



PATIENT

PRESENTING CLINICAL SIGNS

Kilo Renee Fleminks

O noticed this morning that P had head tilt, was wobbling and falling over. N C/S/V/D. No meds. Had ear infection about 4 months ago. left sided head tilt with rotary nystagmus fast phase counter clockwise, unable to maintain balance.

SPECIES

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine

Plain and post contrast studies available for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Chihuahua 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. Mild bilateral lateral ventriculomegaly is seen. An open fontanelle is seen.

SEX

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

MN

AGE

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

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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. Mild generalized thickening of the epithelial lining of both external auditory meatuses is seen. A mild amount of hypoattenuating material is present within the lumen of the external auditory meatuses. The osseous cochlea and labyrinthium of the inner ear presents within normal limits.

INTERPRETED BY

Nele Eley, 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.

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The salivary glands present within normal limits.

The dentition is incomplete with multiple tooth elements being absent. Severe multifocal periodontal disease of the remaining tooth elements accentuated at the triadan 104 where an emerging dental-nasal fistula is seen as well as at the triadans 207, 208, 304, and 409, which reveal severe tooth root and alveolar bone resorption.

REFERRING VET

Dr. Horsley

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal CT findings of the brain, inner, and middle ear.
- Mild bilateral otitis externa.
- Severe multifocal periodontitis.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

The CT study reveals no structural evidence of intercranial pathology, middle ear, or inner ear disease which could cause the patient's clinical signs.

8-22-22

The negative CT findings support the tentative diagnosis of idiopathic/geriatric vestibular



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syndrome. Complementary csf analysis could be considered in order to rule out differential diagnoses such as inflammatory/infectious, metabolic/toxic, or neurodegenerative brain disease.

SPECIES

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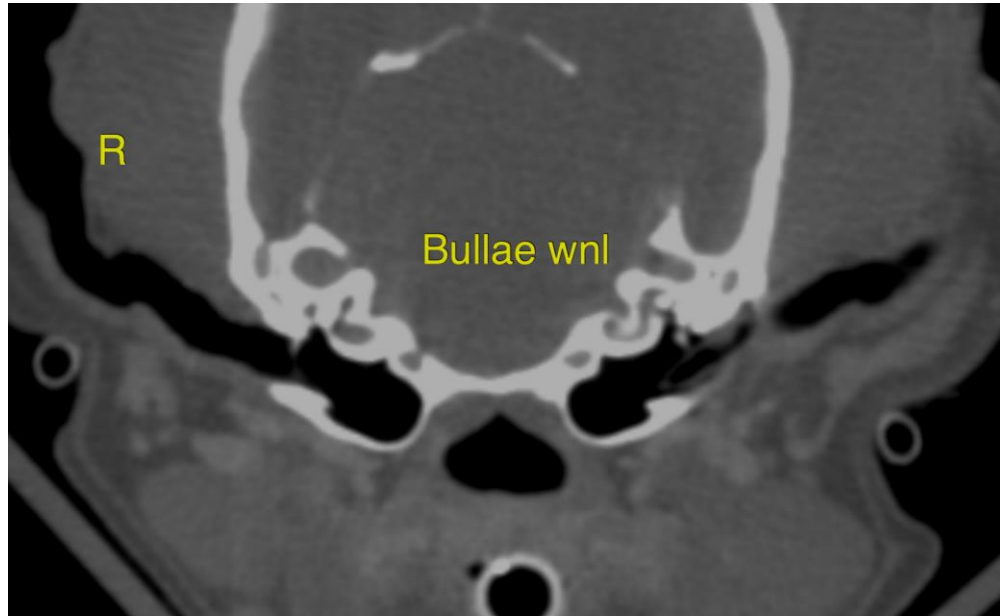
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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REFERRING VET

Dr. Horsley

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