



PATIENT PRESENTING CLINICAL SIGNS

Bella Malyjurek History: Thickened bowel loops on previous ultrasounds. Initially controlled on 2.5mg prednisolone EOD but currently on 5mg SID with no improvement. Diabetes mellitus but in remission.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

BREED CBC: N/A.

Maine Coon Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

FS

AGE

12 years

WEIGHT

12 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Moderate amount of floating hyperechogenic sediment. No uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.7 x 2.2 cm, right 4.1 x 2.1 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive System

N/A.

Adrenal Glands

Normal shape, size, position, and echogenic appearance. Left 0.66 x 0.28 cm, right 1.3 x 0.52 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear 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. Small gall bladder containing normal anechoic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, small intestine, 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 duodenum but with normal thickness (0.24 cm), no loss of layering or distension of the lumen.

IMAGING PERFORMED BY

Dr Hadley Harris

HOSPITAL NAME

TotalBond Veterinary
Hospital

REFERRING VET

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INVOICE

302602

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PATIENT *Pancreas*

Bella Malyjurek Normal size with an increased echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline No mesenteric lymphadenomegaly.
No ascites.

BREED

Maine Coon

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Enteropathy.
- Pancreatic fibrosis.

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Secondary Findings:

- Urinary bladder sediment.
- Age-related renal changes.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the enteropathy would be inflammatory bowel disease, dietary hypersensitivity, and parasitic enteritis, and emerging lymphoma (the latter masked by the cortisone therapy).

Although the appearance of the pancreas is typical for pancreatic fibrosis, chronic pancreatitis needs to be considered.

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Etiologies for the urinary bladder sediment would be bacterial cystitis, sterile cystitis, crystalluria, and hemorrhage.

The appearance of the kidneys may merely be age-related; however, chronic kidney disease needs to be considered and ruled out.

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Further assessment would be urine and fecal analyses, serum biochemistry, fPL/PSL assay, serum cobalamin assay, and endoscopy of the upper GI tract with biopsies.

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Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be novel protein/hypoallergenic diet, course of fenbendazole and/or metronidazole, cobalamin supplementation, and to continue with the prednisolone. The addition of chlorambucil should also be considered if there is not a satisfactory response.

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IMAGES

Duodenum



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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