
**PATIENT PRESENTING CLINICAL SIGNS**

Rae Caskey History: HBC, possible skull fractures, and occasional epistaxis.  
 Abnormal PE/Chem/CBC/UA Results:

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

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

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

Husky Mix

The right frontal bone presents a comminuted acute traumatic fracture along the zygomatic process. The fracture lines are extending over the complete length of the lateral aspect of the right frontal bone rostrally with mild lateral and ventral displacement of the osseous fragments. Mild to moderate amount of subcutaneous gas is visible level with the fractured right frontal sinus – extending caudally along the dorsal aspect of the calvarium up to the level of the occipital bone – and medial wall of the right orbit. No evidence of perforation of the cranial fossa. In the right frontal sinus and caudal aspect of the right nasal cavity, a mild amount of non-contrast enhancing soft tissue material is attached to the mucosal lining.

**SEX**

Female

**AGE**

2 Years

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**

Scottsdale VC

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.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**
**REFERRING VET**

Dr. D'Monte

- Acute traumatic comminuted fracture lateral aspect right frontal sinus with secondary subcutaneous emphysema and mild emphysema medial aspect right orbit
- Mild exudate in right nasal cavity - hematoma

**INVOICE**

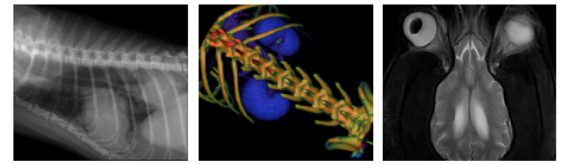
12997

**DATE**

9/8/21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with the history of blunt craniofacial trauma and secondary traumatic comminuted fracture of the right frontal sinus with only mild displacement of the osseous fragments and secondary local emphysema. Conservative management is the therapy of choice, monitoring if progressive emphysema develops warranting counter pressure on the fractured region.



**PATIENT**

Rae Caskey

**SPECIES**

Canine

**BREED**

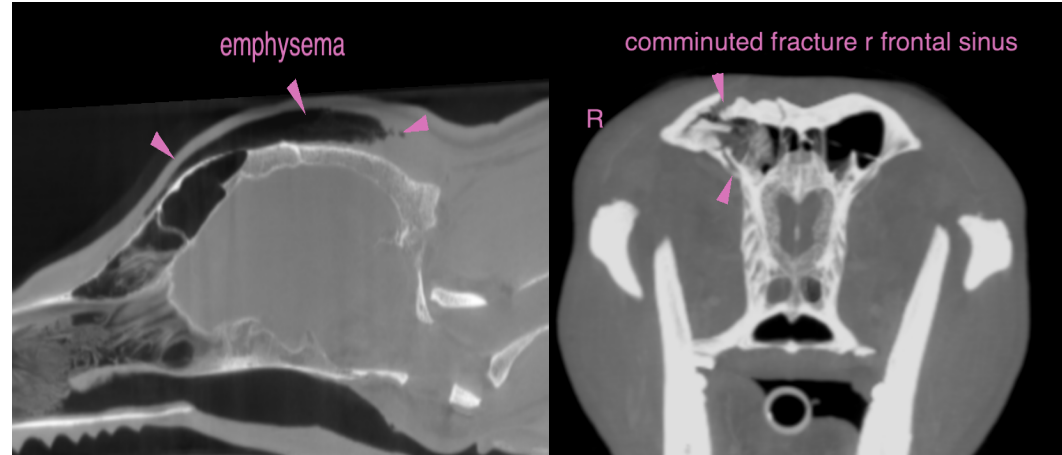
Husky Mix

**SEX**

Female

**AGE**

2 Years



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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