



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Marcy Castillo **PRESENTING CLINICAL SIGNS** History: Chronic right forelimb lameness, recently showed neurologics signs affecting the right limbs (thoracic and pelvic). Hx of vomiting and diarrhea recently.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: No neuro deficits were noted prior to CT. Varus affecting the front limbs. Overcrowded incisors.

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX, ABDOMEN AND SPINE**

**BREED** A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

Shih Tzu

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX Skull:**

**SEX** Spayed Female **Skull:** Multiple teeth are absent. Triadan 110 presents a moderate widening of the periodontal space.

**AGE** The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

**AGE** 6 Years Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY** Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement.

**HOSPITAL NAME** The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME** Mobile Pet Imaging The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**REFERRING VET Thorax, including the front limbs:**

**REFERRING VET** Meaux The brachial plexus bilaterally is within normal limits.

**INVOICE** The volume of the musculature of the right front limb is mildly reduced. The radius and ulna bilaterally present a symmetric procurvatum conformation.

12504 The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**DATE**

8/11/21



**PATIENT**

Marcy Castillo

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**SPECIES**

Canine

The caudodorsal aspects of the lung present moderate dystelectasis.

**BREED**

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Shih Tzu

**Abdomen:**

**SEX**

Spayed Female

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

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

**AGE**

6 Years

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.

**INTERPRETED BY**

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

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

**HOSPITAL NAME**

Mobile Pet Imaging

The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Meaux

- Procurvatum conformation radius and ulna bilaterally
- Periodontal disease 110
- Multiple absent teeth
- Dystelectasis of the lung, due to general anesthesia
- Structural normal abdomen
- Normal cervical, thoracic and lumbar spine

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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The current CT study presents no specific abnormality, explaining the right front limb lameness or hemiparesis. An ultrasound examination of the shoulder joint can be considered in case of strong



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clinical suspicion of pathology of the bicipital tendon or rotator cuff injury. If there is clinical evidence of underlying pathology of the CNS, a myelographic CT study or MRI study of the spine is recommended.

**SPECIES**

Canine

The procurvatum conformation is due to the 'normal' chondrodystrophic skeletal conformation of the patient.

**BREED**

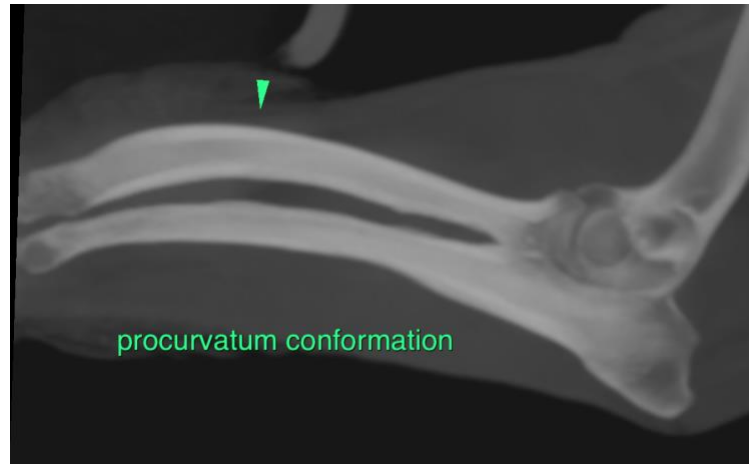
Shih Tzu

**SEX**

Spayed Female

**AGE**

6 Years



**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.**

**INTERPRETED BY**

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DVM Dr. med. vet.  
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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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**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

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