



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Siobhan Miles History: Lethargy following an episode of trauma.

SPECIES Physical Examination: Normal to generally thinned hair coat, relatively pot-bellied appearance.

Canine Urinalysis: Pending.

BREED CBC: Normal.

Soft coated Wheaton terrier Serum Biochemistry: Azotemia, hyperkalemia, elevated amylase and lipase, low-normal albumin.

Radiographic Findings: N/A.

SEX

FS

AGE

12 years

WEIGHT

18 kg

INTERPRETED BY

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

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. Ureters not visualized.

Normal renal size (left 5 cm, right 5.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Cortical cysts in the right kidney.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Lee Gregory, DVM

Adrenal Glands

Normal shape, echogenic appearance, and position but bilaterally enlarged. Left 1.8 cm, right 1.5 cm.

HOSPITAL NAME

Casco Bay Veterinary Hospital

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.

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Liver

Enlarged with rounded edges, diffuse increased echogenic appearance and some loss of portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

INVOICE

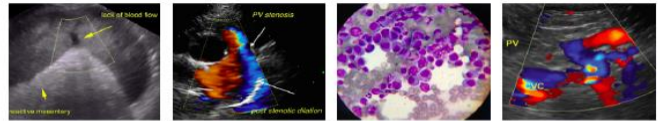
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Gastrointestinal

DATE

1/28/22

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



PATIENT *Pancreas*

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

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Soft coated Wheaton terrier

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Bilateral adrenomegaly.
- Hepatopathy.
- Renal disease.

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Secondary Findings:

- None.

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18 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the adrenal glands is indicative of pituitary-dependent Cushing's disease.

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, early cirrhosis, early nodular regeneration, and infiltrative neoplasia.

Etiologies for the renal disease would be chronic kidney disease, bacterial nephritis, and emerging pyelonephritis.

Further assessment would be FNA cytology of the liver, blood pressure, and adrenal function testing (ACTH/low dose dexamethasone suppression test).

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Siobhan Miles

SPECIES

Canine

BREED

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IMAGES

Liver



Kidney





PATIENT

Right adrenal

Siobhan Miles

SPECIES

Canine

BREED

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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)
rlobetti@mweb.co.za

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