



PATIENT PRESENTING CLINICAL SIGNS

Daisy Gonzalez History: Suspected steroid-induced hepatopathy – on cyclosporine and steroids for past 18 months for immune-mediated thrombocytopenia. No polyphagia or polydipsia.

SPECIES Physical Examination: Enlarged abdomen.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Maltese Mix Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

FS

AGE

9 years

WEIGHT

19.3 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
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ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full 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 (right 4.8 cm), echogenic appearance, loss of cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Paul Kim

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.09 x 0.57 cm.

HOSPITAL NAME

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Spleen

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

REFERRING VET

Dr Paul Kim

Liver

Enlarged with rounded edges, diffuse hyperechogenic appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Small cholelith (0.6 cm). Normal thickness and appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

DATE

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



PATIENT *Pancreas*

Daisy Gonzalez Normal size (left 0.7 cm, right 0.6 cm) and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Maltese Mix

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.

SEX

FS Secondary Findings:

AGE

- Cholelith.

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

19.3 #

The most likely etiology for the hepatopathy would be steroid-induced with hepatitis and infiltrative neoplasia, unlikely differential diagnoses

Further assessment would be liver enzyme activity and possibly FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis. Management of the steroid hepatopathy would be to taper the steroids off with regular monitoring of thrombocyte count.

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PATIENT IMAGES

Daisy Gonzalez **Liver**

SPECIES

Canine

BREED

Maltese Mix

SEX

FS

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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.

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Dr Paul Kim

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

Ridgefield Park Animal
Hospital

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