



PATIENT

Juniper Richley

PRESENTING CLINICAL SIGNS

Hit by car 4 days ago

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Plain study available for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Multiple traumatic osseous injury is seen involving the bilateral temporomandibular joints with a comminuted fracture of the right temporomandibular joint involving the articular surface of the condylar fossa. The left condylar fossa presents an articular fracture as well.

SEX

MN

A long oblique fracture of the left zygomatic arch is seen. There are two long bone splinters isolated from the left frontal bone involving the orbita with one of the fracture lines extending into the skull base.

Comminuted fracture of the left maxilla, nasal bone, and hard palate is seen centering the triadan 204.

AGE

7 Years

There is a left mandibular body fracture level with the triadan 306.

Severe periodontal disease of all teeth in all quadrants is seen with severe concurrent alveolar margin atrophy.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A mild amount of soft tissue attenuating material is seen medially within the left external auditory meatus.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multiple traumatic osseous injury of the neuro- and facial- cranium involving the bilateral temporomandibular joints, left zygomatic arch, left frontal bone and bony orbita, left maxillary, nasal, and palatinal bones as well as the left mandible.
- Severe periodontal disease with severe atrophy of the alveolar crest in all quadrants.
- Left hand sided otitis externa.

HOSPITAL NAME

Animal Dental Clinic

REFERRING VET

Donald Otten

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals injury of the neurocranium level with the left frontal bone and left bony orbita. There are bilateral temporomandibular joint fractures with articular involvement. Displacement of these fractures is minimal. A long fracture of the left zygomatic arch is seen. There also is traumatic osseous injury of the left maxilla level with the triadan 204 as well as of the left mandible level with the triadan 306. The potential surgical fixation of the maxillary, mandibular, and temporomandibular joint fractures will be complicated by the severe bone loss in all quadrants.

INVOICE

59693

DATE

8-14-23



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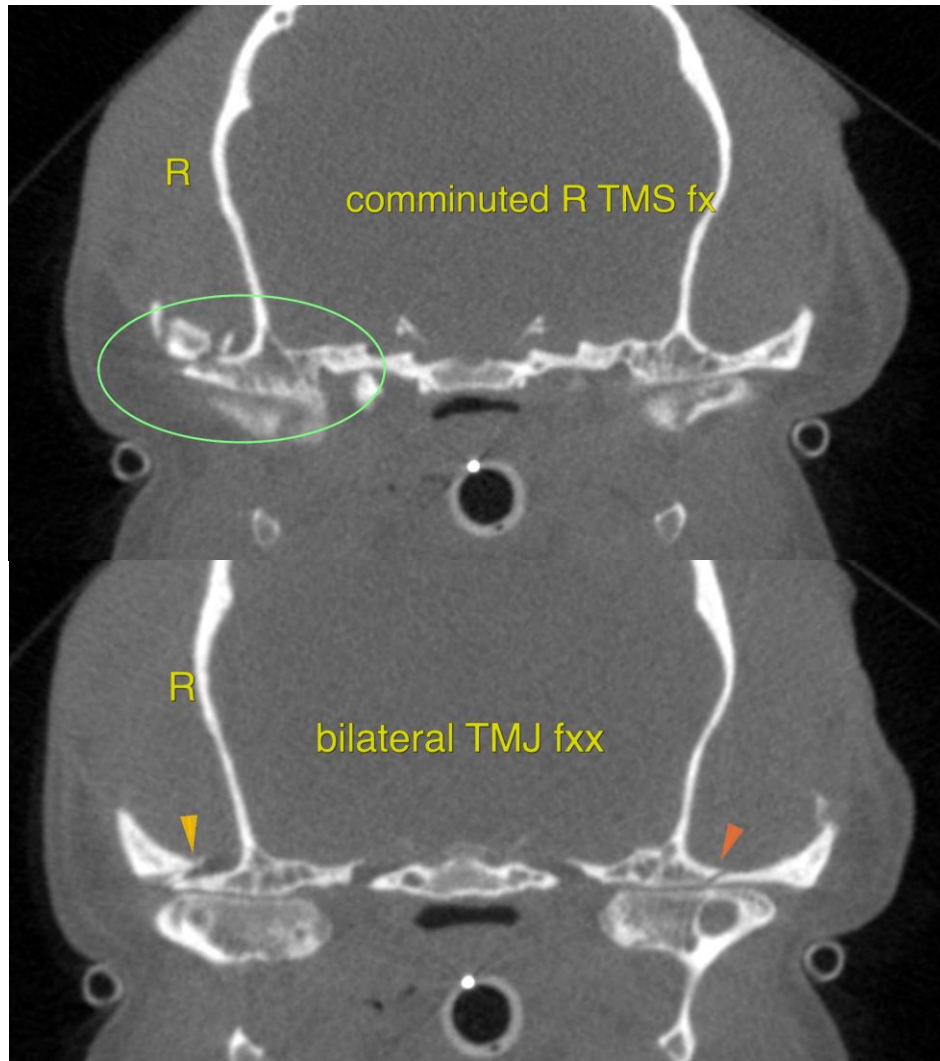
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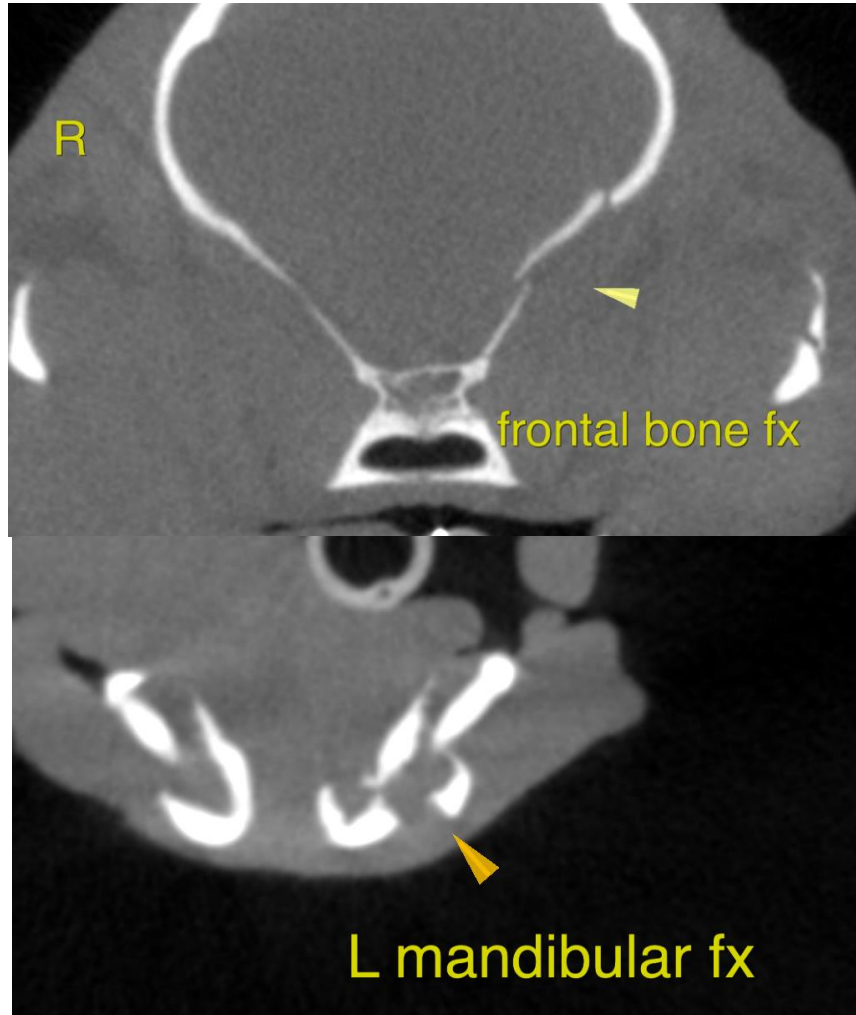
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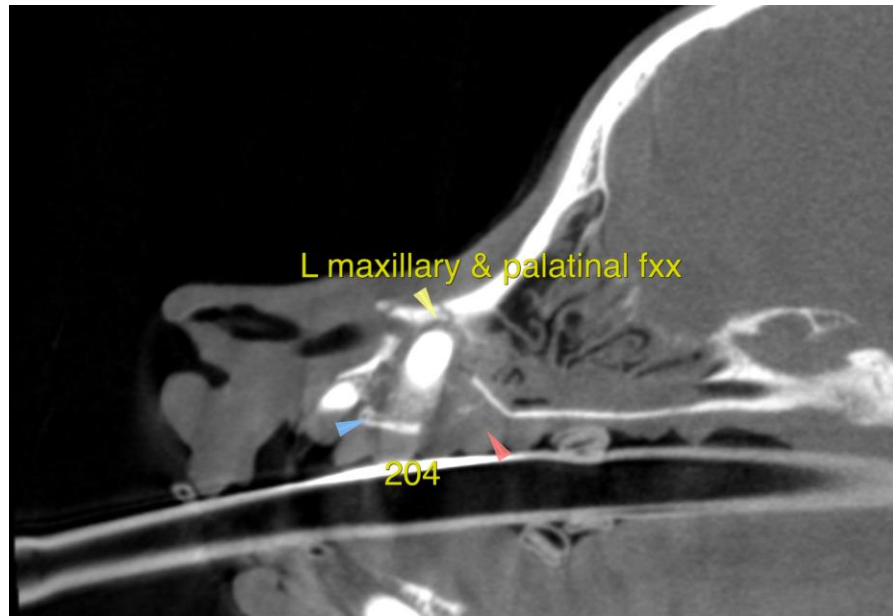
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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