



PATIENT PRESENTING CLINICAL SIGNS

Percy Bush Found on the side of the road on 9/27: Suspected fractured jaw and some nasal congestion. Feeding tube placed.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Feline Plain and post-contrast studies available for review. Post-contrast studies include 1 closed and 1 open mouth.

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH Patient has a history of car accident with multiple facial bone fractures.

A feeding tube is seen entering the upper cervical esophagus.

SEX

Intact Male A cerclage wire has been placed around both mandibles caudal of the canine teeth. Symphysiolysis with mild deviation of the mandibles is seen. However, the degree of malalignment is minimal in the rostral parts of the mandible and increased caudally. There is an oblique fracture of the right mandible within its caudal body caudal of the molar teeth with mild caudoventral and lateral displacement.

AGE

2 Years Severe comminuted fracture of the left temporomandibular joint is seen with the condylar fossa of the zygomatic arch being completely separated from the temporal bone and multiple fracture fragments of the condylar process of the mandible.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Maxillary symphysiolysis is seen as well as a cleft in the osseous hard palate. The soft tissue of the hard palate appears to be closed. There is a left maxillary fracture paralleling the alveolar crest of the left premolar and molar teeth in a palatinal position and blending into fracture of the left bony orbita.

HOSPITAL NAME

Mobile Pet Imaging
CFL

Multiple facial bone fractures involving the nasal, maxillary, and frontal bones are seen. Resulting in overall asymmetry of the nasal cavities. Fractures of both frontal sinuses are noted with a single fracture of the lateral aspect of the external and internal lamina each in the right frontal sinus and multiple fractures of the external and internal lamina in the left frontal sinus. The osseous limits of the presphenoidal sinuses including the hamulus of the pterygoid bone present multiple fractures. Both frontal sinuses contain hypoattenuating and fluid attenuating material. No peripheral emphysema is seen. There is no evidence of a fracture of the calvarial bones.

REFERRING VET

Rodriguez

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

47699

- Multiple “facial bone” fractures.
- Multiple bilateral frontal sinus and presphenoidal sinus fractures.
- Comminuted articular fracture of the left temporomandibular joint.
- Fracture of the right caudal mandibular body with mild displacement.
- Palatinal and maxillary fractures.
- No fractures of the neurocranium noted.

DATE

10-6-21



PATIENT

Percy Bush

SPECIES

Feline

BREED

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Intact Male

AGE

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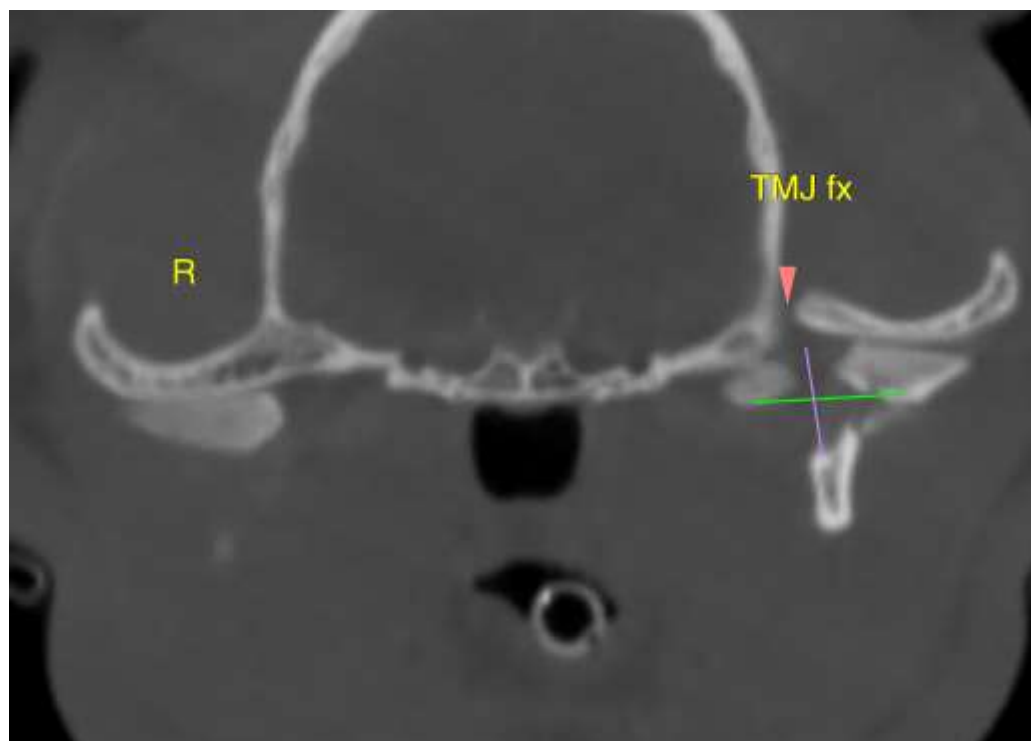
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multiple fractures of the “facial bones” are seen. The fractures do spare the neurocranium. However, the traumatic osseous injury of the facial bones is complex, and the most significant injuries involve the left temporomandibular joint which presents a comminuted fracture with articular involvement as well as the right mandibular body and the left maxilla.

The paranasal sinus injury appears to not affect the patient in terms of check valve effect and emphysema at this point.

Based on the CT findings, it appears likely that the left temporomandibular joint and right mandibular injuries, at least, need to be addressed surgically in order to ensure proper mastication and occlusion in the long term.





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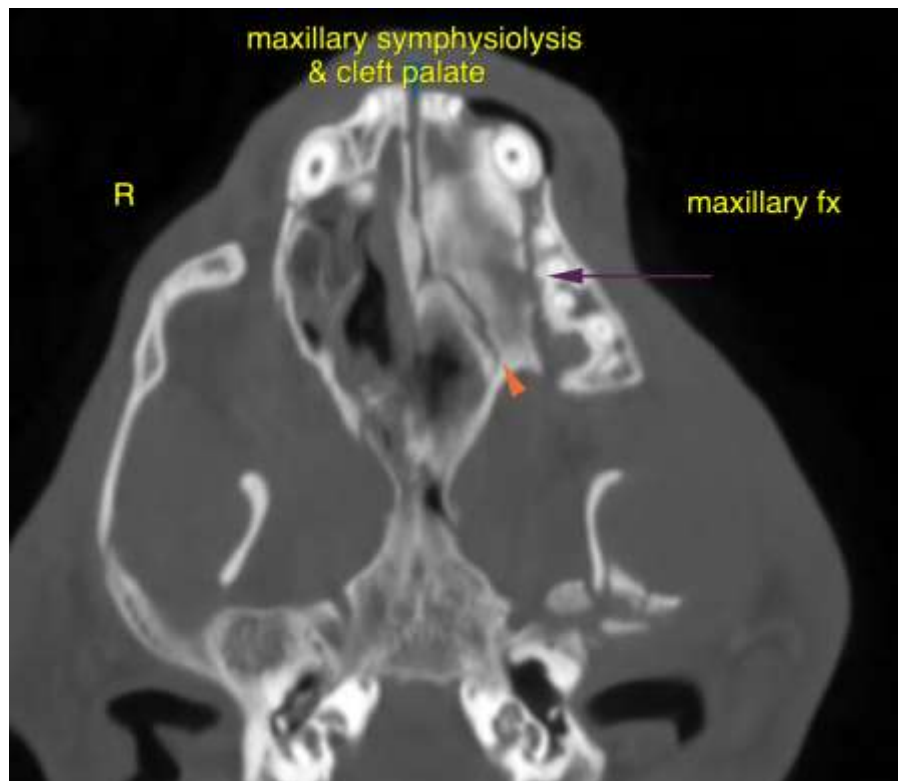
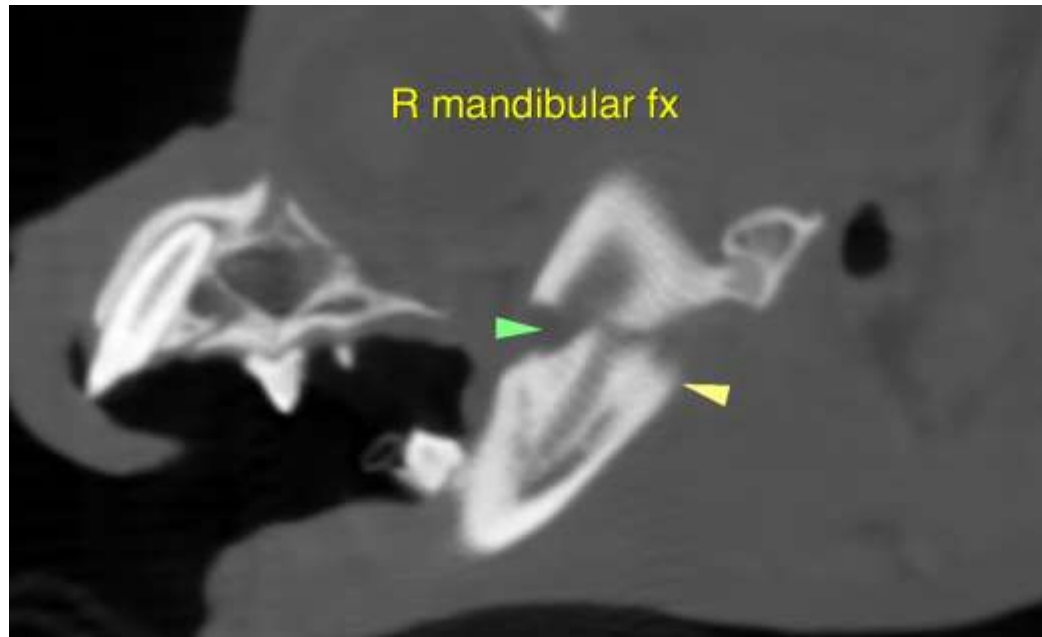
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Percy Bush

SPECIES

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BREED

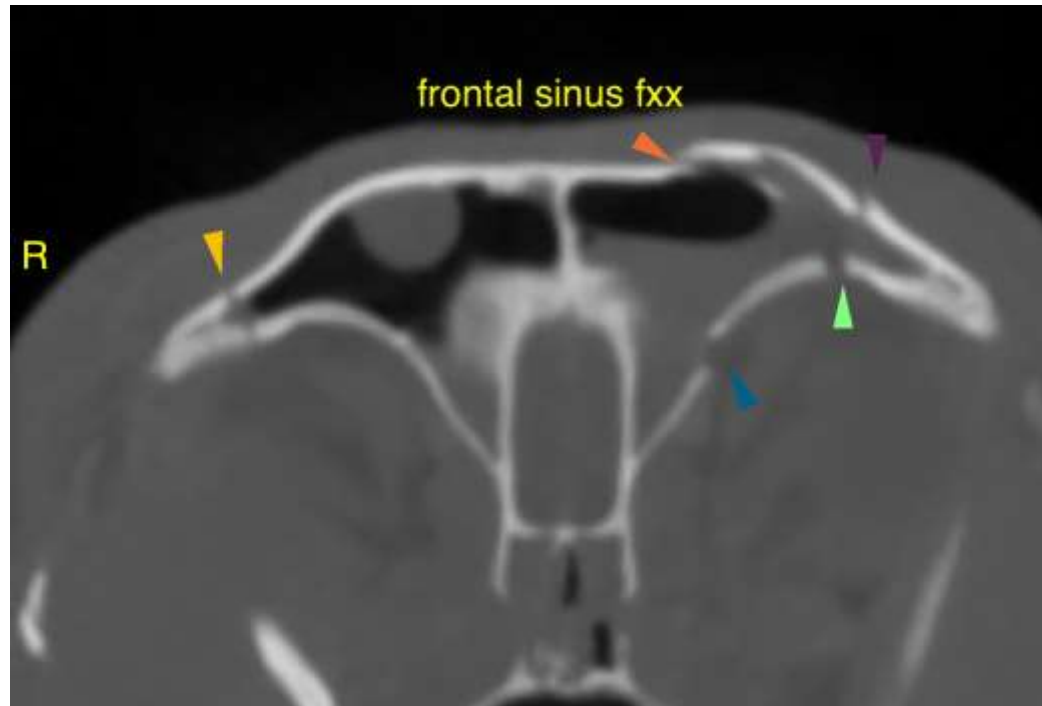
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Intact Male

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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.

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.

HOSPITAL NAME

Mobile Pet Imaging
CFL

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