

**PATIENT PRESENTING CLINICAL SIGNS**

**Toby Hernandez** History: Weight loss with normal appetite. Difficulty in defecating and occasionally vomits after eating.

**SPECIES** Physical Examination: BAR, enlarged and tense abdomen.

Canine Urinalysis N/A.

**BREED** CBC: N/A.

Shih Tzu Serum Biochemistry: N/A.

Radiographic Findings: N/A.

**SEX**

Male

**AGE**

14 years

**WEIGHT**

18 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness 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 with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

**Reproductive System**

Small hypoechogenic prostate.

**Adrenal Glands**

Poorly visualized.

**Spleen**

Normal size (2 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size with a diffuse hyperechogenic and fine nodular appearance, and some loss of portal markings. No masses evident. Full gall bladder containing normal bile. Normal thickness and appearance 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 and peristaltic activity, and no distension of the lumen.

**IMAGING PERFORMED BY**

Dr Paul Kim

**HOSPITAL NAME**

Ridgefield Park Animal  
Hospital

**REFERRING VET**

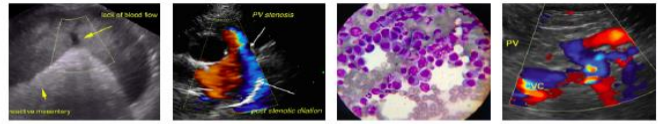
Dr Paul Kim

**INVOICE**

302740

**DATE**

2/10/22



**PATIENT** *Pancreas*

Toby Hernandez 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.

**BREED** No ascites.  
Irregular hyperechogenic mass (3 cm) in the region of the left kidney.

Shih Tzu

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- Male
- Nodular hepatopathy.
  - Abdominal mass, which does not seem to be associated with any particular organ.

**AGE**

14 years Secondary Findings:

- Age-related renal changes.

**WEIGHT**

18 #

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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Etiologies for the nodular hepatopathy would be age-related, reactive, vacuolar, nodular regeneration, chronic hepatitis, early cirrhosis, granulomatous disease, and neoplasia.

Etiologies for the mass would be granuloma, organized hematoma, organized abscess, focal steatitis, and neoplasia.

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Initial further assessment would be CBC, serum biochemistry, 3-view thoracic radiographs, and FNA cytology of the liver and mass.

Specific therapy would be dependent on an etiological diagnosis.

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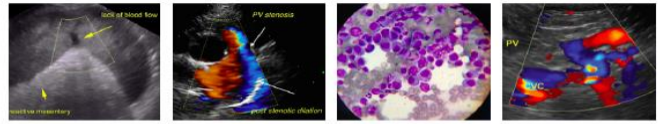
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**PATIENT IMAGES**

Toby Hernandez **Liver**

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

Male

**AGE**

14 years

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**Abdominal mass**

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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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