



PATIENT

1249-22 Lifeline
Puppy Rescue

PRESENTING CLINICAL SIGNS

History of trauma (dog bite?) to skull; has a R zygomatic fracture. Patient seems neurologically normal. We are wondering if we need to surgically intervene in any way? Prognosis? Her R eye is a little enophthalmic but not excessively so. Her teeth seem to be lining up (no traumatic occlusion noted at this time).

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Not done

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Mixed

COMPUTED TOMOGRAPHIC FINDINGS

Patient has a history of bite injury in the head region.

SEX

F

The right zygomatic arch is fractured at its most cranial and caudal aspects. The fracture margins are rounded and sclerotic with closed medullary cavities. Mild flaring of the fracture ends is seen. There is moderate ventral displacement of the right zygomatic arch.

AGE

3 Months

There also is ventral deviation and osseous irregularity of the lateral aspect of the right frontal bone with partial isolation of a fragment from its base as well as irregular thickness and sclerosis of the right temporal bone and the lateral aspect of the condylar fossa of the right temporomandibular joint. The right temporomandibular joint surfaces however are in situ and intact.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Subacute to chronic healing fractures of the right temporal and frontal bone as well as of the right temporomandibular joint.
- Right zygomatic arch fracture with ventral displacement.
- Slightly reduced volume of the right orbita secondary to frontal bone injury.

HOSPITAL NAME

Animal Health Care
Denver

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals multifocal healing traumatic osseous injury involving the right zygomatic arch, right temporal, right frontal bones, and right temporomandibular joint. No significant temporomandibular joint displacement or injury is seen that would represent an absolute indication for surgery. The right frontal and temporal bone fractures appear to be healing appropriately. There is mild to moderate ventral displacement of the right zygomatic arch as well as of the right frontal bone fragment which both slightly reduce the volume of the right orbita. However, no direct compression of the right eye is seen and at this time, no absolute surgical indication can be prompted by the CT findings.

REFERRING VET

Cathryn Sayer

INVOICE

55030

DATE

11-5-22



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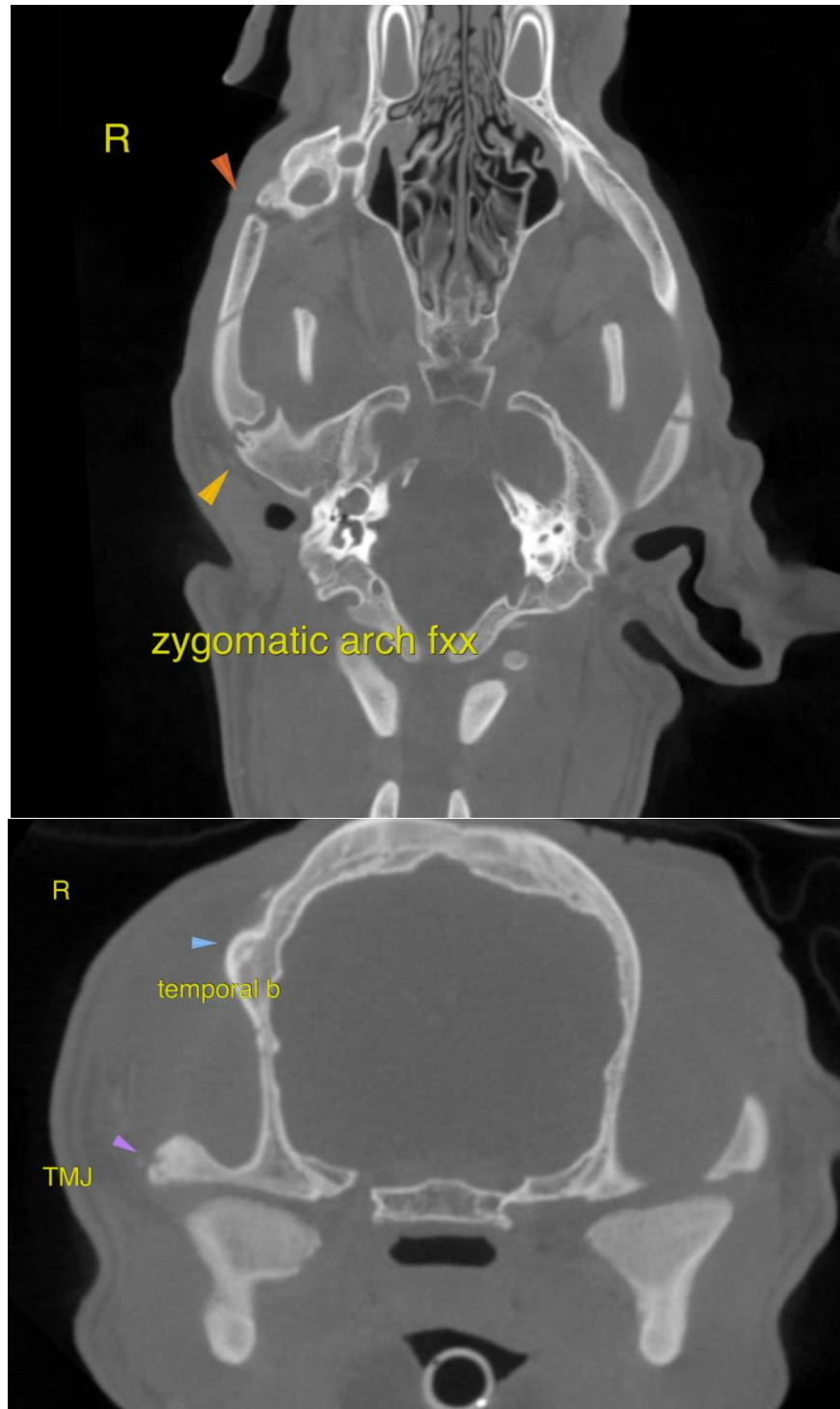
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

BREED

Mixed

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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