



**PATIENT**

Owen Miami Beach  
Animal Advocates

**PRESENTING CLINICAL SIGNS**

HBC, fractured jaw and bloody nasal discharge

**COMPUTED TOMOGRAPHY OF THE SKULL**

**SPECIES**

Feline

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

**BREED**

DSH

**COMPUTED TOMOGRAPHIC FINDINGS**

The maxillary & palatine bone bilaterally, ethmoid, and pterygoid bone present with multiple fractures with generalized mild deviation of the osseous fragments. There is evidence of traumatic palatoschisis starting between triadan 102&103, extending into the palatine fissure. The zygomatic arch presents with a non-displaced fracture bilaterally.

**SEX**

Male Neutered

The mandibular symphysis is mildly widened, and a mild step formation is seen between the left & right body of the mandible.

**AGE**

5 Years

The nasal cavity is occupied by non-contrast enhancing soft tissue material.

The calvarium is intact.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

**HOSPITAL NAME**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

- Current state post craniofacial trauma with comminuted fracture of the osseous structures of the viscerocranium
- Traumatic palatoschisis
- Mandibular symphysiolysis - might still be stable
- Hematoma nasal cavity

**INVOICE**

48937

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

12-10-21

Check if the mandibular symphysiolysis is unstable, warranting surgical fixation. The traumatic palatoschisis might be covered by gingiva, if not surgical closure is recommended. Consider palliative management including pain management and IV fluids. The fractures of the viscerocranium will heal by second intention.



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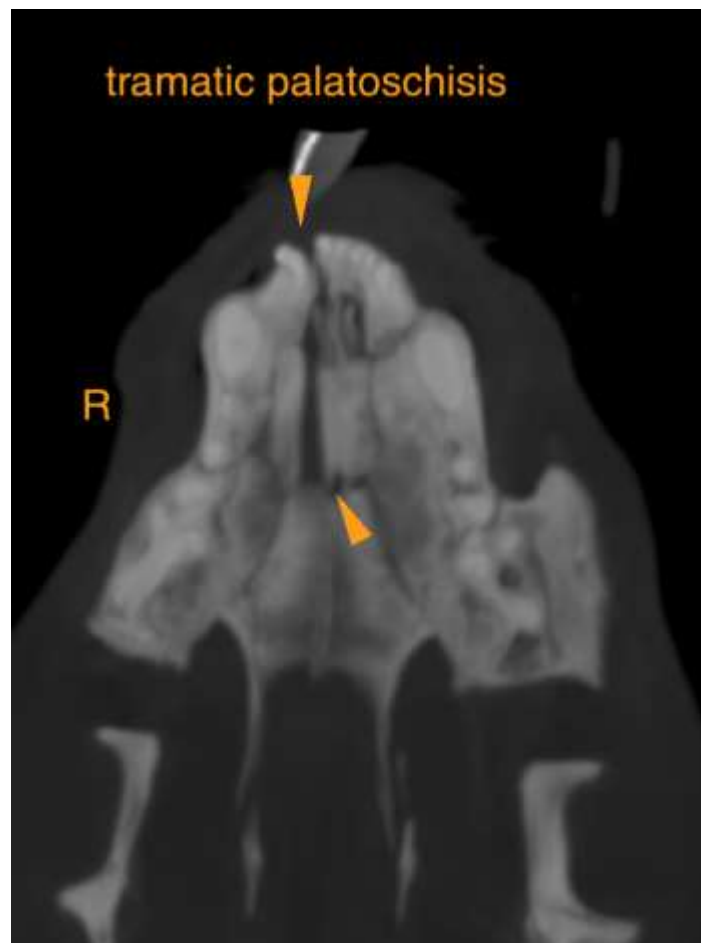
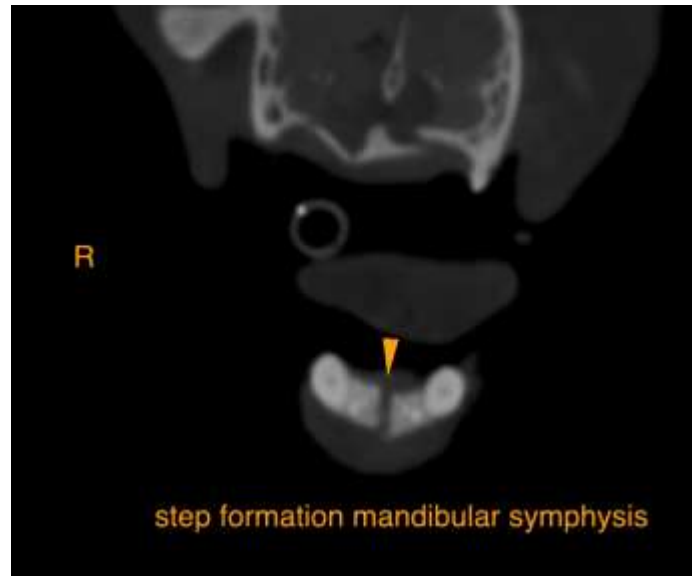
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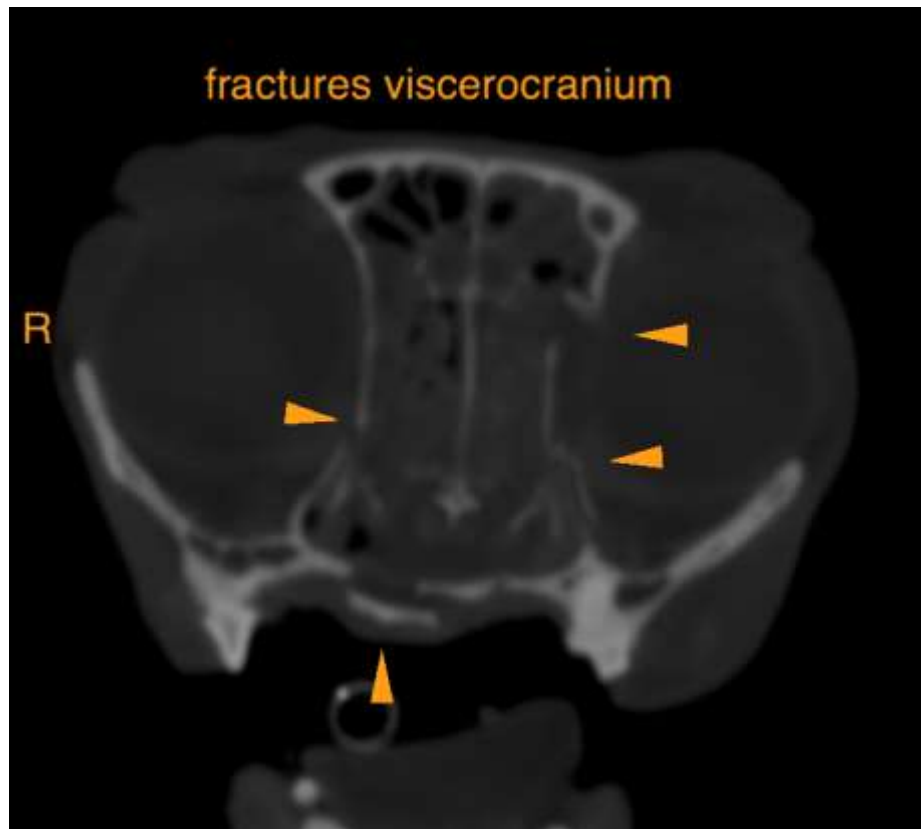
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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