



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Stache Messier  
**SPECIES** Canine  
**BREED** Shih Tzu

History: Cranial nerves: normal Proprioception: normal Gait: ataxic, two-engine gait - LFL/LPL appear to be moving faster than the RS intermittently when observed for some time Tendency to stumble on RPL and fall No overt evidence of pain on manipulation of cervical spine No overt evidence of back pain Had difficulty getting up/righting himself O noticed he would walk then fall down Went to referring veterinarian on August 16 and performed BW: CBC: within normal limits Chem: within normal limits 4Dx: negative Fecal OPG: pending Stache was dewormed with Dolpac after this visit August 17 was seen again - more wobbly than before X-rays performed at this visit Prescribed meloxicam which was given Tuesday and Wednesday night August 18 - didn't finish his dinner and had a urinary accident in the bed which is unusual for him Drinking water normally No defecation since August 16 Very lethargic today and reluctant to move No c/s/v/d No witnessed trauma and is well supervised No known ingestions but could potentially get into chicken feces - O has chickens on the property Abnormal PE/Chem/CBC/UA Results:

**SEX COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

**SEX** Male  
 A pre- and post-contrast CT study of the abdomen in a soft tissue and bone reconstruction is provided for review.

**AGE COMPUTED TOMOGRAPHIC FINDINGS**

**AGE** 1 Year  
 The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**INTERPRETED BY**

Sebastian Schaub,  
 DVM Dr. med. vet.  
 DipECVDI

Both kidneys present within normal limits for size, shape and organ architecture. A mild to moderate amount of mineral attenuating material is associated with the renal pelvis bilaterally. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted. The urinary bladder contains a moderate amount of sedimenting hyperattenuating (102 HU) unformed material. The right testicle is appreciated in the subcutaneous tissue level with the right inguinal canal.

**HOSPITAL NAME**

Animal Health  
 Partners

The adrenal glands are within normal limits for size, shape and organ architecture.  
 Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**REFERRING VET**

Dr. Marchal

A very mild amount of hyperattenuating sludge is attached to the gallbladder wall.  
 The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**DATE**

8/20/21



**PATIENT** The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

Stache Messier

The bony and surrounding soft tissue structures reveal no abnormalities.

**SPECIES COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
  - Hyperattenuating sediment in urinary bladder
  - Nephrolithiasis without evidence of obstruction
  - Right sided inguinal cryptorchidism
- BREED**
  - Mild gallbladder sludge
  - No evidence of ureteral obstruction

Shih Tzu

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX** The current CT study of the abdomen presents no specific abnormality, but evidence of crystalluria/moderate amount of cellular debris in the urinary bladder. The urinary bladder wall is thin, this might be due to the advanced filling status. Recommend a complete urinalysis. The urethral flexure is not include in the field of view, rule out obstructive urolithiasis.

Male

**AGE** Castration would be beneficial as the right cryptorchid testicle is predisposed for neoplastic transformation.

1 Year

Given the clinical signs a CT or MR study of the cervical spine appears beneficial.

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**PATIENT**

Stache Messier

**SPECIES**

Canine

**BREED**

Shih Tzu



**SEX**

Male

**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.**

**AGE**

1 Year

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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