



## PATIENT

Jasmine Peterson

## SPECIES

Canine

## BREED

German Shepherd

## SEX

Spayed Female

## AGE

1 Year

## WEIGHT

64.2

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

## IMAGING PERFORMED BY

Lily Harper

## HOSPITAL NAME

Scottsdale Veterinary  
Clinic

## REFERRING VET

Dr. Blackmon

## INVOICE

16306

## DATE

05/16/26

## PRESENTING CLINICAL SIGNS

Right facial swelling (approximate 4x5cm) caudal to the mandible that feels fluid with a firm attachment towards the caudal and proximal aspect.

## COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

## COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 306 and 406 are absent.

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. The external ear canals are within normal limits.

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 right mandibular lymph nodes and the right & left medial retropharyngeal lymph nodes are prominent and have a mild irregular contrast enhancement pattern. In the subcutaneous tissue of the right submandibular region, a mild ill-defined, uniform soft tissue attenuating and post contrast peripherally contrast enhancing mass with multiple septa and a fluid attenuating center is appreciated; measuring 6.4 x 3.0 x 7.3 cm. The fat surrounding the subcutaneous mass presents moderate soft tissue striation.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Thick walled, multicameral lesion right submandibular region with surrounding cellulitis
- Reactive lymphoid hyperplasia right mandibular lymph nodes and right & left medial retropharyngeal lymph node

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with abscess formation in the right submandibular region and secondary surrounding septic cellulitis. An underlying cause for the abscess formation cannot be specified, preceding perforating trauma or migrating foreign material are possible – no foreign material is appreciated by CT, but isoattenuating material will be missed. Workup can be complemented by an ultrasound examination to screen for foreign material. Surgical drainage is advised.



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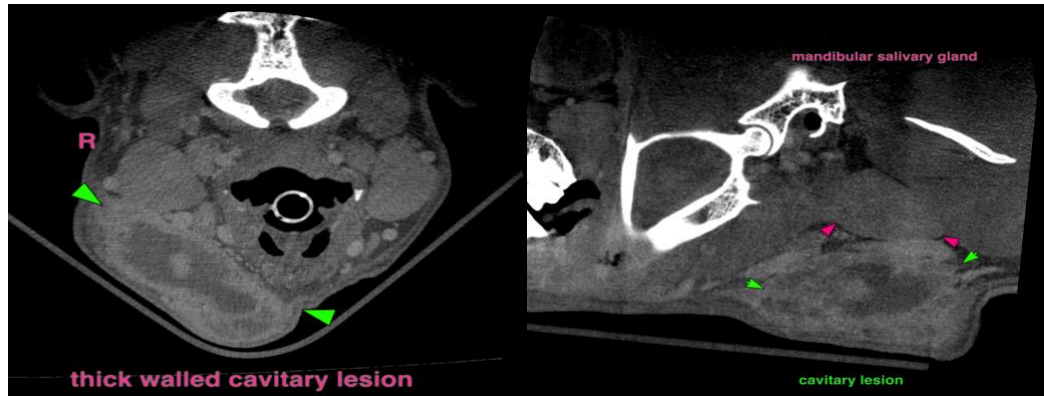
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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