



**PATIENT PRESENTING CLINICAL SIGNS**

Parker Parker History: Weight gain, polyphagia, general anxiety. Previous pancreatitis and limping.

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

Canine Urinalysis: SG 1.061, 2+ protein, negative sediment.

CBC: Normal.

**BREED** Serum Biochemistry: Elevated ALP activity. Poor suppression with LDDS test. Calcium was elevated but now within reference range as well as ionized calcium and PTH. Normal T4.

Terrier Mix

Radiographic Findings: N/A.

**SEX**

MN

**AGE**

4½ years

**WEIGHT**

24.2 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Small urinary bladder with a normal thickness and appearance 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 (left 5.2 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

Small hypoechogenic prostate.

**Adrenal Glands**

Normal shape, echogenic appearance, position, and size. Left 0.51/0.51 cm, right 0.51/0.6 cm.

**Spleen**

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

**Liver**

Normal size, echogenic appearance, portal markings. No nodules or masses evident. Full gall bladder containing small amount of 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 (duodenum 0.36 cm, jejunum 0.43 cm) and peristaltic activity, and no distension of the lumen.

**IMAGING PERFORMED BY**

Dr Lucas Budden

**HOSPITAL NAME**

Frontier Veterinary  
Hospital

**REFERRING VET**

Dr Lucas Budden

**INVOICE**

302972

**DATE**

5/18/22



**PATIENT** *Pancreas*

Parker Parker 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** Intra-abdominal fat accumulation.

Terrier Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- None.

**AGE** Secondary Findings:

- Gall bladder sediment.

**WEIGHT**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The gall bladder sediment is most likely an incidental finding but should be monitored for possible development of a mucocele.

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Although the presenting clinical signs and abnormal LDDS test are indicative of Cushing's disease, the hypersthenuria, normal T4, and normal ultrasound appearance of the adrenals and liver tend to negate those findings.

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Further assessment would be ACTH stimulation test and if abnormal then therapy for Cushing's disease should be considered.

Symptomatic therapy of the gall bladder would be ursodiol.

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**PATIENT**

Parker Parker

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

MN

**AGE**

4½ years

**WEIGHT**

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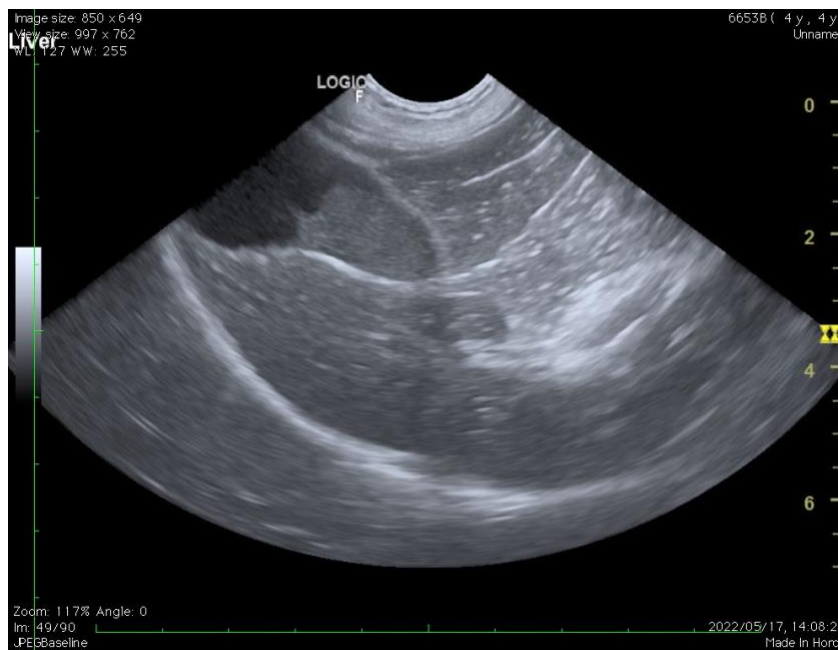
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**IMAGES**

**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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