


**PATIENT PRESENTING CLINICAL SIGNS**

Tuesday Johns History: Acute onset lethargy, sleeping, anorexia, and discomfort when picked up.

**SPECIES** Physical Examination: Tense abdomen, spinal hyperpathia.

Canine Urinalysis: N/A.

CBC: Normal.

**BREED** Serum Biochemistry: Normal.

Shih Tzu Radiographic Findings: N/A.

**SEX**

FS

**Age**

9 years

**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.

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

7.3 kg 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.

**INTERPRETED BY**

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

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Dr Schwanebeck

**Adrenal Glands**

Normal position, echogenic appearance, shape, and size.

**HOSPITAL NAME**

Animal Emergency Hospital  
 Deland

**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 Schwanebeck

**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 and echogenic appearance of the gall bladder wall. Normal bile duct.

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**Gastrointestinal**
**DATE**

3/2/23

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristalsis, and no distension of the lumen. Ingesta and chyle within the stomach and small intestine, respectively.



**PATIENT** *Pancreas*

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

**SPECIES** *Free Abdomen*

Canine Normal mesenteric lymph nodes.  
No ascites evident.

**BREED**

Shih Tzu

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Primary Findings:

FS

- None.

**Age**

Secondary Findings:

9 years

- Age-related renal changes.

**WEIGHT**

7.3 kg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

In essence a normal ultrasound examination of the abdomen.

**INTERPRETED BY**

With the presenting clinical signs spinal cord disease (disc prolapse, meningitis, neoplasia) needs to be considered with further assessment being neurological examination and possibly MRI scan.

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**PATIENT**

Tuesday Johns

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

FS

**Age**

9 years

**WEIGHT**

7.3 kg

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**IMAGES**

**Left kidney**



**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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