMAGING PERFORMED BY Small hypoechogenic prostate.

Emily Kirk **Adrenal Glands**

HOSPITAL NAME Normal shape, echogenic appearance, size, and position.

Shiloh Animal Hospital **Spleen**

REFERRING VET Absent – previous splenectomy.

Shana Silverstein **Liver**

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

303173

DATE

8/6/22



PATIENT *Gastrointestinal*

Sagan Meerkamper
SPECIES
Canine

Normal appearance of the stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Thickening of the duodenum (0.63 cm) and segmental thickening of the small intestine (up to 0.48 cm) with a prominent hypoechoogenic appearance of the submucosal layer but with no loss of layering or distension of the lumen and normal peristalsis. Gas within the stomach.

BREED *Pancreas*

Golden retriever

Normal size with increased echogenic appearance. Irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX *Free Abdomen*

MN
No mesenteric lymphadenomegaly.
No ascites.

Age

11 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

73.3 #

Primary Findings:

- Enteropathy.

INTERPRETED BY

Secondary Findings:

- None.

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Emily Kirk

Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity, with lymphoma an unlikely differential diagnosis.

HOSPITAL NAME

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

Shiloh Animal Hospital

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be novel protein/hypoallergenic diet, course of fenbendazole, cobalamin supplementation, and possibly prednisolone.

REFERRING VET

Shana Silverstein

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PATIENT

Sagan Meerkamper

SPECIES

Canine

BREED

Golden retriever

SEX

MN

Age

11 years

WEIGHT

73.3 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Emily Kirk

HOSPITAL NAME

Shiloh Animal Hospital

REFERRING VET

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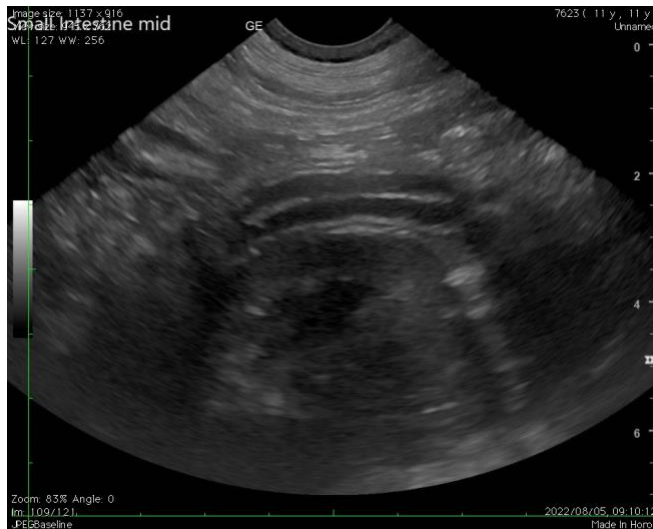
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IMAGES

Duodenum



Small intestine



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)
rlobetti@mweb.co.za