



PATIENT PRESENTING CLINICAL SIGNS

Lucy Schones Patient was hit by a car this morning on 5/4/2022, presented to rDVM; x-rays taken - revealed lung contusions and broken ribs; no other fractures appreciated; Patient was administered hydromorphone and mannitol IV and transferred to the ER. Owner is looking for specialty surgery for pet.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution plain CT study of the skull is provided for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Triadan 109, 308, 311, 404, 409 and 411 are absent.

SEX

Spayed Female

Multiple teeth are absent. Level with the alveolar crest of the distal root of triadan 309, running through body of the left mandible and the respective dental element a transverse fracture of the mandible and triadan 309 is seen. The mesial and distal root of triadan 309 are in situ. The rostral segment of the left mandible is deviated ventrally and medially with resultant malocclusion. Step formation level with the mandibular symphysis is noted

AGE

5 Years

The crown of triadan 208 is absent and the respective roots are retained within the alveolar crest - the crown is attached to a small extension of the gingiva at the same level and displaced ventrally and buccally. The crown of triadan 309 is fracture and small fragments of the crown are seen at the same level. The crowns of triadan 101, 102, 201-204 are absent.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The nasal cavity bilaterally, L>R, is occupied by heterogeneous contrast enhancing soft tissue material - centered on the nasal septum caudally. Advanced destruction of the nasal conchal & turbinate structures bilaterally is appreciated. The left maxillary bone, left nasal bone and the horizontal plate of the palatine bone bilaterally present permeative osteolytic lesions and the nasal mass is bulging into the submucosal tissue of the hard palate.

HOSPITAL NAME

Wilvet Salem

At the medial aspect of the condylar process of the right mandible, an isolated fragment is seen, moderately displaced medially.

A fracture line is separating the right occipital condyle from the occipital bone and the osseous fragment with the right occipital condyle is mildly deviated rostrally into the caudal cranial fossa.

REFERRING VET

Dr. Gardner

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

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- Acute traumatic fracture of the right occipital condyle with mild rostral deviation into the caudal cranial fossa
- Acute traumatic open transverse fracture left body of the mandible with complicated transverse fracture of triadan 309
- Mandibular symphysiolysis
- Acute traumatic sagittal fracture right mandibular condylar process
- Acute traumatic amputation of the crowns of triadan 101, 102, 201-204, 208 and 209
- Multiple absent teeth - chronic

DATE

5-5-22



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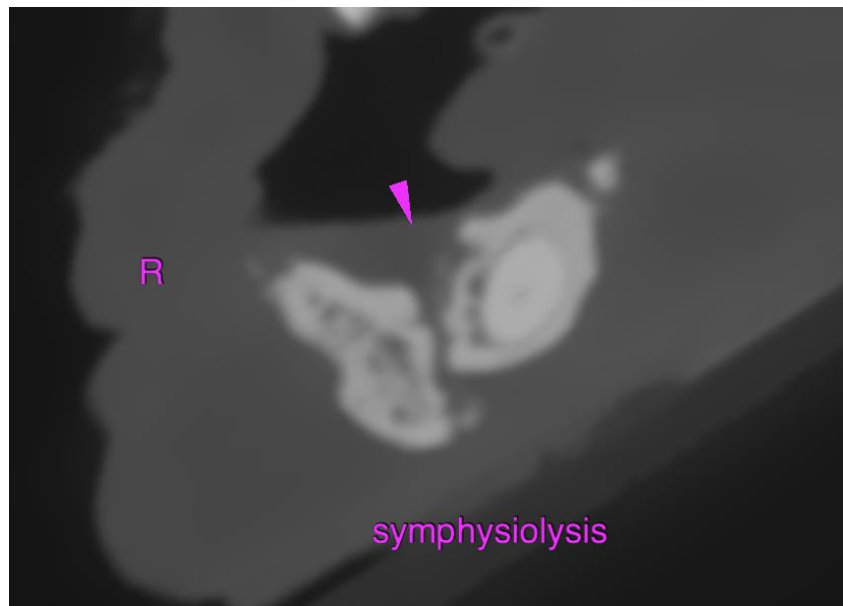
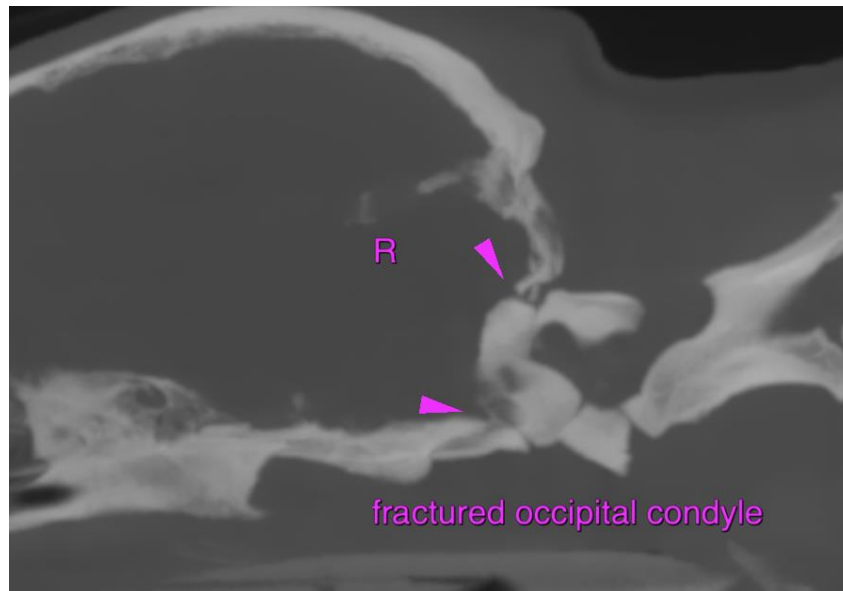
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main finding is the fractured right occipital condyle with mild rostral deviation into the caudal cranial fossa. Depending on the neurological clinical signs, conservative management is considered as the therapy of choice (e.g. immobilizing the neck)- although surgical options might be discussed with neurologist/surgeon.

Surgical management of the left mandibular fracture is recommended as well as stabilization of the symphysiolysis.





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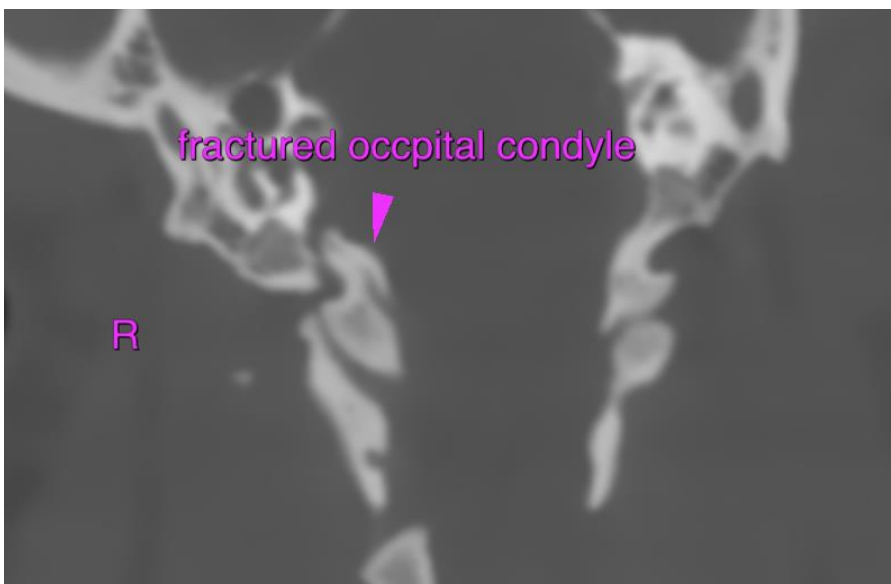
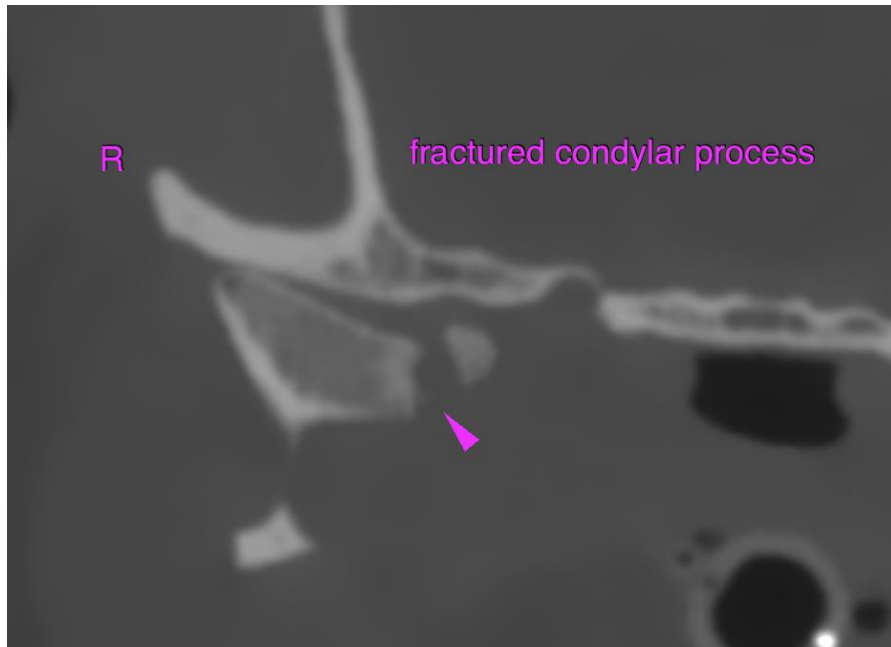
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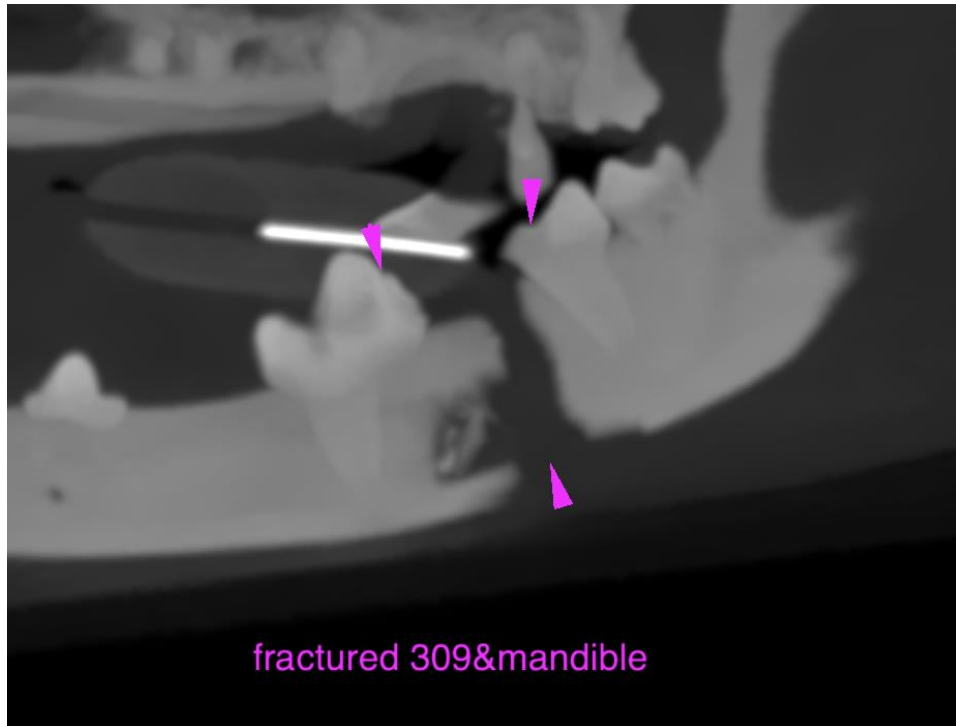
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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