



PATIENT PRESENTING CLINICAL SIGNS

Jase Patrick History: Vomiting, diarrhea, anorexia past 2 days.

SPECIES Physical Examination: Hemorrhagic diarrhea, dehydration, dental disease, patella luxation.

Canine Urinalysis: N/A.

Fecal Analysis: N/A.

BREED CBC: Neutrophilia, monocytosis.

Yorkshire terrier Serum Biochemistry: Initially hypoglycemia then marginal hyperglycemia, elevated globulins.

SEX Radiographic Findings: N/A.

MN

AGE ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

9 years *Urinary System*

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

WEIGHT 4.75 # 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 (both 3.1 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive System

IMAGING PERFORMED BY N/A.

Adrenal Glands

Carissa Rhoades Normal size, shape, and echogenic appearance.

HOSPITAL NAME *Spleen*

Elizabeth Animal Hospital Normal size and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET *Liver*

Dr Sareena Enloe, DVM

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

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DATE

10/16/20



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Jase Patrick

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

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9 years

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4.75 #

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MMedVet (Med), PhD,
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Gastrointestinal

Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no lumen distension. Prominent hypoechoic appearance of the submucosal layer of the small intestine with normal thickness and no loss of layering or distension of the lumen.

Pancreas

Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

Thorax

Normal appearance of the heart.
No pericardial or pleural effusion.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Enteropathy.

Secondary findings:

- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the enteropathy would be non-specific enteritis – viral, bacterial, protozoal, helminths, dietary indiscretion, and toxins.

The hyperglobulinemia is most likely secondary to the dental disease.

Further assessment would be fecal analysis and if there is not a satisfactory improvement, then endoscopy of both the upper and lower GI tract with biopsies.

Symptomatic management would be fluid therapy, intestinal diet, fenbendazole, anti-emetics, and intestinal protectants/ adsorbents.



PATIENT IMAGES

Jase Patrick **Small intestine**

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

AGE

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WEIGHT

4.75 #

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IMAGING PERFORMED BY

Carissa Rhoades

HOSPITAL NAME

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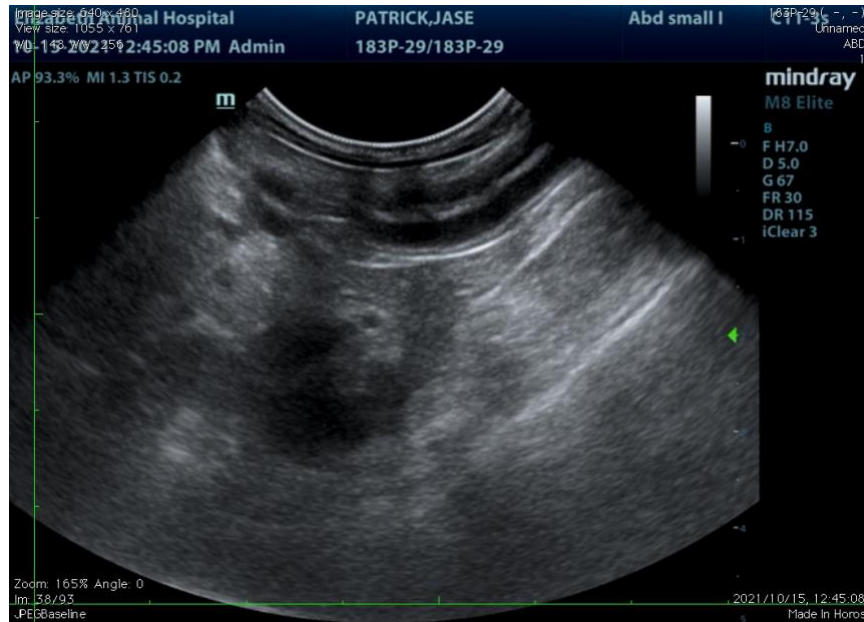
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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