



**PATIENT PRESENTING CLINICAL SIGNS**

**Charley Kornahrens**  
**SPECIES** History: HBC. Complicated (pulp exposed) crown / root fracture of the left maxillary canine, fourth premolar teeth with 100% crown loss and Complicated crown fracture with 50% of crown loss left mandibular first molar (204, 208, 209). TMJ subluxation present on skull radiographs taken day of trauma coinciding with bilateral oropharyngeal bruising and minor left mandibular shift.  
 Abnormal PE/Chem/CBC/UA Results:

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

Pitbull

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Spayed Female

Approximately two thirds of the crown of triadan 204 are absent, exposing the pulp cavity to the dental surface. The crown of triadan 208 is absent and the respective roots are retained within the alveolar crest; the mesial palatine root of triadan 208 presents with a transverse fracture line within the alveolar crest. The buccal part of the crown of triadan 209 is absent, and the pulp cavity of the respective root is exposed to the surface.

**AGE**

3 Years

The rostral lip of the mandibular fossa of the right temporomandibular joint is fractured. The most medial part of the condylar process of the right mandible is separated from the condylar process by a mild irregular sagittal fracture line.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

The right hamulus of the pterygoid bone is fractured.

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

**HOSPITAL NAME**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

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 submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS**

17451

- Complicated dental fracture 204, 208 and 209
- Fractured mesial palatine root triadan 208
- Acute traumatic articular fracture right temporomandibular joint with only very mild displacement of the fragments

**DATE**

9/23/22



**PATIENT**

- Fractured right hamulus pterygoid bone

Charley Kornahrens

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with traumatic complicated dental fractures and articular fracture of the right temporomandibular joint. Consider management of the dental fractures. Conservative management of the fractured right TMJ is considered as the therapy of choice.

**SPECIES**

Canine

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Pitbull

**SEX**

Spayed Female

**AGE**

3 Years

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**REFERRING VET**

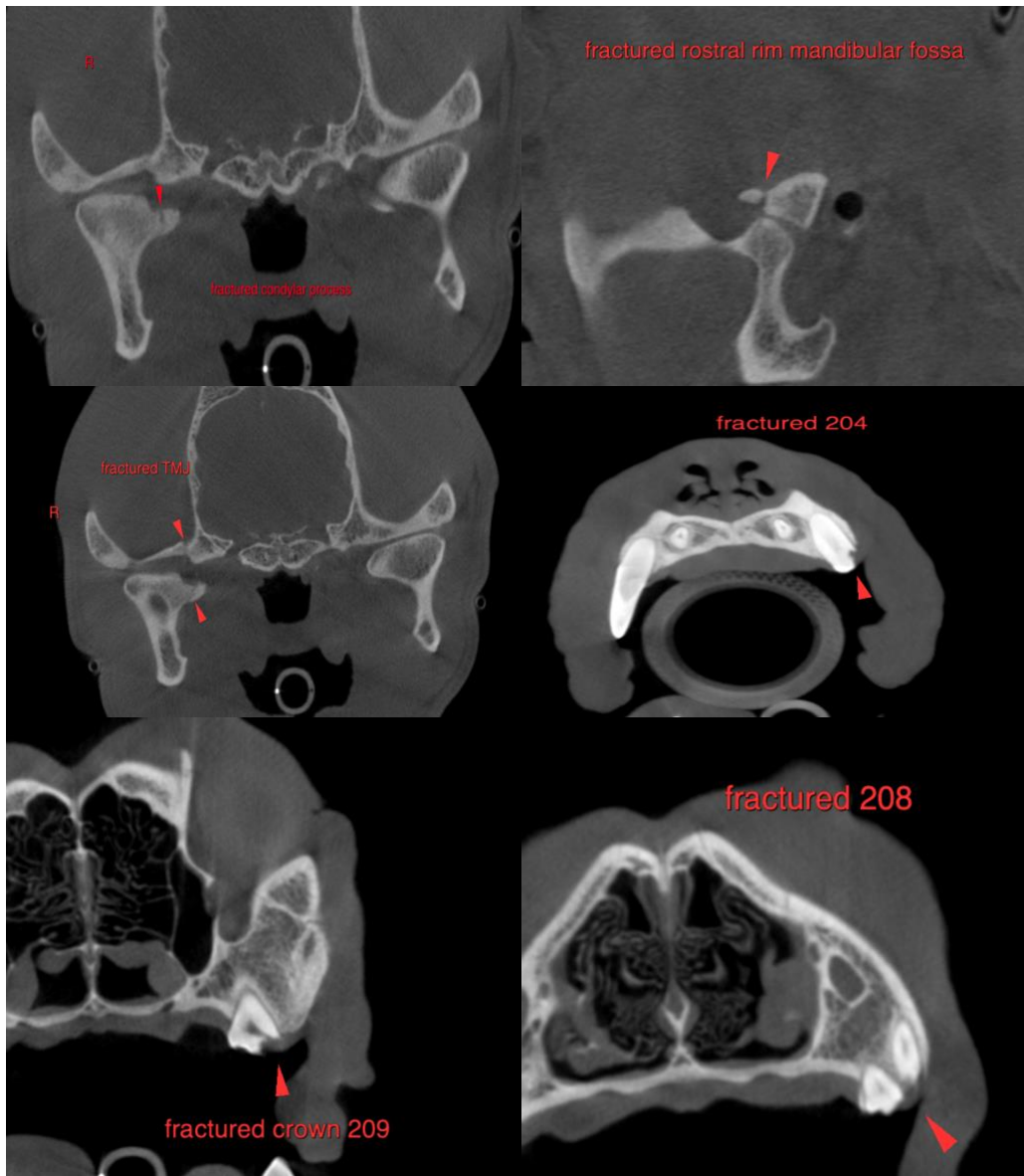
Meaux

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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



**PATIENT** that was not visible in the image/video clips provided.

Charley Kornahrens 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.

**SPECIES** **Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**BREED**

Pitbull

**SEX**

Spayed Female

**AGE**

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