



## PATIENT

Maximiliano Yanez

## SPECIES

Canine

## BREED

Chihuahua

## SEX

MN

## AGE

16Y

## WEIGHT

12.2

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

## IMAGING PERFORMED BY

Rosio Castaneda

## HOSPITAL NAME

Scottsdale Veterinary  
Clinic

## REFERRING VET

Dr. Blackmon

## INVOICE

74765

## DATE

4-22-26

## PRESENTING CLINICAL SIGNS

Swelling underneath right ear with central draining tract that communicates with the right ear canal, r/o infection v. neoplasia.

Abnormal PE/Chem/CBC/UA Results: Elevated ALP (1932) - suspect secondary to long term steroids.

## COMPUTED TOMOGRAPHY OF THE SKULL

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

## COMPUTED TOMOGRAPHIC FINDINGS

All teeth, but triadan 107 and 207 are absent. Atrophy of the alveolar bone in all jaw quadrants is appreciated.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. Centered on the horizontal segment of the right external ear canal, a soft tissue attenuating mass with sporadic interspersed punctuate mineralization and a heterogeneous contrast enhancement pattern – sparing multiple fluid attenuating multiloculated areas – is visible. The affected segment of the right external ear canal is obliterated by the mass, and the mass is extending rostrally up to lateral aspect of the caudal third of the right zygomatic arch and caudally in the subcutaneous tissue up to the level of the right ala of C1. In the medial aspect the soft tissue swelling is bulging into the retropharyngeal tissue, mildly distorting the nasopharynx.

The left external ear canal is irregularly thickened.

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.

The mandibular lymph nodes bilaterally and the left medial retropharyngeal lymph node are prominent.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multicameral soft tissue mass obliterating right external ear canal
- Lymphadenopathy mandibular lymph nodes bilaterally and right medial retropharyngeal lymph node
- Left sided chronic otitis externa
- Multiple absent teeth and secondary atrophy of the alveolar bone in all jaw quadrants
- No evidence of otitis media

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The odds for cystic neoplasia originating from the right external ear canal are high – such as squamous cell carcinoma or ceruminous gland adenocarcinoma. The complete loss of distinction of the right external ear canal is unusual for abscess formation. Anyway, recommend FNA sampling/biopsy of the mass for specification. If neoplastic disease is confirmed, complete surgical excision appears not feasible.

FNA sampling of the regional lymph nodes is beneficial to screen for metastatic disease.



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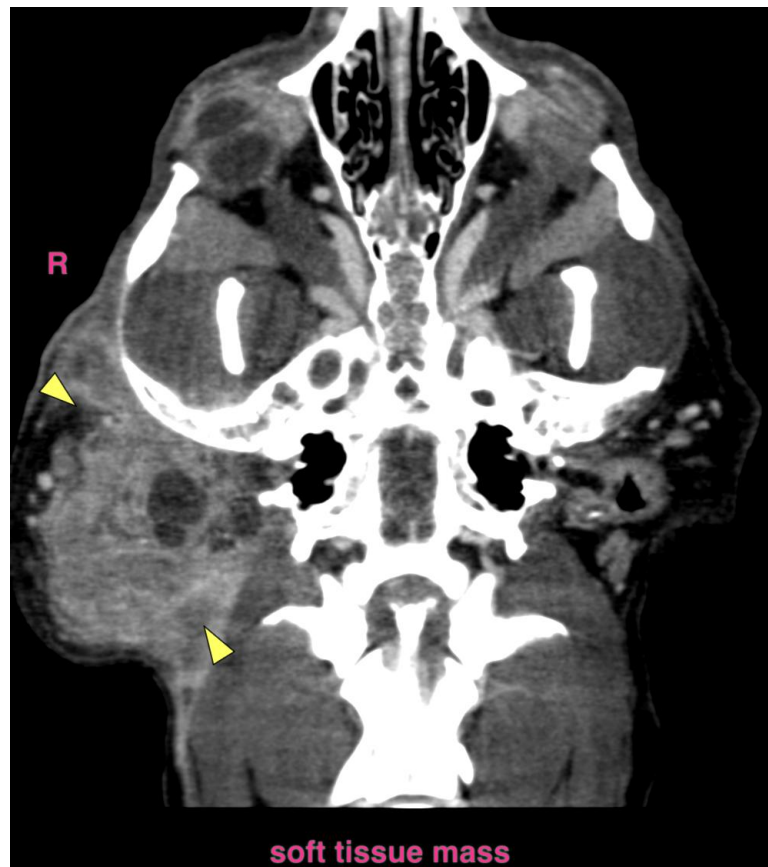
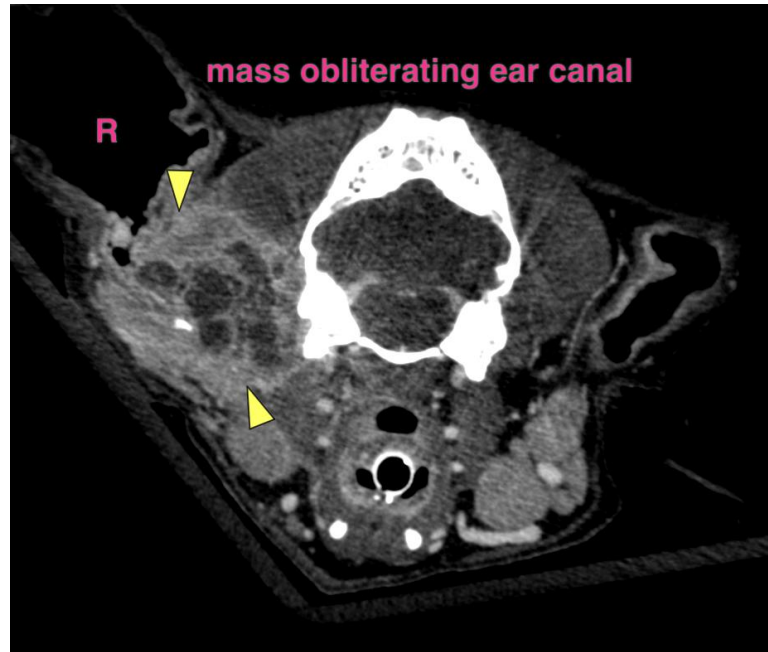
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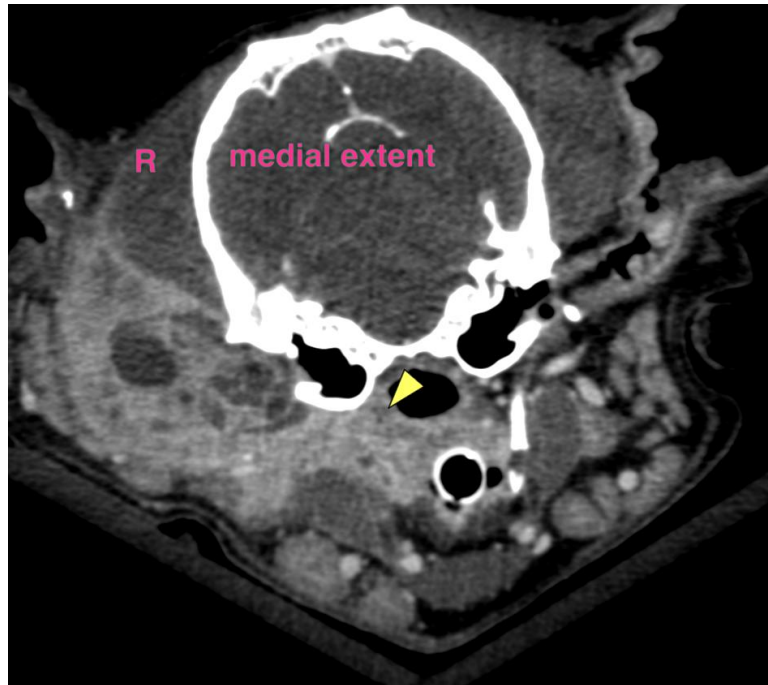
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)