



PATIENT PRESENTING CLINICAL SIGNS

Kitkat Gordon Chronic otitis externa bilaterally. Approx. two months ago, pt developed a right-sided head tilt. Suspect AD otitis interna

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Right sided torticollis. Cataracts OU. Peridontitis and fractured maxillary carnassial teeth. AU chronic otitis - mild pinnal lichenification, erythema, pruritis, canal stenosis. Recent laboratory developments of proteinuria (UPC 2.0) and hypothyroidism.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND CERVICAL SOFT TISSUE

BREED

English Cocker Spaniel

A high-resolution pre- and post-contrast CT study of the head and cervical soft tissue are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Spayed Female

Soft tissue attenuating, heterogeneously contrast-enhancing tissue, and hypoattenuating material fill the entire air space of the tympanic bulla bilaterally. In addition, there is hyperostosis and multifocal osteolysis with a somewhat expansile appearance bilaterally (> right side). There is mild thickening and lysis of the petrosal portion of the right temporal bone.

AGE

13 Years, 9 Months

Bilaterally, the ear canal's lumen, mainly in the proximal horizontal region, is narrowed and completely occluded/filled with the soft tissue attenuating mass associated with hypoattenuating material.

Bilaterally, the wall of the horizontal ear canal is thickened.

INTERPRETED BY

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

No contrast-enhancing caudal fossa or cerebellar fossa is identified.

The nasal cavity, nasopharynx and larynx are normal.

The hyoid apparatus is normal.

The sphenoidal and frontal sinuses are normal.

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The retrobulbar spaces are normal.

The cribriform plate is normal.

REFERRING VET

Meaux

The osseous structures of the calvarium are normal.

The retropharyngeal lymph nodes are asymmetric, mildly enlarged, and heterogeneous. LRFL measures approximately 0.5cm and the RRLF measures approximately 0.3cm. The right mandibular lymph nodes are mildly enlarged and homogeneous.

INVOICE

56545

DATE

2-2-23

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe bilateral chronic destructive otitis media/externa with associated right sided petrous temporal bone thickening and suspect tympanic ear canal mass. Differential diagnosis includes tympanic keratoma and cholesteatoma secondary to otitis media, more severe at the right side.



PATIENT

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- Possible right-side internal ear involvement, internal otitis with correlation to the thickening and mild osteolysis of the petrous temporal bone.
- Bilateral auditory canal stenosis, severe inflammation, or hyperplastic reaction.
- Mild bilateral retropharyngeal and right-sided mandibular lymphadenitis, reactive or metastatic.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The auditory canal's tomographic findings correlate to the patient's history. Severe otitis media, probably otitis interna on the right side. Other differential diagnosis includes other polypoid inflammatory lesions less likely squamous cell carcinoma gland or ceruminous gland carcinoma.

BREED

English Cocker Spaniel

For better analysis of the soft tissue mass, otoscopy and biopsy are suggested. The sensitivity of MRI is higher for this analysis of otitis interna. A biopsy is required for diagnosis. A more aggressive treatment approach may be necessary, for example, TECA.

SEX

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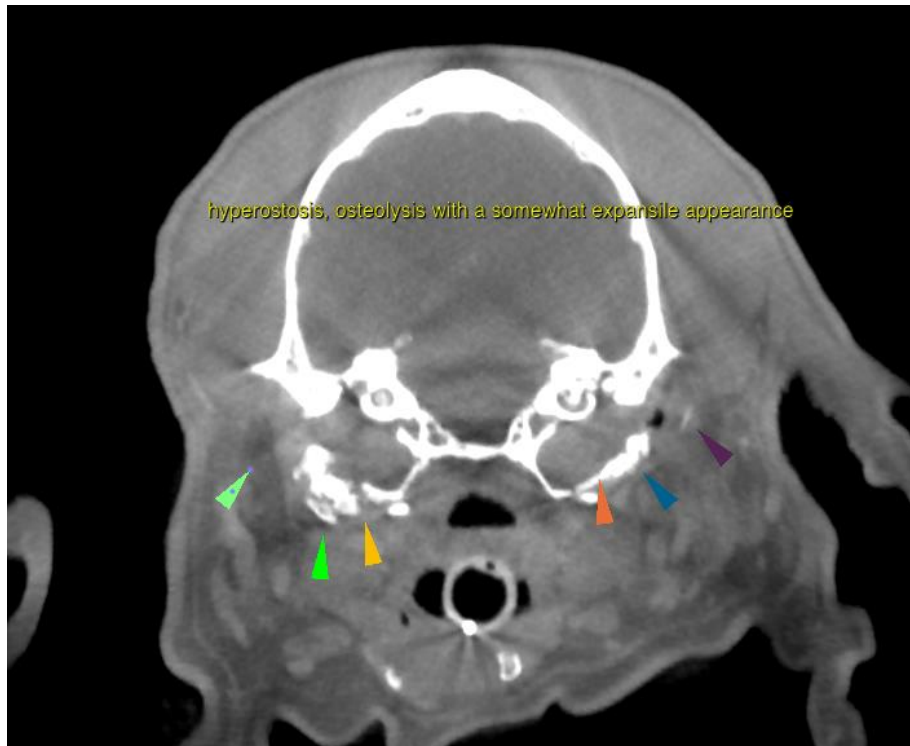
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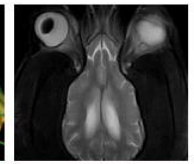
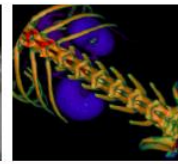
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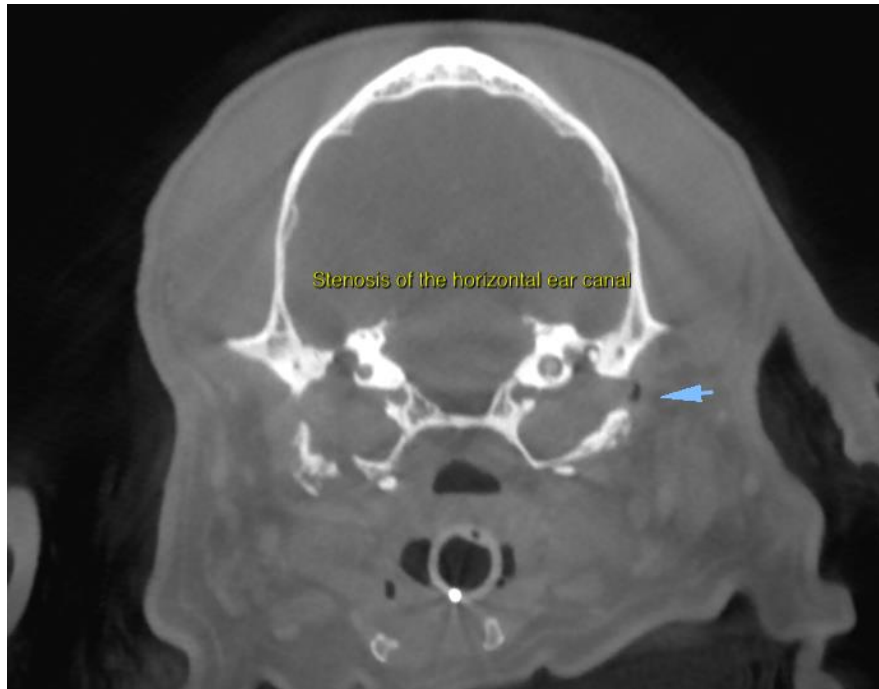
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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