



**PATIENT**

Jazz Locke

**PRESENTING CLINICAL SIGNS**

Had right sided gap arthroplasty done in June of 2020. Has embedded teeth on the upper and lower right caudal arcades and an embedded foreign body on the right mandible and what appears to be an exostosis along the lower ventral right mandible. The caudal ventral mandible does not appear normal- is enlarged. Would like landmarks to retrieve and further information.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Pre/post contrast studies provided for review.

**BREED**

Boxer X

**COMPUTED TOMOGRAPHIC FINDINGS**

The neurocranium shows normal findings. The skull bone and the bony skull foramina of the cranial nerves are unremarkable. Both tympanic bullae are completely ventilated with an inconspicuous wall. The right TMJ appears nearthrotic without relevant periosteal reactions. The medial right mandible presents a metallic, linear foreign body adjacent to the unerupted 410 and 411 measuring a length of 9,5 mm. The peripheral soft tissue appears inconspicuous. Soft tissue swelling or pathologic enhancement is not noted.

**SEX**

F

The frontal sinuses and the orbital contents are laterally symmetrical with no evidence of a retrobulbar lesion and/or an oro-nasal fistula. Nasal cavities/conches and septum present mild swelling of the mucous membranes but are considered to be normal.

**AGE**

2 Years

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

Incisor maxillary: inconspicuous

Right maxillary: 108 impresses with distended pulp cavities and a fracture of the caudal buccal root. Palatine to 108 and rostral to 109 an erupted but embedded tooth is recognized (s. pictures "emb. 1"). 109 is abnormal with just one root which shows mild periapical lysis. 110 again is abnormal with three roots.

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Left maxillary: inconspicuous

Incisor mandibular: inconspicuous

**REFERRING VET**

Dr. O'Morrow

Right mandibular: 410 and 411 are not erupted and stacked chaotically. The roots of the latter appear inconspicuous.

Left mandibular: inconspicuous

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The soft tissues are symmetrical, of homogeneous density and regarded as normal, especially the retropharyngeal lymph nodes.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Fractured 108 with significant signs of a pulpitis and periapical lysis of the alveolar maxillary bone
- Erupted embedded tooth between 108 + 109
- Periapical abscess of the abnormal 109
- Abnormal 110 without signs of inflammation/infection
- Unerupted 410 + 411
- Metallic foreign body 9.5 mm medial right mandible at the level of 410/411

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings must be correlated with the clinical presentation. Extraction of at least 108, 109 and the embedded tooth in between is recommended. 410, 411 and the linear foreign body currently each appear without peripheral reactions. Their clinical relevance therefore is questionable.





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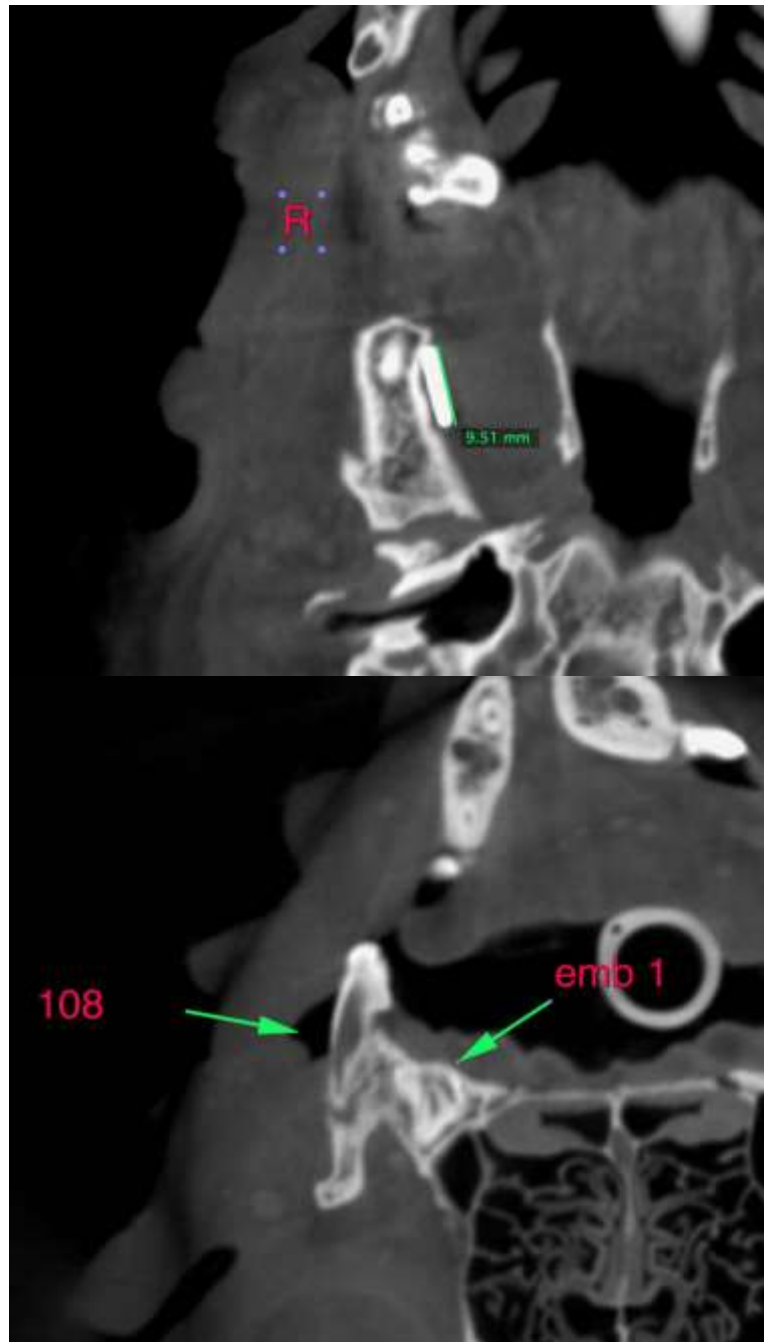
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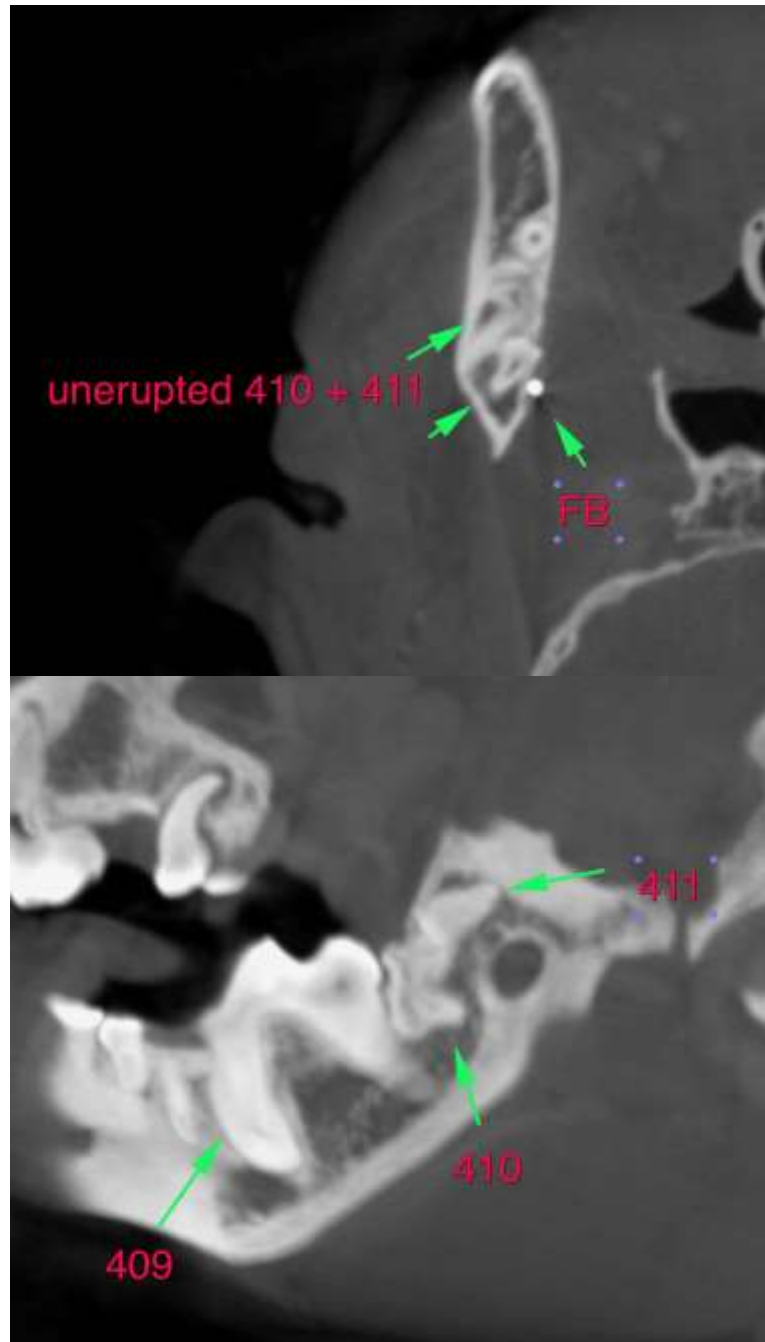
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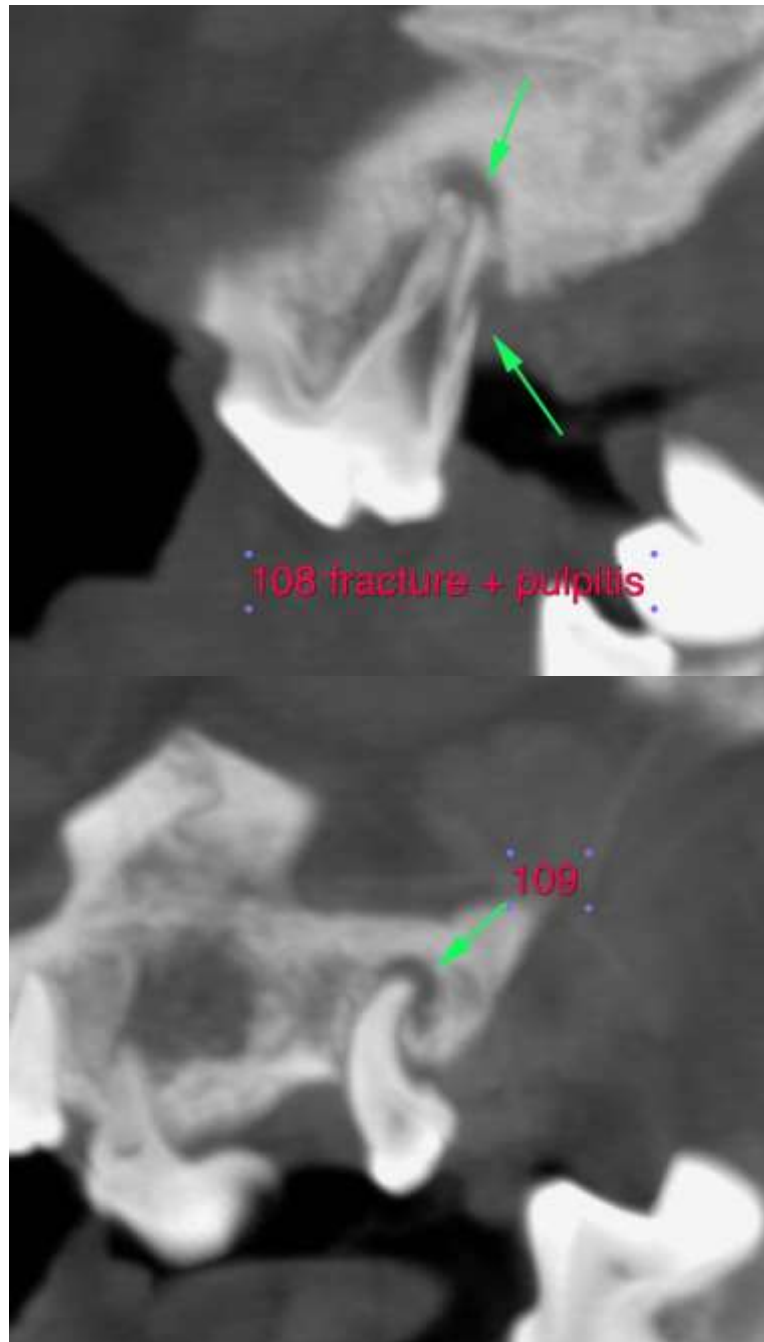
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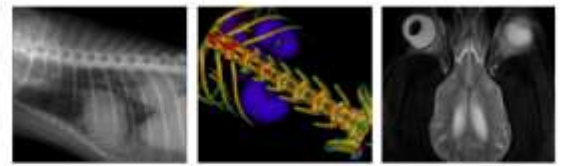
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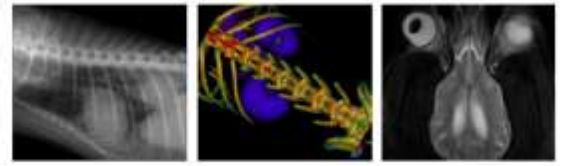
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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Boxer X

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**  
Sebastian.Jawinski@sonopath.com

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