



PATIENT

Rupert Harrop

SPECIES

Feline

BREED

Domestic Short Hair

SEX

Male

AGE

1

WEIGHT

4kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Lauren Crouch

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Leanna Jansen

INVOICE

73393

DATE

1-20-26

PRESENTING CLINICAL SIGNS

History:

- RTA not seen, taken to local vets and scanned, owner found.
- Has obvious symphyseal fracture present.
- Concerned about crunching when palpated around caudal RIGHT zygomatic arch (despite left eye being exophthalmos)
- Has slow bilateral epistaxis. Also has evidence of HCM (pre-existing condition)

Abnormal PE/Chem/CBC/UA Results: n/a

COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

The zygomatic process of the temporal bone bilaterally is separated from the temporal bone by a well-defined sagittal fracture line and deviated dorsally. The condylar process of the mandible bilaterally is in situ.

The viscerocranium presents multiple fractures and is deviated to the right. The diastasis is appreciated between the horizontal plate of the right and left palatine bone – extending from the midline of the incisor bone up to the caudal margin of the hard palate. The osseous margins of the choanal present multiple fracture lines and are partially depressed into the lumen. The fractures are extending into the hamulus of the pterygoid bilaterally.

A moderate amount of soft tissue material is attached to the nasal conchal structures.

A fracture of the mandibular symphysis is seen – that is moderately widened and step formation between the right & left mandible is appreciated. In the rostral segment of the body of the right mandible – caudal to the alveolar crest of triadan 404, an irregular short oblique fracture line is seen with very mild displacement of the rostral segment.

The left ocular bulb is displaced from the left orbital cavity rostrally. In the left orbital cavity, a diffuse soft tissue swelling with interspersed gas bubbles is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Acute traumatic fracture zygomatic process temporal bone bilaterally with dorsal displacement – no evidence of luxation of the temporomandibular joints
- Fractured mandibular symphysis
- Acute traumatic short oblique fracture rostral segment body right mandible
- Multiple complex fractures of the viscerocranium with secondary right deviation of the osseous lining of the nasal cavity
- Secondary traumatic left sided exophthalmos and emphysema left orbital cavity
- Secondary stenosis of the choana

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with preceding craniofacial trauma with multiple complex fractures of the osseous structures of the viscerocranium and mandibular fractures. Surgical management of the mandibular fracture is beneficial along with conservative management of the fractures of the viscerocranium.



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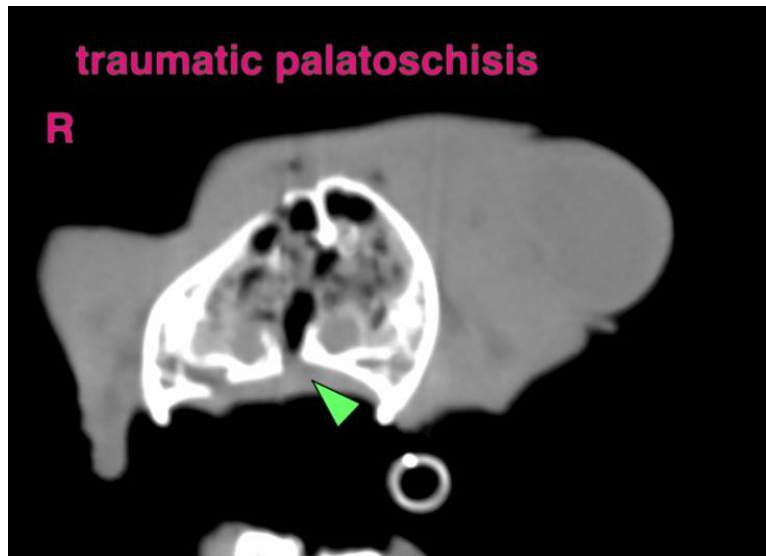
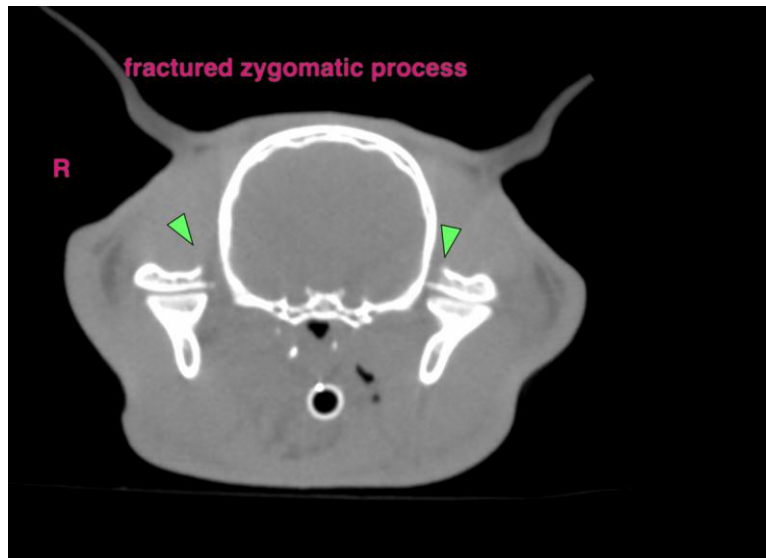
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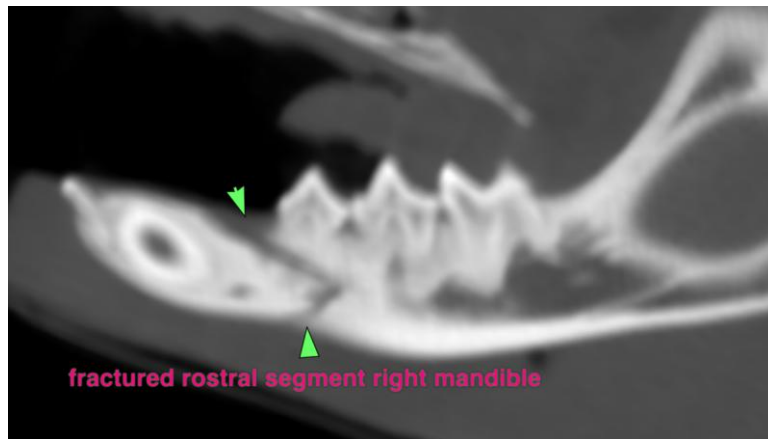
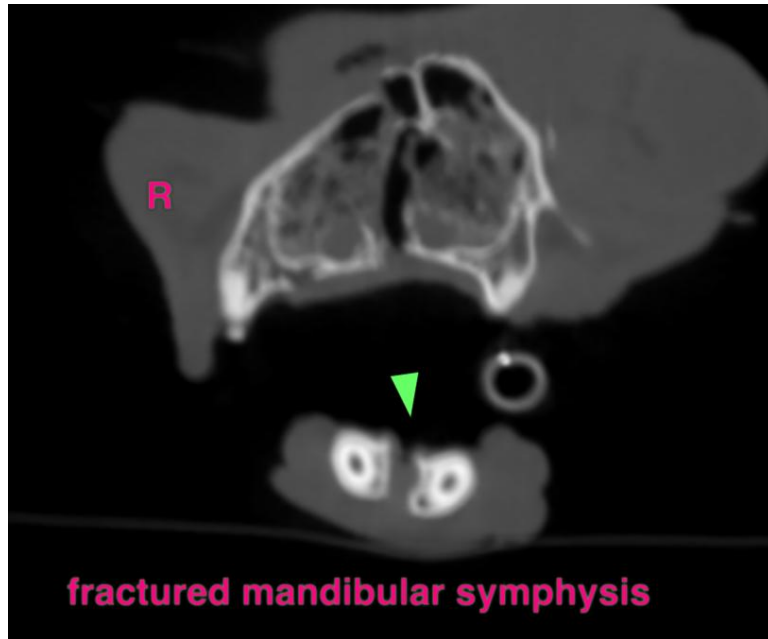
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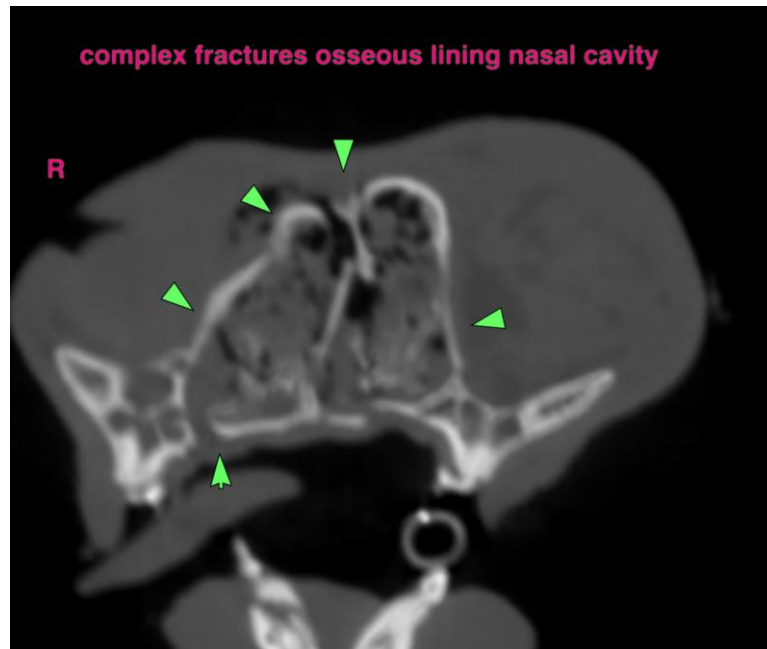
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com