



PATIENT

Coco Drowos

SPECIES

Canine

BREED

Terrier Mix

SEX

FS

AGE

15 years

WEIGHT

15 #

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Lara Wiseman, DVM

HOSPITAL NAME

Boca Midtowne
Animal Hospital

REFERRING VET

INVOICE

302579

DATE

9/30/21

PRESENTING CLINICAL SIGNS

History: Chronic intermittent diarrhea with weight loss. Stable chronic renal disease.

Physical Examination: N/A.

Urinalysis: N/A.

Fecal Analysis: Pending.

CBC: N/A.

Serum Biochemistry: Static urea, creatinine, SDMA. Normal cPL.

Radiographic Findings: Normal thorax and abdomen.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with a normal thickness and appearance 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. Ureters not visualized.

Normal renal size (left kidney 3.7 cm, right 3.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and regular capsule and pelvis. Small medullary cysts in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.44 cm, right 0.5 cm.

Spleen

Normal size (0.72 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Focal hypoechogenic parenchymal nodule (0.5 cm) in the body of the spleen.

Liver

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



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, pylorus, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (stomach 0.21 cm, duodenum 0.46 cm, jejunum 0.38 cm) and peristalsis, and no distension of the lumen. Prominent appearance of the submucosal layer of the small intestine. Ingesta within the stomach. Fecal material within the colon.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Renal disease.
- Enteropathy.

Secondary findings:

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys is consistent with chronic renal disease and in line with the history and serum biochemistry.

Etiologies for the enteropathy would be inflammatory bowel disease, dietary hypersensitivity, and parasitic enteritis, with lymphoma a far less likely differentials diagnosis.

Further assessment would be serum cobalamin assay and if not already done urinalysis, urine culture, UPC, phosphate levels and blood pressure. Endoscopy of the upper GI tract with biopsies should also be considered.

Specific therapy would be dependent on an etiological diagnosis. Management of the renal disease would be renal diet and ACE inhibitor/receptor blockers; with additional therapy based on the results of the further assessment.



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IMAGES

Left kidney



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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