



PATIENT

Portia Rittenhouse

PRESENTING CLINICAL SIGNS

Patient has been seen by rDVM for repeat ear infections since July. She was on mometomax then baytril otic as culture indicated that these were appropriate antibiotics. Had a sedated ear exam 3 days ago with rDVM who could not visualize TM and was concerned they may be ruptured. rDVM cleaned and applied Claro AU. Culture taken on 1/15 - pending Presents for CT today to determine extent of disease and if surgical or medical management is indicated. Current meds (rDVM): Claro (instilled 1/15), Prednisolone 10 mg PO q 4 hours, Ciprofloxacin 500 mg PO BID

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

Labrador

Post-contrast study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

FS

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.

AGE

9

Mild regional mucosal swelling and turbinate destruction are seen in the caudal and dorsal aspect of the right nasal cavity. The remainder of both nasal cavities and frontal sinuses present within normal limits.

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.

HOSPITAL NAME

Wilvet Salem

The epithelial lining of both external auditory meatuses present moderate thickening and increased contrast enhancement. Mild multifocal osseous metaplasia of the ear canal wall is seen. There is a mild amount of hypoattenuating luminal material within the medial aspect of the right external auditory meatus. The right tympanic membrane appears to be intact. Both tympanic bullae are aerated with thin and smooth osseous lining. A small otolith is seen within the right tympanic bulla. A small amount of hypoattenuating material is obliterating the medial aspect of the left external auditory meatus. The material has an abrupt straight border to the tympanic bulla entrance which it renders it likely that the tympanic membrane is intact.

REFERRING VET

Dr. Emily Kalenius,
DVM

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.

INVOICE

49636

The visible dentition is within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic bilateral otitis externa.
- Mild regionally destructive rhinitis of the right nasal cavity.

DATE

1-18-22



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals chronic bilateral otitis externa. The lumen of both external auditory meatuses is largely patent. At this point, only a mild amount of hypoattenuating material are present within both external auditory meatuses. The CT findings suggest that the integrity of the tympanic membranes is maintained. No evidence of concurrent otitis media is seen.

Differential diagnosis for the regionally destructive rhinitis in the right nasal cavity includes viral, bacterial, and mixed infectious rhinitis. Early fungal rhinitis cannot be ruled out entirely, but the changes are not typical for fungal rhinitis at this point. No evidence of foreign material was found. Further workup by means of endoscopy with sampling for culture could be pursued in case of clinical signs.





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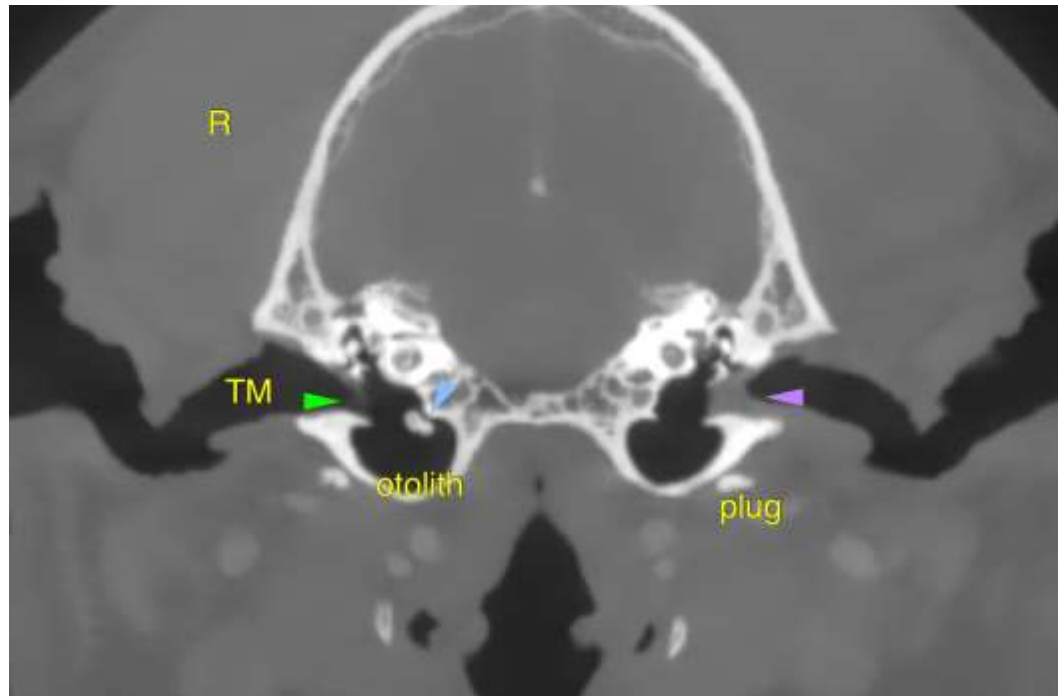
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Wilvet Salem

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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