



**PATIENT PRESENTING CLINICAL SIGNS**

Skittles Muston Vestibular syndrome: Pronounced head tilt, left side down, Murmur - Grade III-IV/VI

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

**SPECIES**

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

**Head**

Schnauzer Mix

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

FS

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

**AGE**

14 Years

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The osseous cochlea and labyrinthium of the inner ear present within normal limits. The external auditory meatuses present within normal limits.

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

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.

The salivary glands present within normal limits.

**HOSPITAL NAME**

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The teeth present multifocal moderate to severe periodontal disease and multifocal resorption of their dental roots is noted. The changes are most pronounced for the triadans 108, 109, 208, and 209.

**Thorax**

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 are uniform and considered within normal limits.

**REFERRING VET**

Borecky

The cardiovascular structures including the pulmonary vasculature are within normal limits. No evidence of left atrial enlargement or left atrium is less than 1.5 the diameter of the aortic root. There is no evidence of cardiogenic pulmonary edema.

**INVOICE**

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The lung and bronchial tree present within normal limits except for mild bronchial wall enhancement in the ventral aspect of the right caudal lung lobe.

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



**PATIENT**

Skittles Muston

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SPECIES**

Canine

- Normal CT findings of the middle and inner ear.
- Normal CT findings of the brain.
- Severe multifocal periodontal disease.
- Normal age related findings of the thorax.
- No evidence of congestive heart failure.

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Schnauzer Mix

The negative CT findings do support the potential of idiopathic/geriatric vestibular syndrome. Complementary csf analysis could be considered to screen for inflammatory/infectious, neurodegenerative, metabolic/toxic pathology.

**SEX**

Consider dental workup when possible.

FS

**AGE**

14 Years

**INTERPRETED BY**

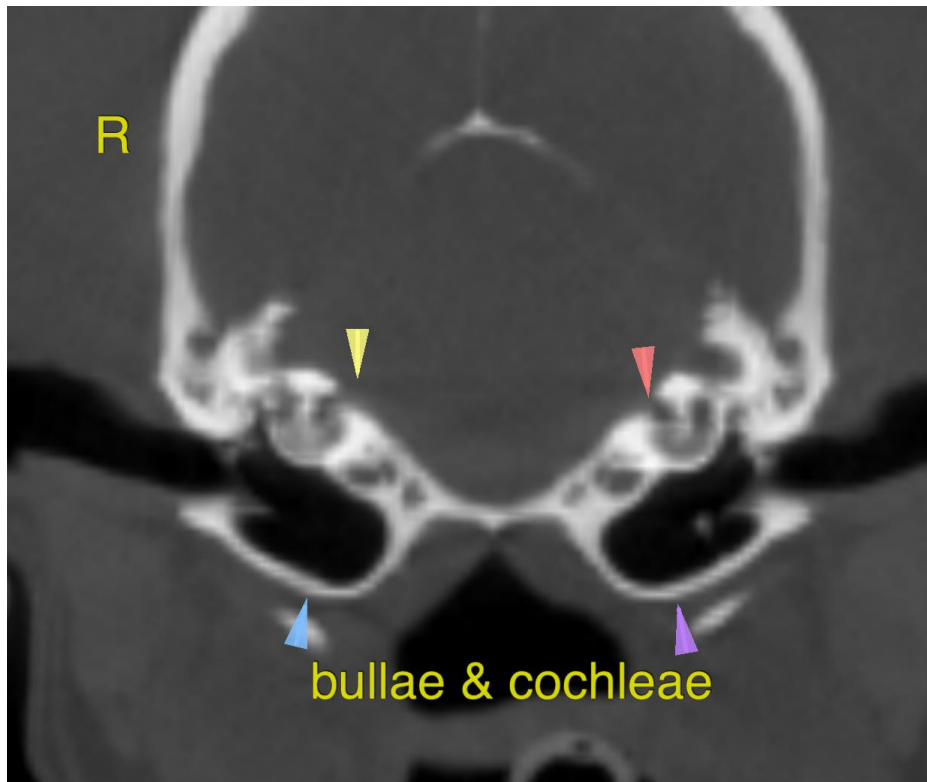
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

Schnauzer Mix

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**SEX**

FS

**AGE**

14 Years

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