



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Picco Vasquez History: Abdominal discomfort and spinal pain.

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

Canine Urinalysis: N/A.

CBC: Normal.

**BREED** Serum Biochemistry: Normal.

Terrier Mix Radiographic Findings: Calcification and narrowing of intervertebral space T13-T12 and T12-T11. Suspected microhepatica.

**SEX**

FS

**Age**

10 years

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

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

**WEIGHT**

8.2 kg

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

Normal iliac lymph nodes (0.7 cm). Ureters not visualized.

**INTERPRETED BY**

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

Normal renal size (left 4.5 cm, right 4.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Small cortical cysts.

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Dr Stan Gira

**Adrenal Glands**

Normal shape, echogenic appearance, position, and size. Left 0.51/0.37 cm, right 0.59 cm.

**HOSPITAL NAME**

Sabadilla Animal Clinic

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

Dr Chmielinski

**Liver**

**INVOICE**

304030

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

**Gall bladder**

**DATE**

3/21/23

Full bladder containing normal moderate amount of hyperechogenic sediment. Normal thickness and appearance of the bladder wall. Normal bile duct.



**PATIENT**

***Gastrointestinal***

Picco Vasquez

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. Large amount of gas within the stomach, fecal material within the colon.

**SPECIES**

Canine

***Pancreas***

**BREED**

Terrier Mix

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

**SEX**

Normal mesenteric lymph nodes (0.4 cm).  
No ascites evident.

FS

**Age**

10 years

***Free Abdomen***

**WEIGHT**

8.2 kg

**Primary Findings:**

- Hepatopathy?

**Secondary Findings:**

- Gall bladder sediment.
- Age-related renal changes.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

In essence a normal ultrasound examination of the abdomen.

**IMAGING PERFORMED BY**

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Although the appearance of the liver may be an incidental finding, especially with the normal blood work, reactive, hyperplasia, vacuolar, and chronic hepatitis could be considered and followed up with FNA cytology of the liver.

**HOSPITAL NAME**

Sabadilla Animal Clinic

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Dr Chmielinski

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**PATIENT**

Picco Vasquez

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

FS

**Age**

10 years

**WEIGHT**

8.2 kg

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**IMAGES**

**Liver**



**Gall bladder**



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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