

PATIENT PRESENTING CLINICAL SIGNS

Soybean Liou History: PuPd, polyphagia, weight loss.

SPECIES Physical Examination: Hypertensive.

Canine Urinalysis: SG 1.029, UPC 6.7.

CBC: Normal.

BREED Serum Biochemistry: Elevated cholesterol and triglycerides.

Morkie Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS

Urinary System

AGE

11 years

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

WEIGHT

10.8 #

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.4 cm, right 4.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

INTERPRETED BY

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

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Marti Williams

Adrenal Glands

Left - large irregular mottled echogenic mass (1.4 x 2 cm) with no obvious invasion into the surrounding vasculature.

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Right – normal shape, echogenic appearance, position, but enlarged (0.73 cm).

REFERRING VET

Dr Laurita Halbert

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.

INVOICE

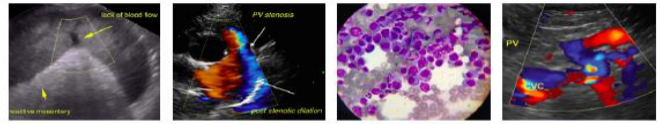
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Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing moderate amount of non-adherent hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

DATE

5/20/22



PATIENT *Gastrointestinal*

Soybean Liou 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.

SPECIES *Pancreas*

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

BREED *Free Abdomen*

Morkie No mesenteric lymphadenomegaly.
No ascites.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

AGE

11 years

Primary Findings:

- Left adrenal mass.
- Right adrenomegaly.

WEIGHT

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Secondary Findings:

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

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the left adrenal would be functional/non-functional carcinoma and pheochromocytoma.

Etiologies for the right adrenal gland would be disease/stress related hyperplasia and emerging functional Cushing's disease.

Although the gall bladder sediment is most likely an incidental finding, monitoring for the development of a mucocele would be recommended.

Further assessment would be adrenal function testing (ACTH stimulation/LDDS test), 3-view thoracic radiographs, urine catecholamines, and FNA cytology of the left adrenal mass. If adrenalectomy is being considered, then CT scan of the thorax and abdomen would be recommended.

Specific therapy would be dependent on an etiological diagnosis.

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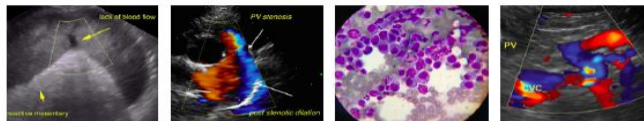
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PATIENT

Soybean Liou

SPECIES

Canine

BREED

Morkie

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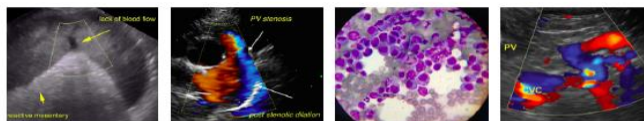
IMAGES

Left adrenal



Right adrenal





PATIENT

Gall bladder

Soybean Liou

SPECIES

Canine

BREED

Morkie

SEX

FS

AGE

11 years

WEIGHT

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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.

IMAGING PERFORMED BY

Dr Marti Williams

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.

HOSPITAL NAME

Limestone Veterinary
Hospital

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za

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