



PATIENT PRESENTING CLINICAL SIGNS

Mason Surette History: ADR past 3-4 days, anorexia. Progressive left eye pathology.

SPECIES Physical Examination: OS: diffuse corneal edema, aqueous flare, hyphema ventral anterior chamber, small pinpoint corneal ulcer, epiphora. Rest normal.

Canine Urinalysis: N/A.

BREED CBC: Thrombocytosis.

Shih Tzu Serum Biochemistry: Elevated ALP activity and globulins.

Radiographic Findings: N/A.

SEX

MN

Age

10 years

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 evident. Two small uroliths present.

WEIGHT

16.8 #

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

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size, echogenic appearance, cortico-medullary differentiation, blood flow, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Ashley Whitesell

Adrenal Glands

Normal position with increased echogenic appearance, rounded shape, and enlarged. Left 1.26/0.7 cm, right 1.12/0.69 cm.

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Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

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Margo Huneycutt

Liver

INVOICE

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Enlarged with rounded edges, diffuse hyperechogenic appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident.

DATE

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Gall bladder

Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct.



PATIENT *Gastrointestinal*

Mason Surette 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*

Shih Tzu No mesenteric lymphadenomegaly.
No ascites evident.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

Age

Primary Findings:

- 10 years
- Bilateral adrenomegaly.
 - Hepatopathy

WEIGHT

Secondary Findings:

- 16.8 #
- Uroliths.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the elevated ALP activity and thrombocytosis, the most likely etiology for the adrenomegaly would be pituitary-dependent Cushing's disease with disease stress a less likely differential diagnosis.

IMAGING PERFORMED BY

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Etiologies for the hepatopathy would be reactive, metabolic, hyperplasia, hepatitis, and infiltrative neoplasia.

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Further assessment would be ophthalmology consultation, urinalysis, adrenal function testing (ACTH stimulation/LDDS test) and possibly FNA cytology of the liver.

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Mason Surette

SPECIES

Canine

BREED

Shih Tzu

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Age

10 years

WEIGHT

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IMAGES

Left adrenal gland



Right adrenal



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PATIENT Liver

Mason Surette

SPECIES

Canine

BREED

Shih Tzu

SEX

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Age

10 years

WEIGHT

16.8 #



Urinary bladder

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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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