



**PATIENT PRESENTING CLINICAL SIGNS**

**Kiki Burke** History: Stunted puppy with recurrent hypoglycemia.

**SPECIES** Physical Examination: Pyrexia.

Canine Urinalysis: N/A.

CBC: Normal.

**BREED** Serum Biochemistry: Normal.

Yorkshire terrier Radiographic Findings: N/A.

**SEX**

Female

**AGE**

7 weeks

**WEIGHT**

1.5 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness and appearance of 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, capsule and pelvis with the echogenic appearance and cortico-medullary differentiation compatible with the patient's age.

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Tim Hunt

**Adrenal Glands**

Normal shape, position, echogenic appearance, and size.

**HOSPITAL NAME**

Bayshore Veterinary  
Hospital

**Spleen**

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

**REFERRING VET**

Tim Hunt

**Liver**

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

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302774

**Gastrointestinal**

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.

**DATE**

2/20/22



**PATIENT** *Pancreas*

Kiki Burke Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

**BREED** No ascites.  
Similar size of the aorta, caudal vena cava, and portal vein with no obvious turbulent flow evident.

Yorkshire terrier

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary findings:

Female 

- None.

**AGE** Secondary findings:

7 weeks 

- None.

**WEIGHT**

1.5 #

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Normal ultrasound examination of the abdomen with no obvious porto-systemic shunt evident.

Although a PSS may still be present, other etiologies to consider would be hypoglycemia of toy breeds, primary portal vein hypoplasia, infection with secondary hypoglycemia, parasitic enteritis, and poor diet.

Further assessment that could be considered would be fecal analysis, bile acids (if not already done) and CT angiography, if the pre-and post-prandial bile acids are abnormal,

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**HOSPITAL NAME**

Bayshore Veterinary Hospital

**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.**

**REFERRING VET**

Tim Hunt

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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