



PATIENT PRESENTING CLINICAL SIGNS

Coco Lee History: Presented for evaluation of a lump on the side of the stomach.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Maltese Radiographic Findings: N/A.

SEX

Female

AGE

10 years

WEIGHT

7.5

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with 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 2.9 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule.

INTERPRETED BY

Remo Lobetti, BVSc,
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Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Paul Kim

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.06 x 0.36 cm.

HOSPITAL NAME

Ridgefield Park Animal
Hospital

Spleen

Normal size with a diffuse hyperechogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. Focal hypoechogenic nodule (0.8 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET

Dr Paul Kim

Liver

Normal size, echogenic appearance, and 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.

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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 peristaltic activity, and no distension of the lumen.



PATIENT *Pancreas*

Coco Lee Normal size (right 0.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

ULTRASONOGRAPHIC FINDINGS

Maltese

Primary Findings:

SEX

- Splenic pathology.
- Splenic nodule.
- Renal disease vs age-related changes.

Female

AGE

Secondary Findings:

10 years

- None.

WEIGHT

7.5

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the spleen would be reactive, hyperplasia, splenitis, and infiltrative neoplasia.

Etiologies for the splenic nodule would be reactive, hyperplasia, granuloma, abscess, and neoplasia.

Although the appearance of the kidneys may merely be age-related, chronic kidney disease needs to be considered.

Further assessment would be urinalysis, CBC, serum biochemistry, and FNA cytology of the spleen and splenic nodule.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Coco Lee **Spleen**

SPECIES

Canine

BREED

Maltese

SEX

Female

AGE

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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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