



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Myla Hanson History: Acute onset protracted vomiting, anorexia. No diarrhea.

SPECIES Canine Physical Examination: Dehydrated, lethargic, cough.

Urinalysis: Normal.

CBC: Neutrophilia, monocytosis.

BREED Labrador Serum Biochemistry: Normal including basal cortisol.

Radiographic Findings: N/A.

SEX

FS

AGE

1 year

WEIGHT

26.6 kg

INTERPRETED BY

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MMedVet (Med), PhD,
Dipl. ECVIM

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.2 cm) and appearance of the wall. Normal echogenic urine with no sediment or uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 7 cm, right 7.34 cm), echogenic appearance, cortico-medullary differentiation, blood flow, capsule and pelvis.

Reproductive System

N/A.

IMAGING PERFORMED BY

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DVM

Adrenal Glands

Normal shape, echogenic appearance, and position but flattened in width. Left 1.63 x 0.24/0.26 cm; right 2.48 x 0.32/0.3 cm.

HOSPITAL NAME

Spleen

Normal size (1.8 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver

Normal size, echogenic appearance, 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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PATIENT *Gastrointestinal*

Myla Hanson Normal appearance of the pylorus, stomach, ileo-cecal junction, and colon with normal thickness, layering, and peristaltic activity and no distension of the lumen. Ingesta within the stomach.
SPECIES Segmental sections of the duodenum and small intestine show submucosal thickening with hyperechogenic speckling but no loss of layering or distension of the lumen.

Canine

Pancreas

BREED

Labrador

Normal size (left 0.6 cm, right 0.8 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

FS

Mesenteric lymphadenomegaly (2.3 cm) with normal shape and echogenic appearance. No ascites.

AGE

1 year

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

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- Enteropathy.
- Mesenteric lymphadenomegaly.
- Small adrenal glands.

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Secondary Findings:

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- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the enteropathy would be acute enteritis (dietary indiscretion, toxins, viral, bacterial, protozoal, helminths) with inflammatory bowel disease and dietary hypersensitivity, less likely differential diagnoses.

HOSPITAL NAME

The most likely etiology for the lymphadenomegaly would be reactive secondary to the acute enteritis with lymphadenitis a differential diagnosis.

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Although the basal cortisol is within reference range, with the flattened appearance of the adrenal glands, emerging Addison's needs to be considered.

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Further assessment would be fecal analyses, and if there is not a satisfactory improvement then FNA cytology of the lymph nodes, endoscopy of the upper GI tract with biopsies, and possibly an ACTH stimulation test

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Symptomatic therapy would be fluid therapy as needed, intestinal diet, anti-emetics, course of fenbendazole and/or metronidazole, and intestinal protectants/adsorbents.

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PATIENT

Myla Hanson

SPECIES

Canine

BREED

Labrador

SEX

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IMAGES

Small intestine



Mesenteric lymph node



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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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