



**PATIENT PRESENTING CLINICAL SIGNS**

Jake Cano History: Persistent elevated ALT activity. On gabapentin and Adequan for DJD.

**SPECIES** Physical Examination: Dental disease.

Canine Urinalysis: N/A.

CBC: Monocytosis.

**BREED** Serum Biochemistry: Elevated ALT activity.

Pekingese Radiographic Findings: N/A.

**SEX**

MN

**AGE**

14 years

**WEIGHT**

18.5 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness and appearance the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.1 cm, right 4.7 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, position, and size. Left 1.9 x 0.45 cm), right 1.05 x 0.44 cm.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Focal hypoechogenic solid parenchymal mass (1.5 x 1.9 cm) in the body of the spleen with resultant bulging of the overlying capsule. Incidental myelolipomas.

**Liver**

Normal size with increased echogenic appearance and some loss of portal markings. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic non-adherent sediment. Normal appearance and thickness 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 Megan Cassels-Conway, DVM

**HOSPITAL NAME**

Central Broward Animal Hospital

**REFERRING VET**

Dr Oms, DVM

**INVOICE**

302953

**DATE**

5/10/22



**PATIENT** *Pancreas*

Jake Cano Normal size 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**

Pekingese **ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- SEX**
- Hepatopathy.
  - Splenic nodule.

MN

**AGE** Secondary Findings:

- 14 years
- Gall and urinary bladder sediment.
  - Age-related renal changes.

**WEIGHT**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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Etiologies for the hepatopathy would be reactive, secondary to the dental disease, vacuolar, metabolic, chronic hepatitis, and early cirrhosis, with infiltrative neoplasia, an unlikely differential diagnosis.

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

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Conway, DVM

Further assessment would be FNA cytology of the liver and splenic nodule, and possible splenectomy.

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Specific therapy would be dependent on an etiological diagnosis. If splenectomy is not pursued, then regular ultrasound monitoring of the spleen would be recommended. Symptomatic management of the liver would be ursodiol.

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**PATIENT**

Jake Cano

**SPECIES**

Canine

**BREED**

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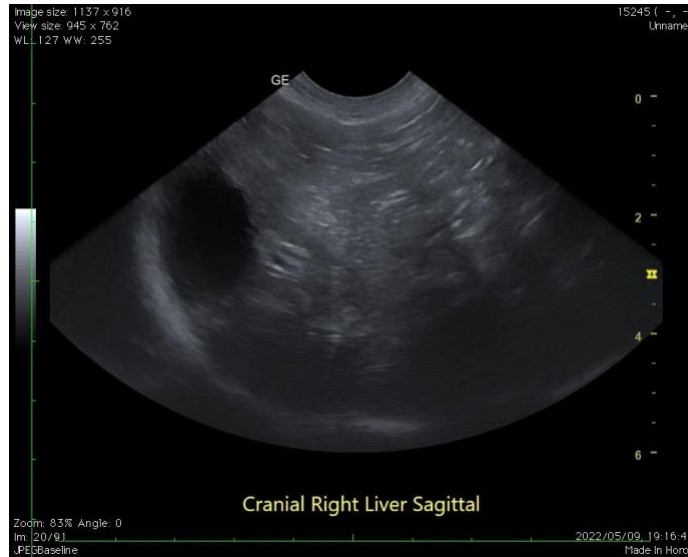
302953

**DATE**

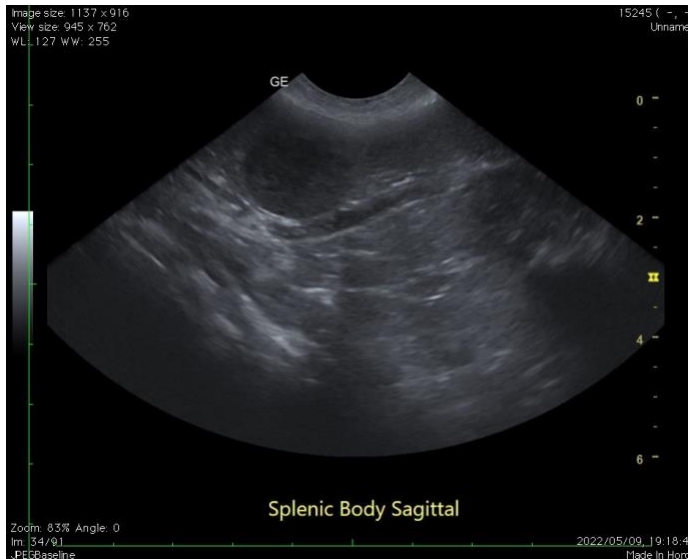
5/10/22

**IMAGES**

**Liver**



**Spleen**



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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