

**PATIENT PRESENTING CLINICAL SIGNS**

Max Brady Presented for an acute onset of pain on opening mouth. 2m antibody titer normal. CK noraml. Muscle (temporalis) biopsy pending.

**SPECIES COMPUTED TOMOGRAPHY OF THE HEAD & NECK**

Canine Pre/post contrast studies provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS****BREED**

German Shorthair

The neurocranium shows normal findings. Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous. Both tympanic bullae are completely ventilated with a regular tympanic bulla wall. External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

**SEX**

MN

There is an area of increased contrast enhancement detected at the level of the bottom of the right orbit medial to the mandible causing an ill-defined rostral margin of the right medial pterygoid muscle. This lesion shows an estimated diameter of 1.3 cm and reveals a hypodense center. The eye muscles and vessels are clearly separated as well as the zygomatic salivary gland.

**AGE**

3

Frontal sinuses and the nasal cavities are ventilated regularly. Conches look normal as well as the maxillary/mandibular teeth.

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

Soft tissues of the head and neck are symmetrical and normal, especially the mandibular and medial retropharyngeal lymph nodes.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Suspected inflammatory lesion of the right rostral pterygoid muscle

**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings likely represent an inflammatory lesion at the rostral margin of the right pterygoid muscle reaching the bottom of the right orbit. Abscess formation due to a foreign body insult is a common differential diagnosis especially in presence of an acute onset (please check for oral injuries caudal to the last molar teeth on the right). Other differential diagnoses include but are not limited to other traumatic lesions of the muscle or the adjacent soft tissue. Neoplasia is not suspected. Currently a mature abscess is not present and access to the lesion is difficult due to its location and small extend.

**REFERRING VET**

Dr. Runde

**INVOICE**

59732

**DATE**

8-16-23



**PATIENT**

Max Brady

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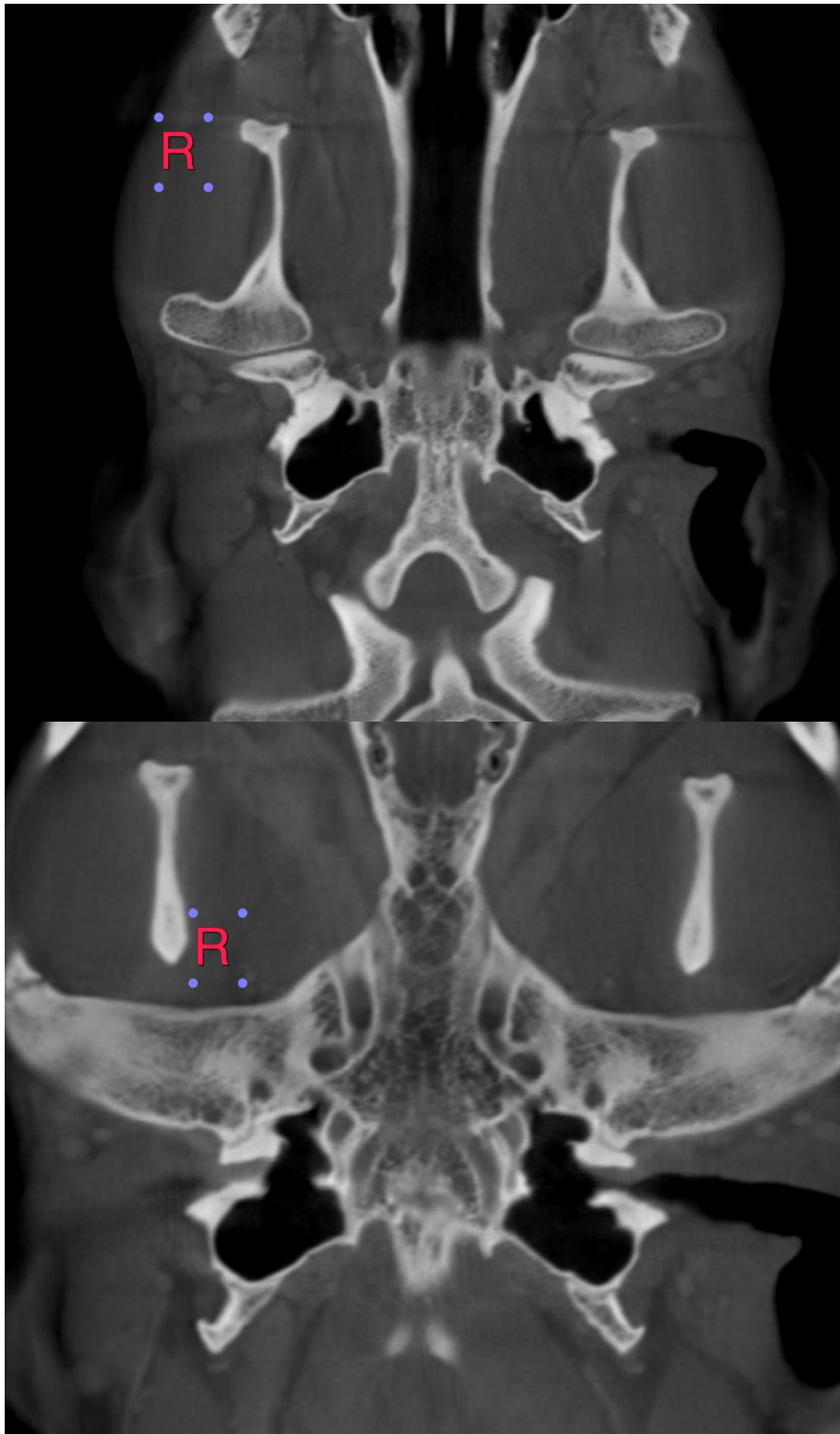
Dr. Runde

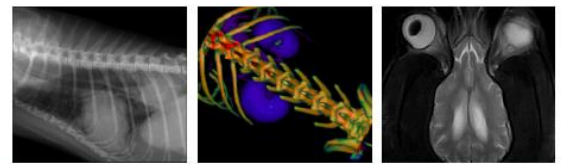
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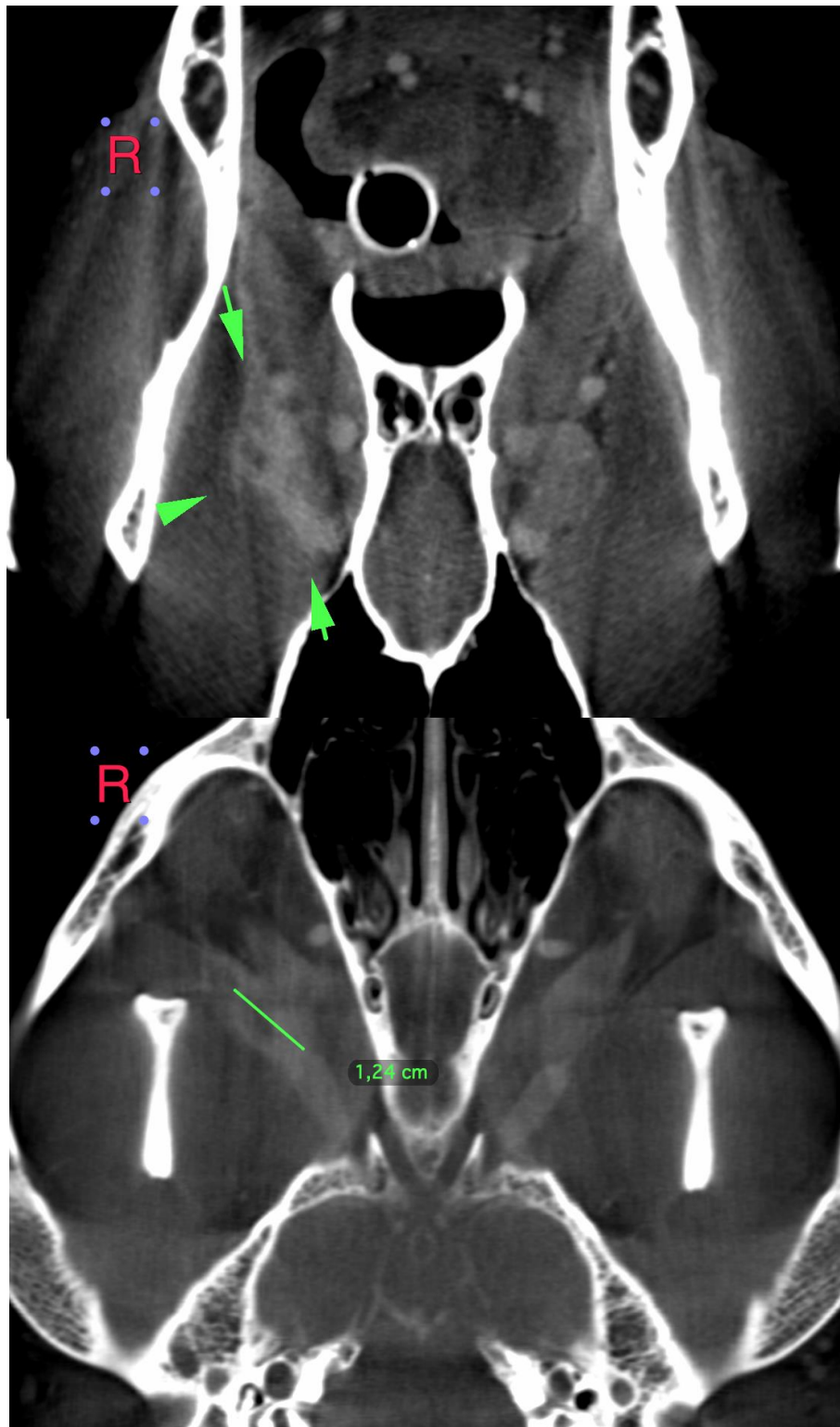
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging**  
[info@sonopath.com](mailto:info@sonopath.com)

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