



PATIENT PRESENTING CLINICAL SIGNS

Sammy Regev Chronic Left ear infections resulting in irritation of the left eye. Left nasal discharge.

COMPUTED TOMOGRAPHY OF THE SKULL

SPECIES A high resolution pre- and post-contrast CT study of the skull is provided for review.

Feline **COMPUTED TOMOGRAPHIC FINDINGS**

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

BREED In the caudal aspect of the nasal cavity bilaterally, a small amount of fluid attenuating material is attached to the nasal mucosal lining, L>R. The remainder of the nasal cavity present the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

DSH

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

SEX

S

The right tympanic bulla is aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The left tympanic bulla is filled with uniform soft tissue attenuating material. The osseous lining of the left tympanic bulla is significantly thickened and mildly irregular. Moderate hyperostosis of the temporal bone level with the zygomatic process is seen. The meningeal lining along the caudal aspect of the left temporal bone is prominent. The osseous segment of the left Eustachian tube is irregular widened and contains a small amount of gas. In comparison to the right external ear canal, the left external ear canal presents a mild thickened wall.

AGE

15 Years, 3 Months

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

INTERPRETED BY

Sebastian Schaub, 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.

HOSPITAL NAME

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Advanced left sided otitis media with hyperostosis of the temporal bone
- Suspect meningeal thickening level with the left temporal bone
- History of left sided otitis externa
- Mild rhinitis

REFERRING VET

Meaux

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

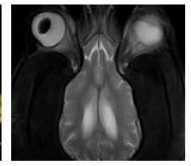
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The CT study presents advanced osseous remodeling of the left tympanic bulla with signs of osteitis of the left temporal bone. The meningeal thickening can indicate accompanying meningitis. The findings are atypical for neoplastic disease and neoplasia originating from the tympanic bulla is very rare. Due to the potential accompanying meningitis, surgical management of the otitis media should be considered and will allow sampling for histopathology to rule out malignancy entirely.

DATE

10-20-22

The mild rhinitis is commonly primary viral ± bacterial superinfection.



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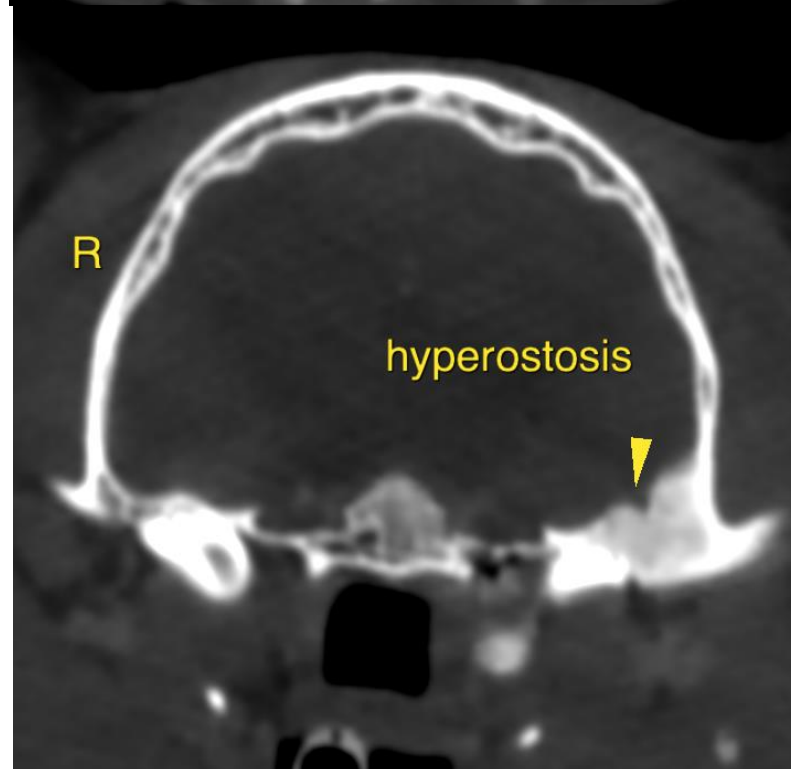
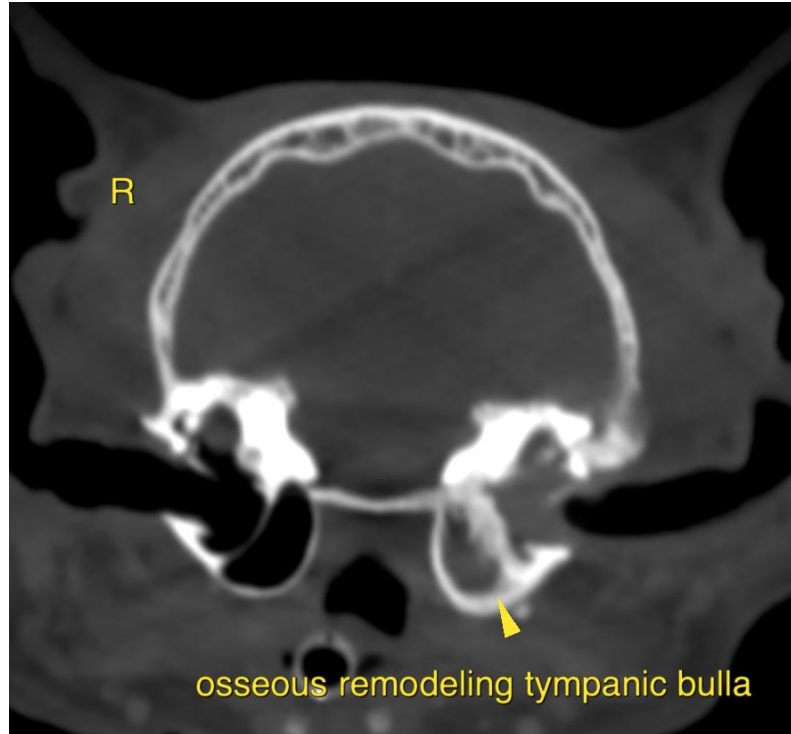
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Feline

BREED

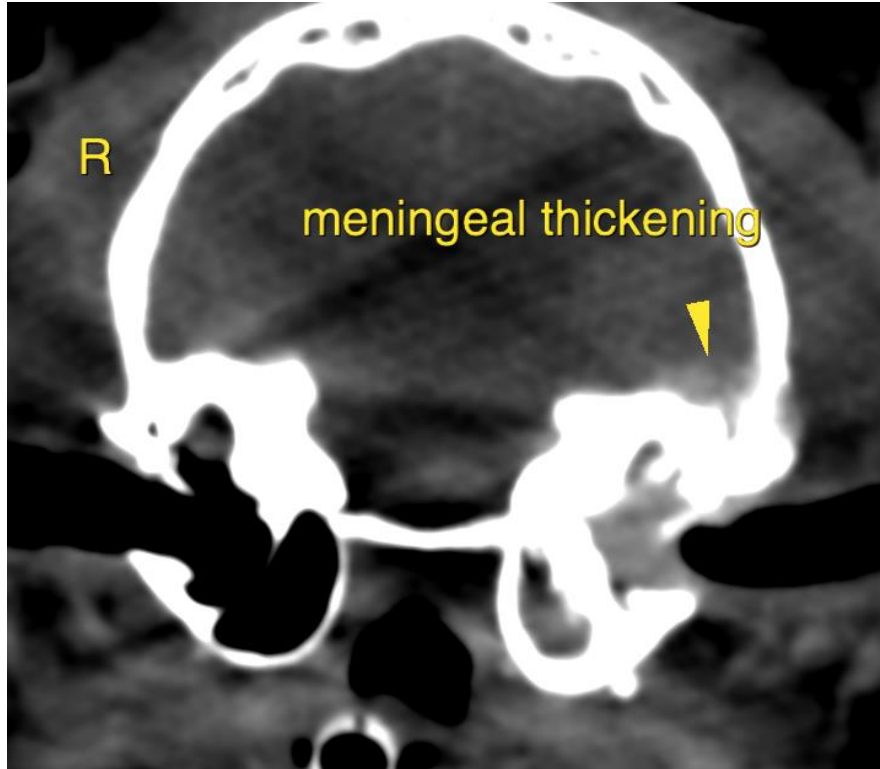
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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