



PATIENT

Cosmo Hartman

PRESENTING CLINICAL SIGNS

Chronic History of sneezing and producing large amount of mucous and purulent debris, not eating as much and loosing weight
 Abnormal PE/Chem/CBC/UA Results: Increased globulins 5.4, BUN 42

SPECIES

Feline

COMPUTED TOMOGRAPHY OF THE HEAD

Pre/post contrast studies provided for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

The neurocranium shows normal findings.

SEX

MN

Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

AGE

10 Years

The right bulla presents an expansile lesion and is completely obliterated with soft tissue dense material protruding the intact tympanic membrane. The mass-like lesion can be traced through the auditory tube into the nasopharyngeal meatus. The latter is focally obstructed.

The right bulla wall shows a mixed pattern of hyperostosis and focal perforations. The petrosal bone appears normal.

INTERPRETED BY

Sebastian Jawinski,
 German Board
 Certified Vet
 Specialist in
 Diagnostic Imaging

The left bulla shows similar findings but less obvious. The bulla wall appears hyperostotic without signs of lysis. The tympanic membrane again is intact. Both external ear canals are ventilated in all sections. The walls of the external ear canals and the adjacent temporomandibular joints have no particular findings.

HOSPITAL NAME

Animal Mansion

Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. Nasal cavities are ventilated with intact conches. The mucous membranes present mild to moderate swelling. The residual maxillary/mandibular teeth show different grades of degenerative changes with periapical lysis of the alveolar bone, multiple residual roots, resorptive dental lesions and a heterogenous texture especially of the maxillary bone.

REFERRING VET

Dr. Parker

Post contrast images show no pathological enhancement. Soft tissues of the head and neck are symmetrical and of homogeneous density, especially the medial retropharyngeal lymph nodes.

INVOICE

52531

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Expansile lesion right bulla protruding the tympanic membrane and extending into the nasopharyngeal meatus
- Otitis media on the left
- FORL with multiple periapical root abscesses, residual roots, resorptive dental lesions and signs of osteomyelitis
- Unspecific signs of a bilateral rhinitis

DATE

6-21-22



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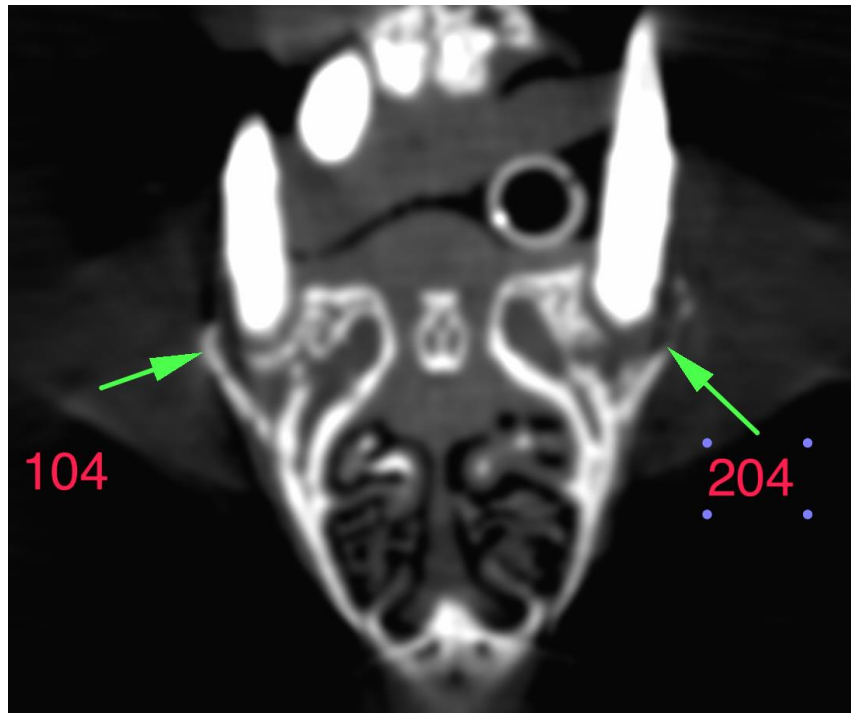
6-21-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings of the right bulla are suspicious for an inflammatory polyp causing chronic otitis media and hyperostosis of the bulla wall with extension into the nasopharyngeal meatus. Malignant neoplasia is not suspected but cannot be fully excluded. Similar but less obvious findings are detected on the left side. Ventral osteotomy of the right bulla and/or rhinoscopic-guided resection of the nasopharyngeal mass should be considered.

The residual teeth and the adjacent bony structures are highly suspicious for advanced FORL. Additional osteomyelitis/secondary bone infection (s. maxillary/mandibular bones) is likely.

The swelling of the mucous membranes is unspecific but may be secondary to FORL and bulla findings.





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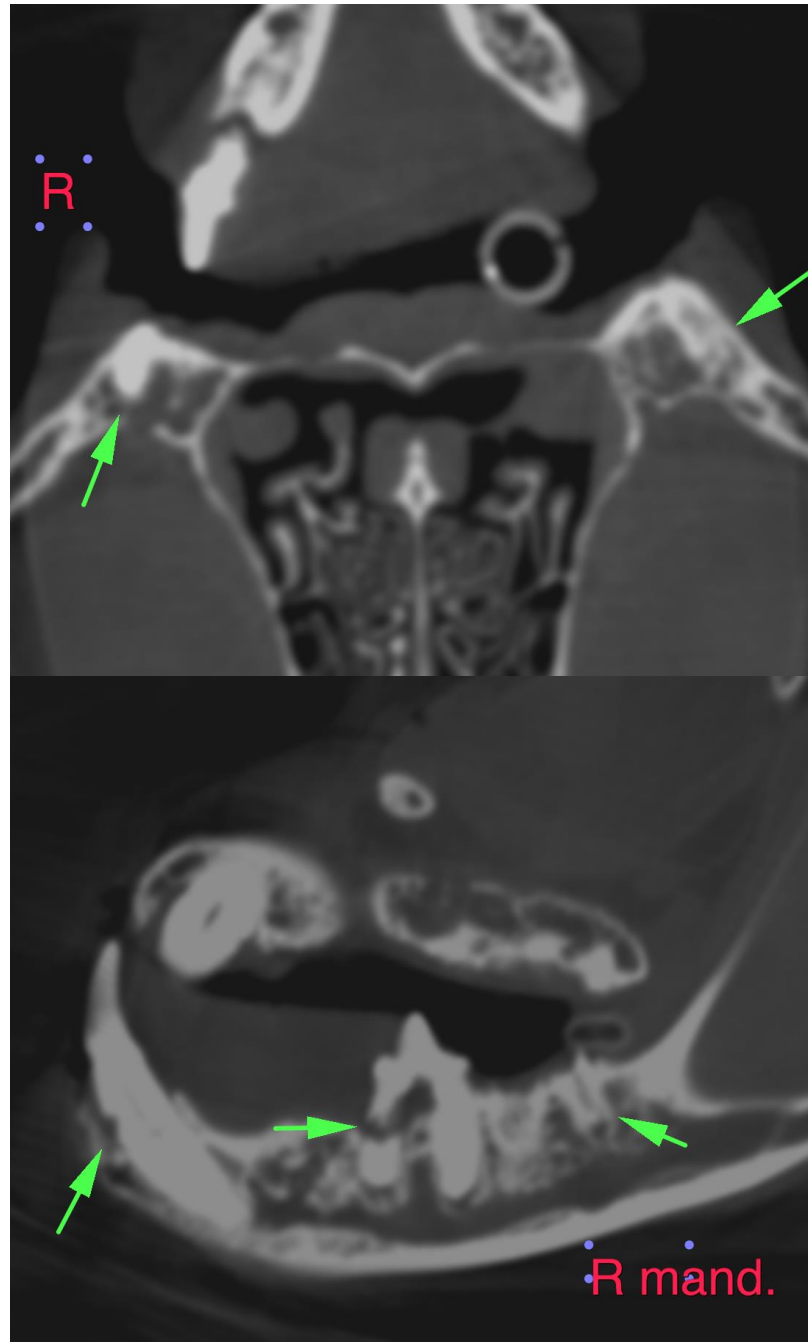
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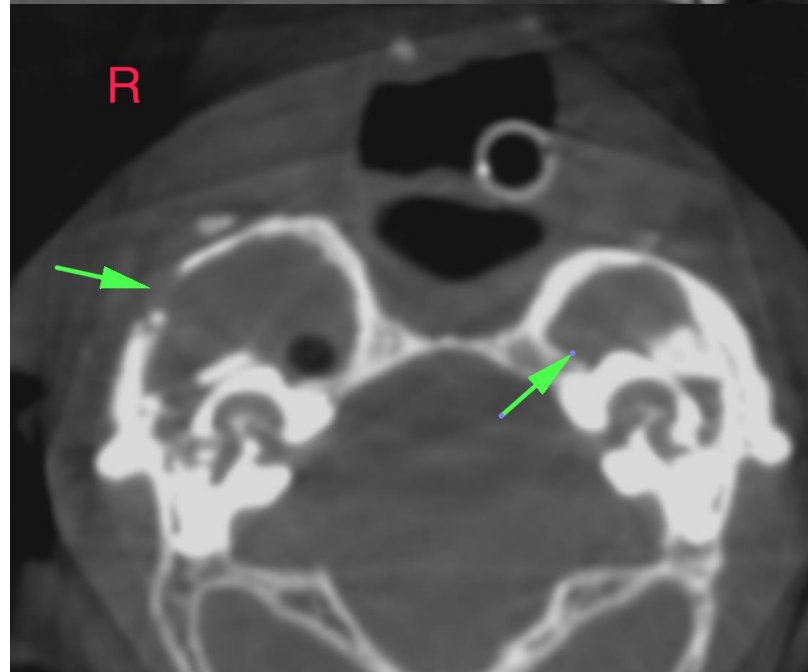
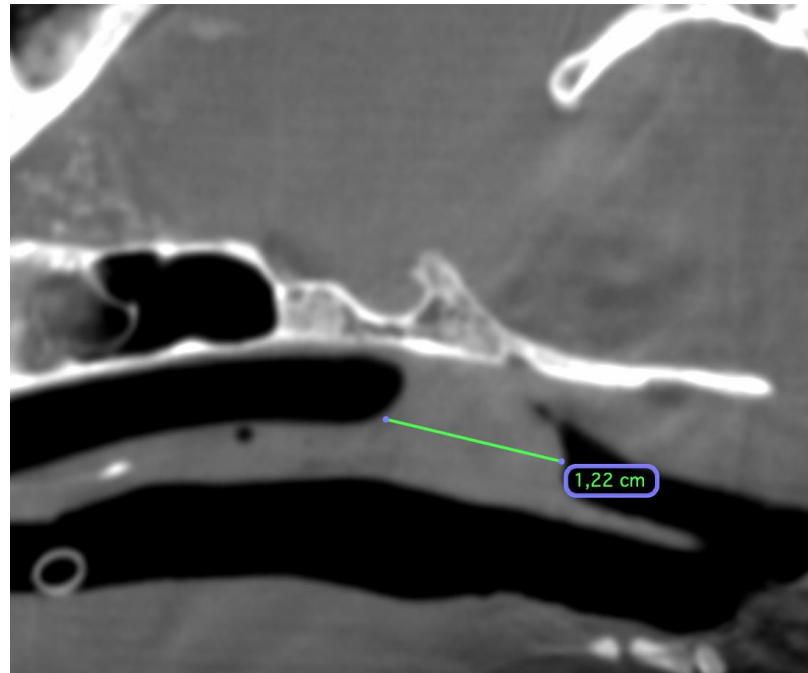
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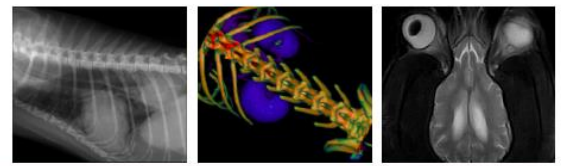
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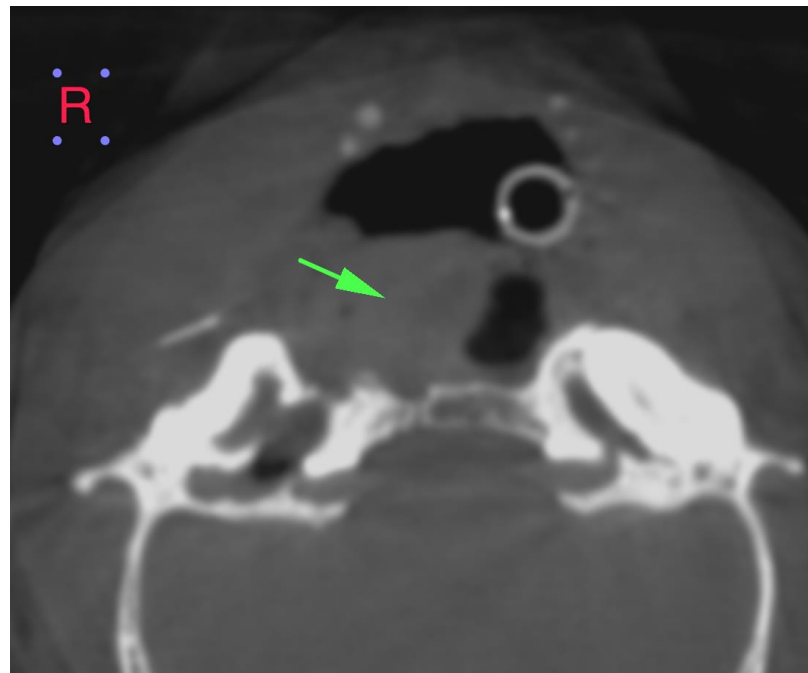
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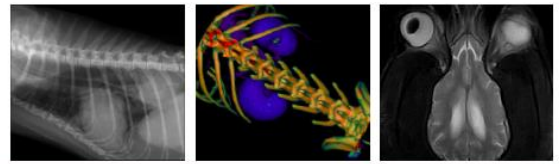
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com

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