



PATIENT

Layla McLean

PRESENTING CLINICAL SIGNS

Unsure of what happened, head trauma. Possible HBC. Gate was left open and patient escaped, owner found hours later bleeding from the head. Difficult to assess due to face swelling

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review. The nose is not entirely included.

BREED

Pitbull Mix

COMPUTED TOMOGRAPHIC FINDINGS

Multiple skull fractures are seen.

SEX

Spayed Female

Both condylar processes of the temporomandibular joints are fractures from the skull with comminuted fractures and mild displacement.

Bilateral sagittal caudal maxillary fractures involving the orbita are seen. Both zygomatic arches reveal fractures.

AGE

6 Years

There are multiple facial bone fractures with multiple displaced small bone fragments of the external laminae of both frontal sinuses. The internal laminae appear to be intact.

Soft tissue emphysema peripheral to the nasal cavities and frontal sinuses is present due to air leakage from the nasal cavities and frontal sinuses.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The palatinal bones present bilateral sagittal fractures.

The braincase and mandibles appear to be spared and present no evidence of fracture in the imaged portions.

HOSPITAL NAME

Neel Veterinary
Hospital

There is a complicated crown fracture of the triadan 409.

Severe hematoma formation is noted within the nasal cavities and soft tissues of the face.

REFERRING VET

Dr. Alyson Fryer

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multiple acute traumatic facial bone fractures involving the nasal cavities, frontal sinuses, maxillae, orbita, and both temporomandibular joints with extensive hematoma formation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Severe trauma to the head with multiple facial bone fractures with multiple small, displaced fracture fragments is seen. There is bilateral temporomandibular joint and orbital involvement as well as involvement of both maxillae and palatinal bones.

INVOICE

48902

Complicated crown fracture of the triadan 409 is seen.

DATE

12-8-21

The braincase itself appears to be spared from traumatic injury. However, the impact of the presumed accident may well have caused brain injury due coup or contrecoup effects.



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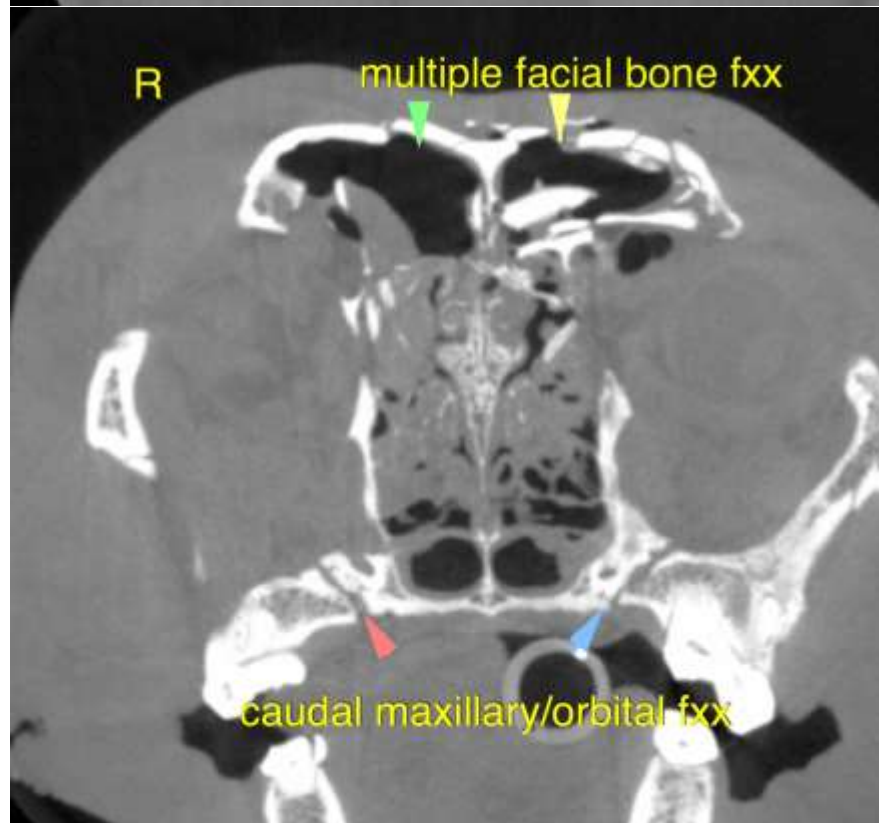
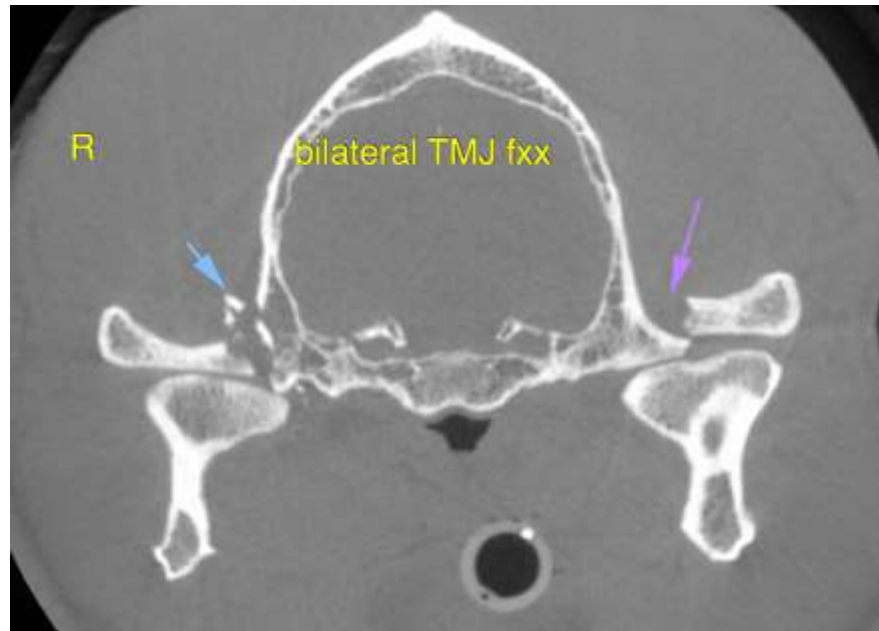
Dr. Alyson Fryer

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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.

SPECIES

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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