



**PATIENT PRESENTING CLINICAL SIGNS**

**Biscuit Dhillion**  
History: Lethargy.  
**SPECIES**  
Physical Examination: N/A.  
Canine  
Urinalysis: N/A.  
**BREED**  
CBC: Mild regenerative anemia.  
Chihuahua  
Serum Biochemistry: Hypoproteinemia, mildly elevated liver enzyme activity.  
Radiographic Findings: N/A.

**SEX**

FS

**Age**

6 years

**WEIGHT**

4.1 kg

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness (0.1 cm) and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

Normal iliac lymph nodes (0.2 cm). Ureters not visualized.

Normal renal size (left 3.8 cm, right 4 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and pelvis and capsule.

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Dr Belan

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 0.44/0.34 cm, right 0.34/0.36 cm.

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Resolution Veterinary  
Ultrasound

**Spleen**

Normal size (0.7 cm) 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 Sam

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness (0.1 cm) and appearance of the gall bladder wall. Normal bile duct (0.3 cm).

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**Gastrointestinal**

**DATE**

8/18/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.39 cm, duodenum 0.28 cm, jejunum 0.21 cm, colon 0.1 cm) and peristaltic activity, and no distension of the lumen. Gas within the GI tract, fecal material within the colon.



**PATIENT** *Pancreas*

Biscuit Dhillion Normal size (right 0.8 cm, left 1.3 cm) and echogenic appearance. Regular capsule. Hyperechogenic echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.  
No ascites.

**BREED** Normal size of the aorta, caudal vena cava, and portal vein.

Chihuahua

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- Pancreatitis?

**Age** Secondary Findings:

- Age-related renal changes.

**WEIGHT**

4.1 kg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Although the pancreas appears ultrasonographically normal, the appearance of the peri-prostatic tissue is indicative of inflammation.

With the anemia and hypoproteinemia, intestinal parasites and gastric/duodenal ulceration needs to be considered.

Further assessment would be fecal analysis, cPL/PSL assay, and possibly endoscopy of the upper GI tract with biopsies.

Specific therapy would be dependent on an etiological diagnosis.

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**PATIENT**

Biscuit Dhillion

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

FS

**Age**

6 years

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**IMAGES**

**Pancreas**



**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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