



PATIENT PRESENTING CLINICAL SIGNS

Petunia Villegas Pet went to ER due to walking towards the right with a held tilt but also not being able to use legs; O took pet to neurologist who suspects its a vestibular issue.
Abnormal PE/Chem/CBC/UA Results: Reticulocytes and WBC slightly increase. Neutrophils 14,87 (2.95-11.84). Otherwise WNL

Canine COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & CERVICAL

BREED A pre- and post-contrast CT study of the head and cervical are provided for review totaling 3 series. One pre-contrast series of the head and cervical, bone algorithm. Two post-contrast series of the head and cervical, soft tissue algorithm.

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

SEX No mass effect is seen in the brain, normal attenuation. No evidence of ventriculomegaly.

Female Spayed

The horizontal portion of the external auditory canals are narrowed with moderate thickening of their epithelial lining. The tympanic bullae present wall hyperostosis with hyperostosis and mildly irregularity of the petrous temporal bone; however, no evidence of osteolytic changes or interruption. No clear evidence of meningeal enhancement in the adjacent region.

AGE

1 Year, 11 Months

The nasal cavities and turbinates are symmetrical and intact. No evidence of hypoattenuating fluid accumulation. Aberrant turbinates are seen within the choana/nasopharyngeal meatus, incidental for brachycephalic dogs.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The soft palate is moderately thickened causing a partial airway obstruction in the nasopharynx. The thickness measures approximately 1.2cm. The remainder portions of the nasopharynx and larynx are normal.

The cribriform plate is intact.

HOSPITAL NAME

Mobile Pet Imaging

The frontal sinuses are rudimentary, incidental for brachycephalic dogs.

The temporomandibular joints are bilaterally congruent.

The fascial, cervical, and head muscle mass is symmetrical, and unremarkable.

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The globes and retrobulbar spaces are unremarkable.

The triadans 105, 106, 206, 207, 301 and 401 are absent.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

INVOICE

59894

The T2 and T5 vertebra present a variable wedge shape appearance.

DATE

8-23-23

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral hypoattenuating with enhancing material in tympanic bullae and hyperostosis, the differential diagnosis includes otitis media, thickening of the tympanic wall and/or cholesteatoma.
- Narrowing of the external auditory canals, and otitis externa.



PATIENT

Petunia Villegas

- Abnormal thickening of the soft palate, the differential diagnosis includes hypertrophy that occurs in the brachycephalic breed. The consequence is an obstruction of the airway in the nasopharyngeal portion.
- Aberrant turbinates within the nasopharyngeal meatus, incidental and correlated to the brachycephalic breed.

SPECIES

Canine

- The triadans 105, 106, 206, 207, 301 and 401 are absent.
- T2 and T5 hemivertebra, incidental and correlated to the brachycephalic breed.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

French Bulldog

No evidence of mass effect in the brain. The tomographic findings show signs of otitis media and narrowing of the external auditory canal. It is possible that narrowing of the external auditory canals is due to otitis externa and due to the brachycephalic breed characteristics. No clear evidence of internal otitis; however, the sensibility of the tomographic exam is low in comparison with MRI. The signs of otitis could or could not be correlated to the present clinical signs of vestibular disease.

SEX

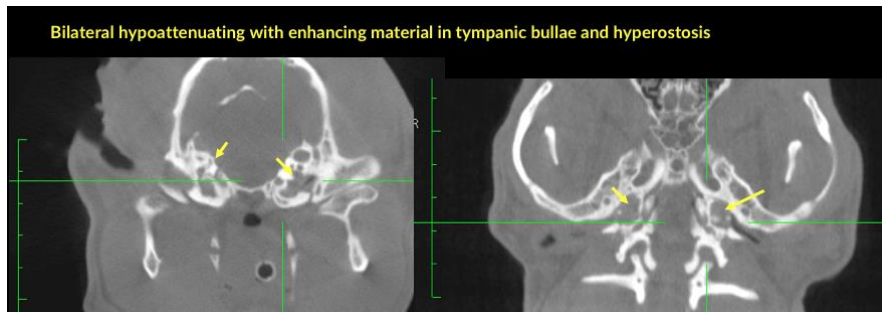
Female Spayed

Correlation of tomographic findings in the ears with otoscopy exam is suggested.

The detected tomographic findings in nasal cavity and thickening of the soft palate are correlated to the brachycephalic obstructive airway syndrome.

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Petunia Villegas

SPECIES

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BREED

French Bulldog

SEX

Female Spayed

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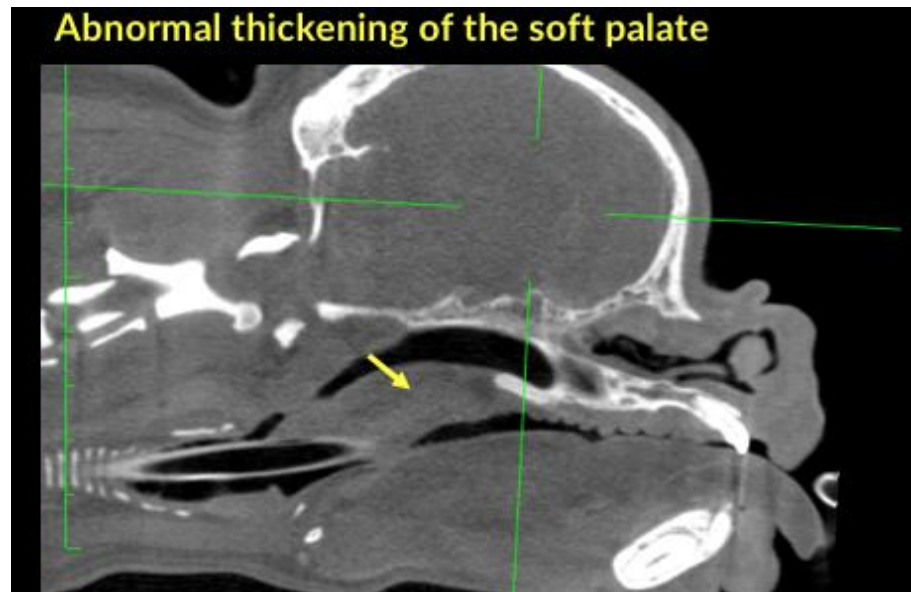
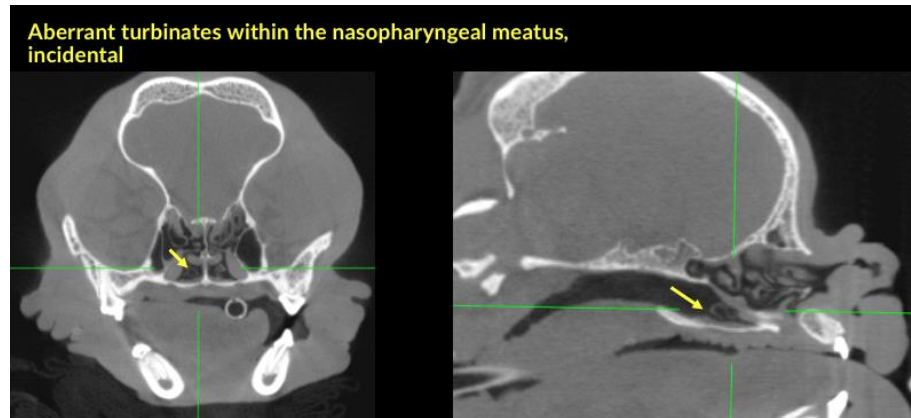
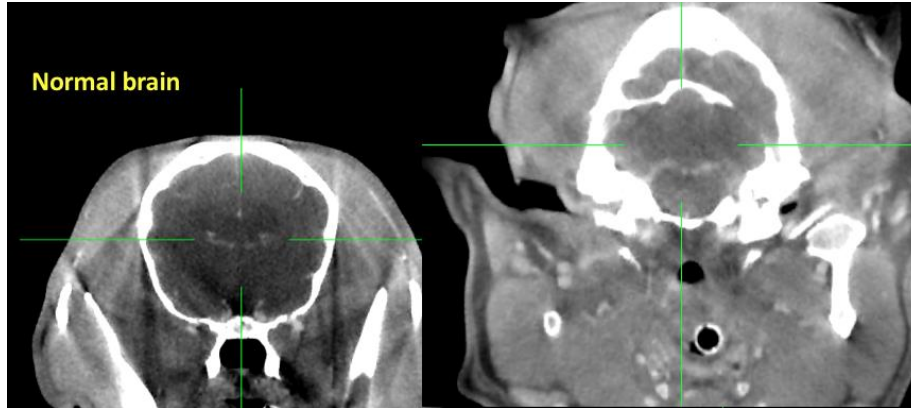
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PATIENT

Petunia Villegas

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com

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SEX

Female Spayed

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