



PATIENT PRESENTING CLINICAL SIGNS

Daisy Burkhart The patient presents with significant trauma from a dog bite, resulting in a malocclusion and severe dental disease.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Dachshund Mix

Severe highly communicative fractures involving bilateral maxillary palatine bones and nasal bones are seen. The primary transverse fracture lines of both maxillae is dissecting the alveolar margin bilaterally at the level of the tooth 107 on the right and 207 on the left. These fractures result in near complete functional separation of the nasal complex. Additionally, a segment of the right maxillary alveolar margin containing teeth 105 and 106 is isolated and dorsally displaced.

SEX

FS

Traumatic cleft palate with multiple fragments of the palatine bone and oral nasal communication is seen.

AGE

11yr

There is a complicated crown fracture of tooth 204.

The maxillary symphysis appears to be disrupted.

Extensive soft tissue swelling of the midface compatible with the prior trauma is seen.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

Both temporomandibular joints are intact and normally aligned.

The mandibles are intact bilaterally with no evidence of fracture or luxation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

Green Dog Dental
and Wellness

- Severe complex midfacial trauma with multiple communicative fractures of the bilateral maxillary palatine bones and nasal bones.
- Traumatic cleft palate with oral nasal communication.
- Segmental displaced fracture of the right maxillary alveolar margin including teeth 105, 106.
- Complicated crown fracture of tooth 204.
- TMJs and mandibles intact.
- Suspect maxillary symphysiolysis.

REFERRING VET

Dr Geist

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

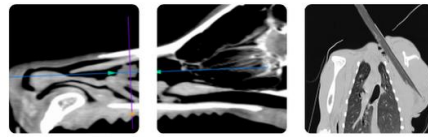
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The constellation of findings is consistent with high energy bite trauma and explains the clinical observed malocclusion and functional impairment. The combination of unstable maxillary fractures or nasal communication and alveolar segment displacement represents a surgically challenging injury, particularly in an older patient with pre-existing dental disease.

DATE

02/04/2026

Surgical stabilization of the maxillary fractures and surgical repair of the oral nasal communication as well as dental management including extraction of non-salvageable teeth could be considered.



Teleradiology

Educational Teleconsultation Services™

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SPECIES

Canine

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FS

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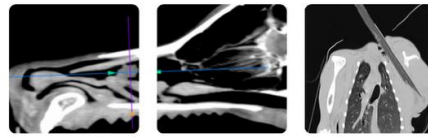
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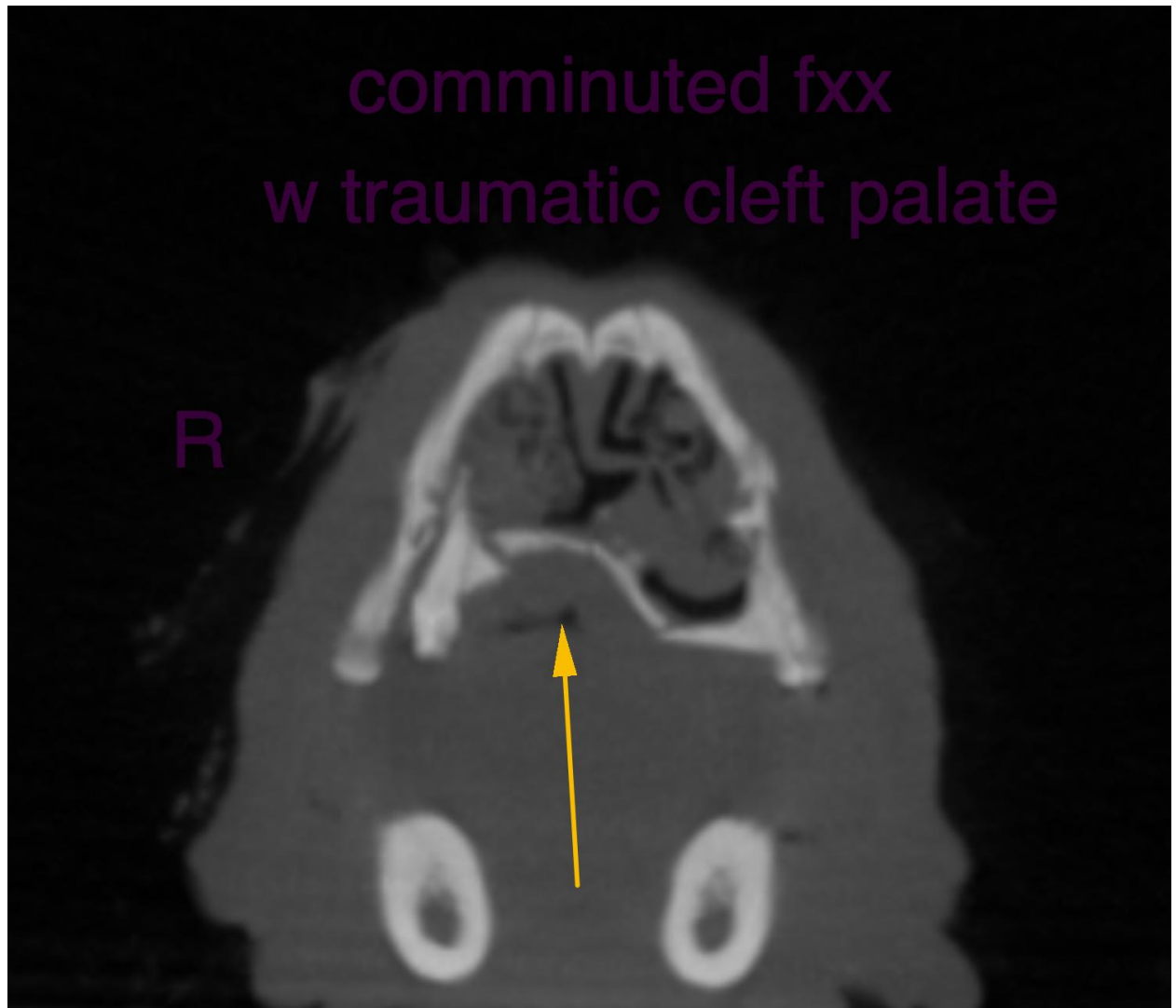
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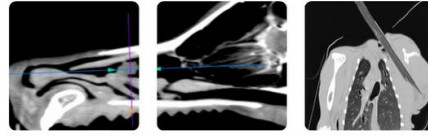
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Daisy Burkhart

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.

SPECIES

Canine

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.

BREED

Dachshund Mix

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
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