



PATIENT

Alfie Kenyon

PRESENTING CLINICAL SIGNS

24/06/2023 12:07:29 CV1: Owner called as she had noticed yesterday that one side of Alfie's mouth looked different to the other side. Seemed to have a build up of food on that side, drooling and eye a little protruded compared to the other side of the face. 27/7/23 - O noticed head tilt toward left side for about a week, no circling no nystagmus, no sickness. Examination: Big pot belly, rat tail, head tilt towards left side, left side head paralysis. Assessment: Middle ear infection? Tumour? 10/8/23 - Now the right side, not blinking, pooling the tears, droopy lips, Both ears, canals not bad at all, quite hairy, cant see the ear drum.

SPECIES

Canine

BREED

Cross Breed

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Male

Head

A 10 x 9mm sized extraaxial suprasellar mass is seen in the midline position level with the pituitary gland. The contrast enhancement within the mass is moderate and uniform. Moderate mass effect on the thalamus and hypothalamus is noted. There appears to be mild dilation of the lateral ventricles of the brain.

AGE

6 Years, 9 Months

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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. The external auditory meatuses present within normal limits. The osseous cochlea and labyrinthium of the inner ear present within normal limits on both sides. The tympanic membranes appear to be intact.

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 visible dentition is within normal limits.

INVOICE

59822

Neck

Both lobes of the thyroid gland are seen and present within normal limits.

The axial cervical musculature presents within normal limits.

DATE

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Course and width of the trachea are considered within normal limits.

No laryngeal abnormality is seen.



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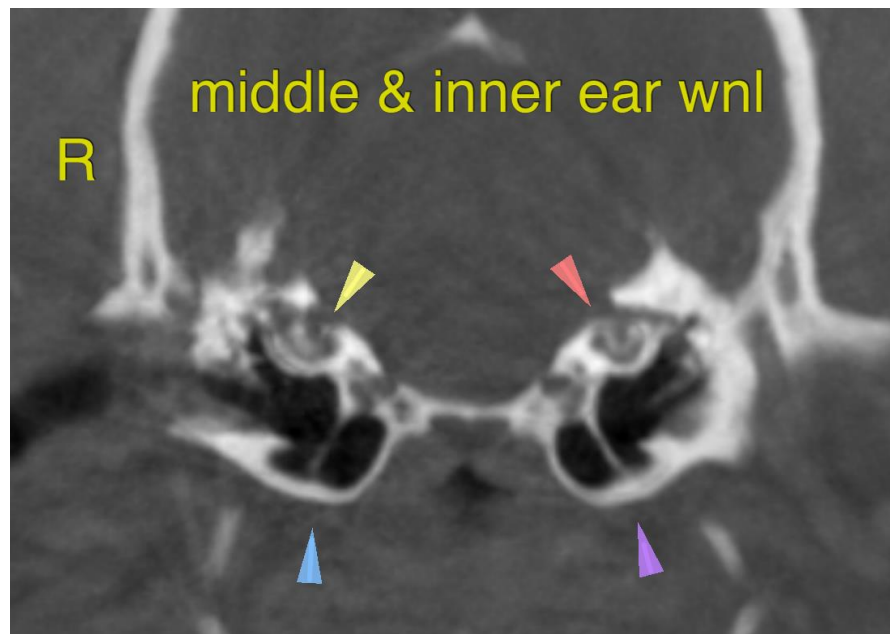
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extraaxial suprasellar intracranial mass with moderate mass effect.
- No evidence of structural pathology of the middle or inner ear.
- No facial nerve changes seen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals an extraaxial suprasellar intracranial mass. Pituitary macroadenoma is a primary differential diagnosis which would also parallel the history of Cushing's weight presentation. Meningioma and round cell neoplasia cannot be ruled out entirely but are thought by far less likely. Correlate with the laboratory values for the testing of the pituitary gland adrenal feedback mechanism could be considered if not performed already.

There was no evidence of middle or inner ear pathology. No facial nerve changes were seen. Idiopathic facial neuropathy appears to be a potential underlying cause of the clinical presentation. The mass effect of the suprasellar mass does not appear to correlate with the clinical signs.





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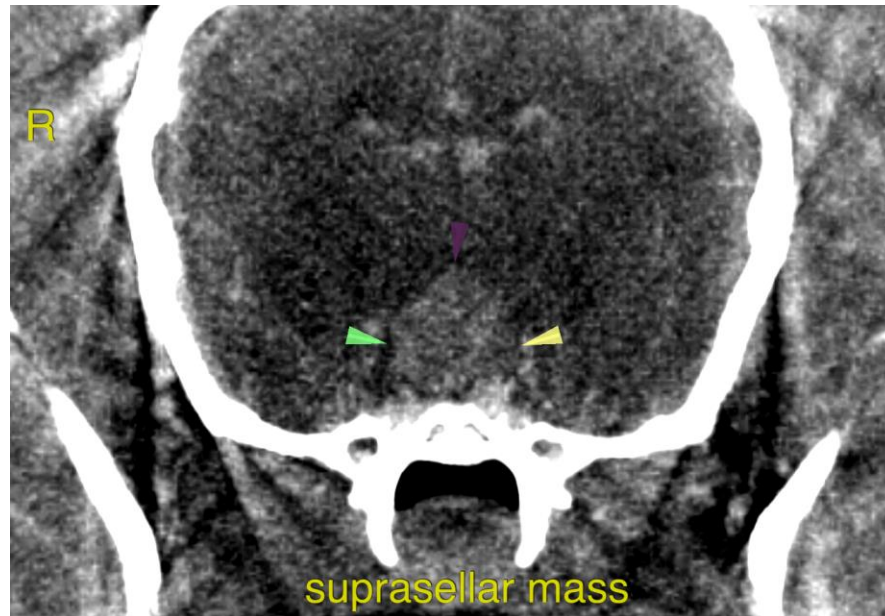
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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