


**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Sammie Del Manzano History: Chronically elevated ALT activity.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: Elevated ALT activity and pre-prandial bile acids.

Chihuahua Radiographic Findings: N/A.

**SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**FS *Urinary System***

**Age** Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

3 years Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

**WEIGHT** Normal iliac lymph nodes (0.8 cm). Ureters not visualized.

6.6 # Normal renal size (left 3.2 cm, right 3.7 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**INTERPRETED BY *Reproductive System***

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

***Adrenal Glands***

**IMAGING PERFORMED BY** Normal position, echogenic appearance, shape, and size. Left 0.4/0.36 cm, right 0.34/0.41 cm.

Sonya Myers, DVM

***Spleen***

**HOSPITAL NAME** Normal size (1.1 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Banfield Oviedo

**REFERRING VET**

Dr Narayansingh

***Liver***

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident.

**INVOICE *Gall bladder***

304197

**DATE**

Full containing a small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

5/6/23


**PATIENT** *Gastrointestinal*

Sammie Del Manzano

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.32 cm, duodenum 0.25 cm, jejunum 0.24 cm, colon 0.15 cm) and no distension of the lumen.

**SPECIES**

Canine

*Pancreas*

Normal size (left 0.5 cm, right 0.7 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**BREED**

Chihuahua

*Free Abdomen*
**SEX**

Normal mesenteric lymph nodes (0.9 cm).

No ascites evident.

**FS**

Normal size of the aorta (0.51 cm), portal vein (0.47 cm) and caudal vena cava (0.45 cm) with normal ratio and no obvious turbulent blood flow.

**Age**

3 years

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- None.

Secondary Findings:

- Gall bladder sediment.

**WEIGHT**

6.6 #

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MMedVet (Med), PhD, Dipl.  
ECVIM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Normal ultrasound examination of the abdomen.

Further assessment that could be considered would be FNA cytology of the liver; however, Tru-Cut/wedge biopsy may be required for a final etiological diagnosis.

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

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**HOSPITAL NAME**

Banfield Oviedo

**REFERRING VET**

Dr Narayansingh

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**PATIENT**

Sammie Del Manzano

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

FS

**Age**

3 years

**WEIGHT**

6.6 #

**IMAGES**

**Gall bladder**



**INTERPRETED BY**

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

**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.**

**IMAGING PERFORMED BY**

Sonya Myers, DVM

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**

Banfield Oviedo

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

Dr Narayansingh

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