



PATIENT PRESENTING CLINICAL SIGNS

Bam Bam Isom History: Acute onset reverse sneezing and pyrexia 2 weeks ago. Elevated ALT activity on blood work. Treated with doxycycline and Tussigon. Progressive elevation in ALT activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Maltese Mix Serum Biochemistry: Severely elevated ALT activity (from 225 to 1006), elevated GGT and AST activity

SEX Radiographic Findings: N/A.

Intact Male

AGE ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

3 years **Urinary System**

WEIGHT Small urinary bladder with a normal thickness and appearance the wall. Normal anechoic urine with no sediment or uroliths evident.

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

INTERPRETED BY Normal iliac lymph nodes. Ureters not visualized.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Normal renal size (left 4.1 cm, right 3.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

IMAGING PERFORMED BY Normal size (3 x 1.9 cm) and echogenic appearance of the prostate.

Dr Megan Cassels-Conway **Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 1.06 x 0.36 cm, right 0.75 x 0.21 cm.

HOSPITAL NAME **Spleen**

Central Broward Animal Hospital Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, normal vasculature and blood flow. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET **Liver**

Dr Megan Cassels-Conway Normal size and portal markings with a diffuse increased echogenic appearance. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

INVOICE **Gastrointestinal**

302564

DATE 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 lumen distension.

9/20/21



PATIENT *Pancreas*

Bam Bam Isom 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

Maltese Mix

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.

Secondary Findings:

- None.

SEX

Intact Male

AGE

3 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

7.8 #

Although the hepatopathy/elevated liver enzyme activity may be secondary to the recent doxycycline therapy, vacuolar, reactive, acute hepatitis (viral, bacterial, toxins), Leptospirosis needs to be considered.

INTERPRETED BY

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

Further assessment would be FNA cytology of the liver and possibly *Leptospira* titers/PCR.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be ursodiol with regular monitoring of liver enzyme activity. If there is not a satisfactory improvement, then a Tru-Cut/wedge biopsy may be needed for a final etiological diagnosis.

IMAGING PERFORMED BY

Dr Megan Cassels-
Conway

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

Dr Megan Cassels-
Conway

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PATIENT IMAGES

Bam Bam Isom **Liver**

SPECIES

Canine

BREED

Maltese Mix

SEX

Intact Male

AGE

3 years

WEIGHT

7.8 #

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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.

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