



PATIENT PRESENTING CLINICAL SIGNS

Happy Chung History: Lethargy, not getting up, polypnea, poor appetite, possible hematuria.

SPECIES Physical Examination: Pale mucosa.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Jindo Radiographic Findings: N/A.

SEX

FS

AGE

13 years

WEIGHT

34 #

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 (right 5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Cortical infarcts present in the right kidney.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.76 x 0.71 cm.

Spleen

Enlarged with a diffuse mottled echogenic appearance. Few small hypoechogenic parenchymal nodules. Large irregular mottled echogenic masses (4.2 cm) in the head of the spleen with bulging of the overlying capsule and hyperechogenic appearance of the surrounding mesentery.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing moderate amount of dependent hyperechogenic sediment. 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 (stomach 0.39 cm) and peristaltic activity, and no distension of the lumen.

IMAGING PERFORMED BY

Dr Paul Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

Dr Cathy Chun

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DATE

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PATIENT

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Pancreas

SPECIES

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

Canine

Free Abdomen

BREED

No mesenteric lymphadenomegaly.
No ascites.

Jindo

Two focal hyperechogenic nodules (0.9 cm, and 0.5 cm) in the region of the iliac trifurcation.

SEX

ULTRASONOGRAPHIC FINDINGS

FS

Primary Findings:

AGE

- Splenic neoplasia.
- Splenomegaly.

13 years

Secondary Findings:

WEIGHT

- Caudal abdomen nodules.
- Age-related renal changes vs renal disease.
- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the spleen is typical for neoplasia, and most likely hemangiosarcoma.

The caudal abdominal nodules are most likely incidental findings with possible etiologies being organized abscess, granuloma, or hematoma; with neoplasia a less, likely differential diagnosis.

Further assessment would be urinalysis, serum biochemistry, 3-view thoracic radiographs and echocardiography.

If negative for metastatic disease and no associated severe co-morbidities identified on blood work, then specific therapy would be splenectomy, which would allow for aspiration/biopsy of caudal abdominal nodules.

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IMAGES

Spleen

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PATIENT Iliac region

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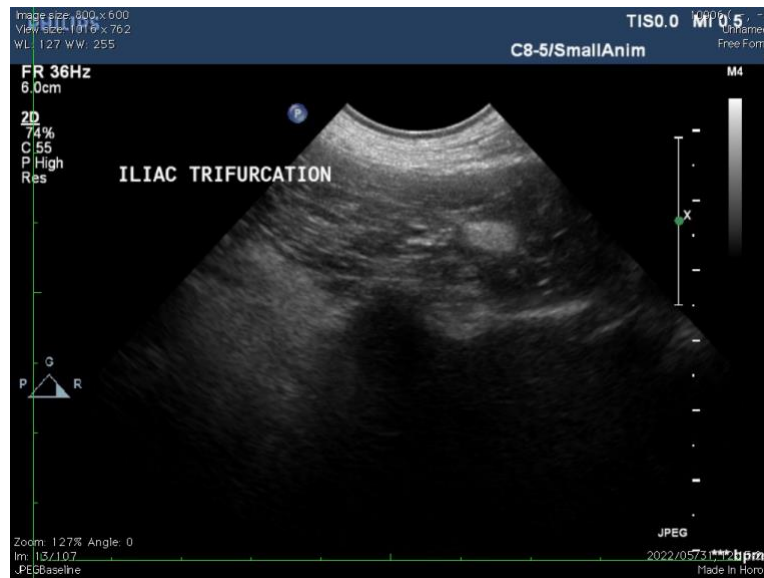
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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