



PATIENT PRESENTING CLINICAL SIGNS

Longyi Lee History: Elevated liver enzyme activity.

SPECIES Physical Examination: Normal.

Canine Urinalysis: SG 1.009, bacteruria.

BREED CBC: Normal.

Maltese Serum Biochemistry: Mildly elevated liver enzyme activity and PSL

Radiographic Findings: N/A.

SEX

MN

AGE

11 years

WEIGHT

12.1 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full 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 3.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Small hypoechogenic prostate.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.39 x 0.43, right 1.22 cm.

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.

Liver

Normal size with a diffuse hyperechogenic and nodular appearance, and loss of portal markings. Nodules are hypoechogenic, parenchymal, and up to 0.6 cm in size. Full gall bladder containing normal bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

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.

IMAGING PERFORMED BY

Dr Paul Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

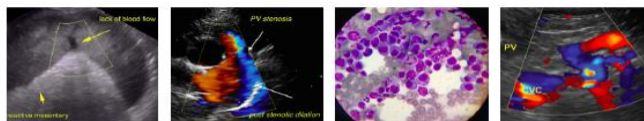
Dr Paul Kim

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DATE

2/9/22



PATIENT *Pancreas*

Longyi Lee Normal size (right 0.45, left 1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

BREED No ascites.
Normal portal vein.

Maltese

ULTRASONOGRAPHIC FINDINGS

SEX Primary Findings:

- MN
 - Nodular hepatopathy.

AGE Secondary Findings:

- 11 years
 - Age-related renal changes.

WEIGHT

12.1 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the nodular hepatopathy would be reactive, nodular regeneration, chronic hepatitis, early cirrhosis, granulomatous disease, and neoplasia.

Further assessment would be urine culture and FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be ursodiol.

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PATIENT IMAGES

Longyi Lee **Liver**

SPECIES

Canine

BREED

Maltese

SEX

MN

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.

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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

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