



PATIENT

Zeus McLain

SPECIES

Canine

BREED

Doberman

SEX

Male

AGE

8 months

WEIGHT

23 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Sonya Myers, DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

Dr Cail

INVOICE

302821

DATE

3/18/22

PRESENTING CLINICAL SIGNS

History: Vomiting, sock removed via endoscopy few days ago.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: Suspected intestinal obstruction.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

Normal iliac lymph nodes (2.4 cm). Ureters not visualized.

Normal renal size (left 6.7 cm, right 7.1 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Normal appearance of the testes and prostate (0.9 cm).

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.39 cm, right 0.64 cm.

Spleen

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

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.19 cm).



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.28 cm, duodenum 0.5 cm) and peristalsis, and no distension of the lumen. Segmental thickening of the small intestine (up to 0.51 cm) with no loss of layering. Small amount of fluid accumulation within the stomach. Jejunal foreign body (7 cm) with fluid accumulation proximally and empty appearance of the intestine distally.

Pancreas

Normal size (right 1.6 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Mesenteric lymphadenomegaly (0.9 x 3.2 cm) with normal shape and echogenic appearance.

Small amount of acellular ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Intestinal foreign body.
- Enteropathy.
- Mesenteric lymphadenomegaly.
- Ascites.

Secondary findings:

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the enteropathy would be secondary to the movement of the foreign body with inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity.

Both the lymphadenomegaly and ascites can be ascribed to the foreign body, although emerging peritonitis would need to be considered.

Further assessment would be fecal analysis and a laparotomy, the latter also allowing for full thickness biopsies of the small intestines and mesenteric lymph nodes.

Further specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Small intestine



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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.

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