



## PATIENT

Sid Cometa

## SPECIES

Canine

## BREED

Bloodhound

## SEX

Neutered Male

## AGE

10Y

## WEIGHT

54.0 kg

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## IMAGING PERFORMED BY

Victoria Bradshaw

## HOSPITAL NAME

Gulf Shore Veterinary  
Specialty Surgery

## REFERRING VET

Dr. Byron Young DVM,  
MS, DACVS

## INVOICE

73737

## DATE

2-12-26

## PRESENTING CLINICAL SIGNS

- Sid presented for: CT imaging and otoscopy. Polyps had been previously identified in the left ear. On exam there is a polyp like mass on the inner left pinna as well. He has a dermal mass in the ventral cervical region that has grown recently.
- After CT Sid was moved to the endoscopy suite for video otoscopy and excision of mass on ventral neck. Both ears were thoroughly cleaned and the ear canals evaluated. Inflammation was noted but no evidence of deep ear canal polyps were seen.

## COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK

Plain and post contrast studies are available for review.

## COMPUTED TOMOGRAPHIC FINDINGS

Ventral to the larynx, there is a multinodular, heterogeneously enhancing, ill-defined, soft tissue mass.

The right retropharyngeal lymph node is severely enlarged with cavitation, heterogeneous enhancement, and ill-defined margins.

A ventral cervical dermal mass with ill-defined margins and heterogeneous enhancement is noted.

A cauliflower shaped cavitating mass with heterogeneous enhancement and ill-defined margins is seen at the base of the left pinna.

Severe epithelial lining thickening and thickening of the pinnae is noted bilaterally. Evidence of ear canal polyps/masses is not seen.

Severe alveolar bone loss with oronasal communication is noted in the right maxillary alveolar margin.

Multiple small pulmonary nodules are observed in the included cranial lung fields.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multinodular soft tissue mass with aggressive biological behavior ventral to the larynx – likely ectopic thyroid tissue or other neoplasia.
- Severely enlarged right retropharyngeal lymph node with cavitation compatible with metastatic disease.
- Infiltrative dermal mass in the ventral cervical region.
- Infiltrative mass at the base of the left pinna.
- Severe alveolar bone loss – right maxillary margin with oronasal communication: periodontal disease with osteomyelitis or oral neoplasia.
- Multiple pulmonary nodules consistent with metastatic disease.
- Severe bilateral ear canal and pinna thickening: chronic otitis externa.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Multifocal head and neck masses with evidence of infiltrative aggressive behavior are seen including a mass ventral to the larynx with severe right retropharyngeal lymphadenopathy, a ventral cervical dermal mass, and a mass at the base of the left pinna.

The severe alveolar bone loss with oronasal communication raises concern for aggressive periodontal disease with osteomyelitis or primary oral neoplasia.



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The pulmonary nodules are consistent with metastatic spread and should be considered so until proven otherwise.

Tissue biopsy of the multiple masses can be considered for definitive diagnosis. The long-term prognosis is unfortunately poor.





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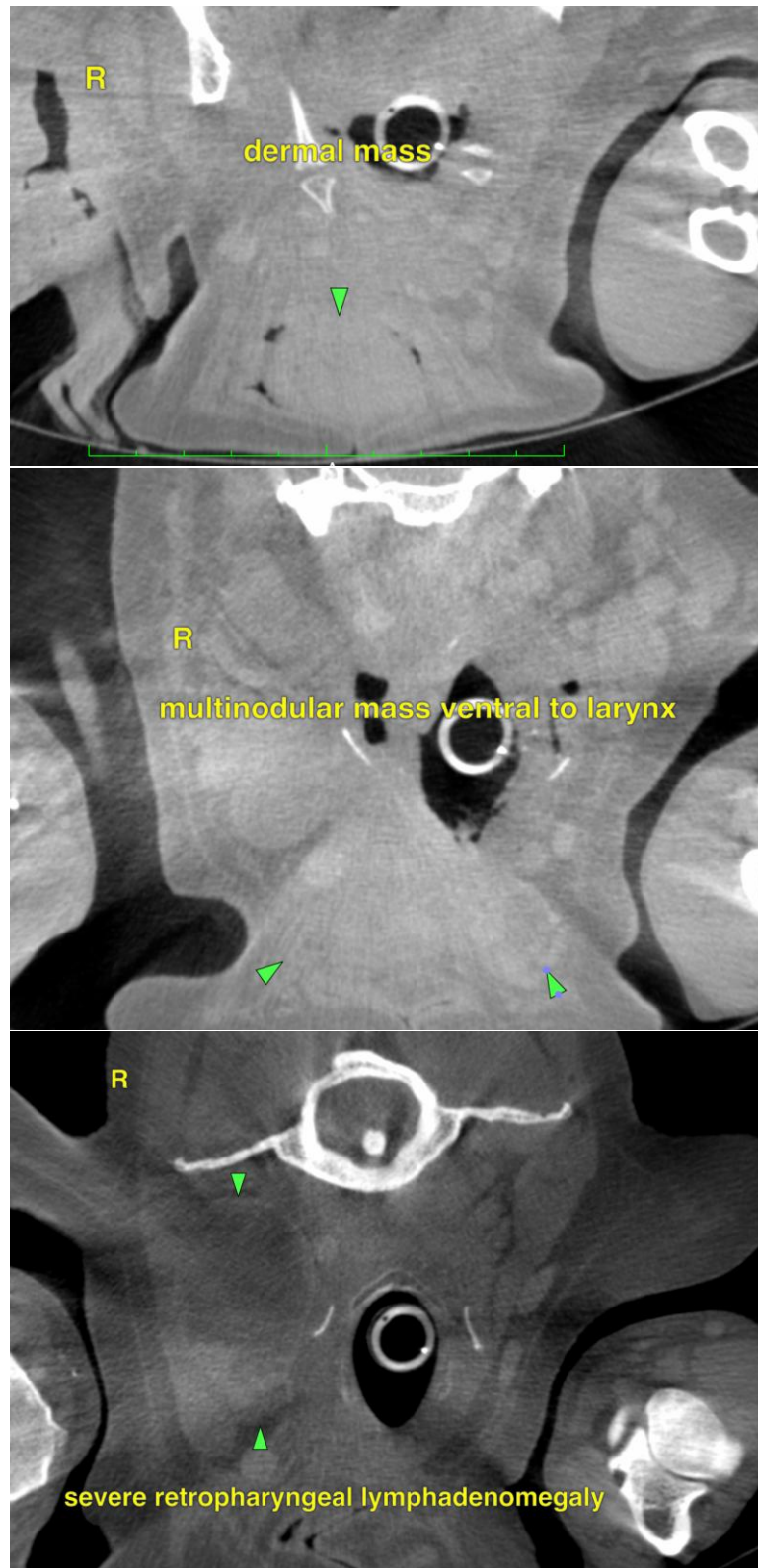
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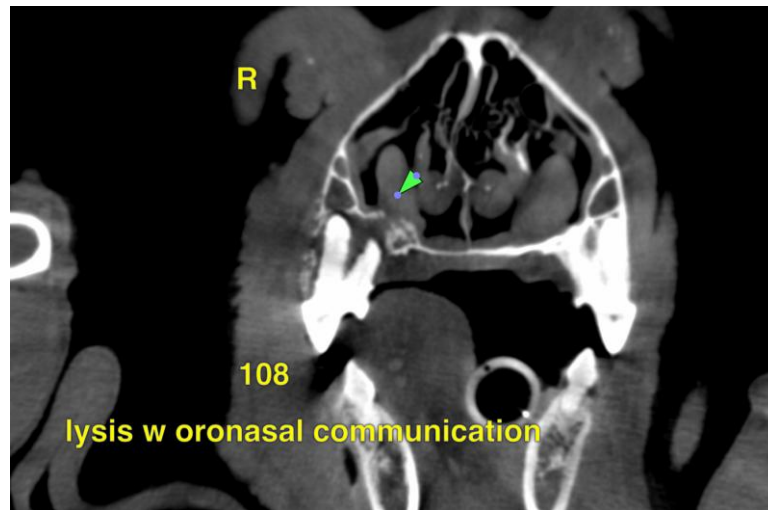
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
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