



PATIENT PRESENTING CLINICAL SIGNS

Ringo Daniels Head trauma. Mandible is shorter than maxilla.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Feline A pre- and post-contrast CT study of the head are provided for review. One pre-contrast series of head.

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH Multiple small lines of discontinuity are seen, and they cause a mild to moderate compression on the nasal airway. The plane lines of discontinuity are seen in the palatine process of the maxillary, palatine bone, the perpendicular plane of the ethmoid bone, and the right and left side of the orbital plate of the ethmoid bone. In addition, multiple small lines of discontinuity are seen bilaterally in the zygomatic arch with mild compression. Consequently, right-side exophthalmia is seen, with mild protrusion of the globe. Fat stranding attenuation and mild mass effect are seen on the right retrobulbar space.

SEX

Male Intact

Moderate hypoattenuating soft tissue material is seen confluent to the nasal turbinates, with mild loss of turbinate architecture and symmetry.

AGE

6 Months

Moderate hypoattenuating soft tissue material is almost completely obstructing the choana and is adjacent to some fracture lines.

T bilateral sphenoidal sinuses are filled with hypoattenuating fluid material.

INTERPRETED BY

Mild ventral-dependent hypoattenuating fluid accumulation is seen in the frontal sinuses.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The nasopharynx and oropharynx are normal.

The right tympanic bulla is filled with a minor quantity of hypoattenuating fluid material. The left tympanic bulla and the auditory canal are normal.

HOSPITAL NAME

Aloha Pet & Bird Hospital

All maxillary teeth are present.

Cribriform plate is normal.

Other calvarium bones are normal.

REFERRING VET

Dr. J. Pepen

The brain is normal, no mass effect.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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3-7-23

- Multiple bilateral compressive traumatic fractures lines at maxillary palatine bones, perpendicular plane of ethmoid bone, palatine, orbital and zygomatic arch bones bilaterally, with mild to moderate displacement and airway compression.
- Nasal cavity and choana are partially obstructed by soft tissue accumulation material - hemorrhagic, or swelling/edema.
- Traumatic right side retrobulbar hemorrhagic and soft tissue swelling, and consequent exophthalmia.



PATIENT • Minor bilateral fluid accumulation in the frontal sinus and right-sided tympanic bulla.

Ringo Daniels

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The multiple maxillary fracture lines are correlated to the history of head trauma and facial asymmetry. The lesions are bilateral; however, a more consequent effect is seen on the right side and is related to exophthalmia. Therefore, a right-side ocular exam is suggested, or an ocular ultrasonography. Conservative management is suggested. Attention should be given to the partial obstruction of the airway passage and also fluid accumulation material caused by the mentioned fractures.

SPECIES

Feline

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REFERRING VET

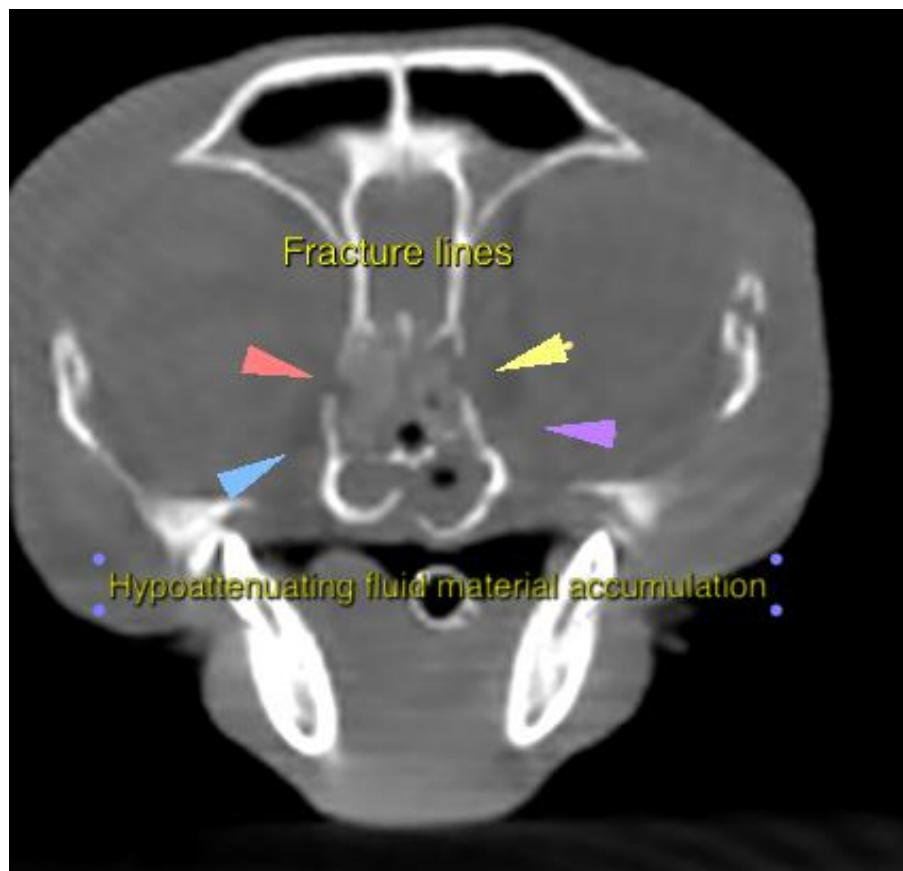
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PATIENT

Ringo Daniels

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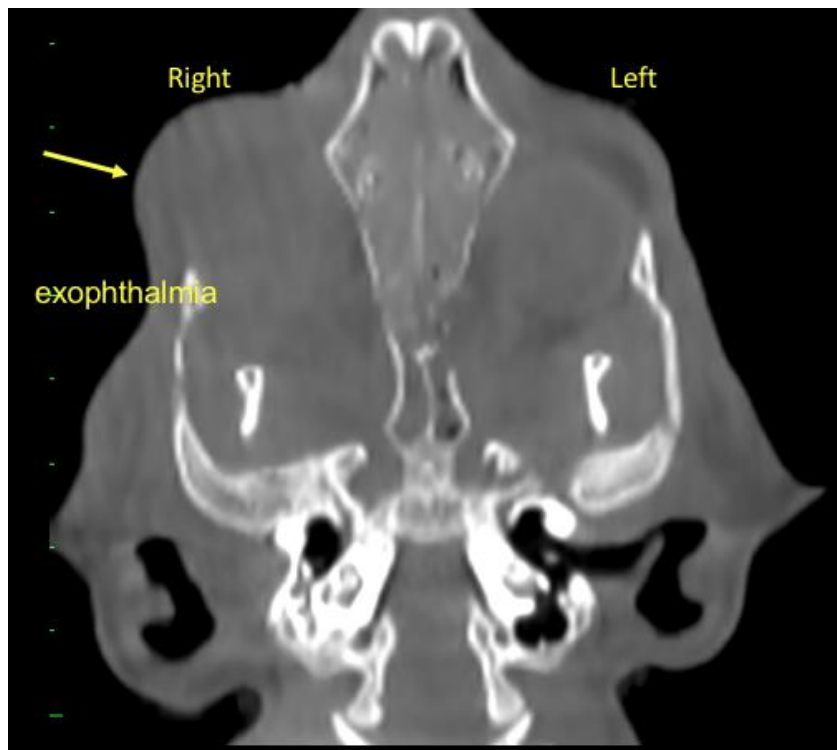
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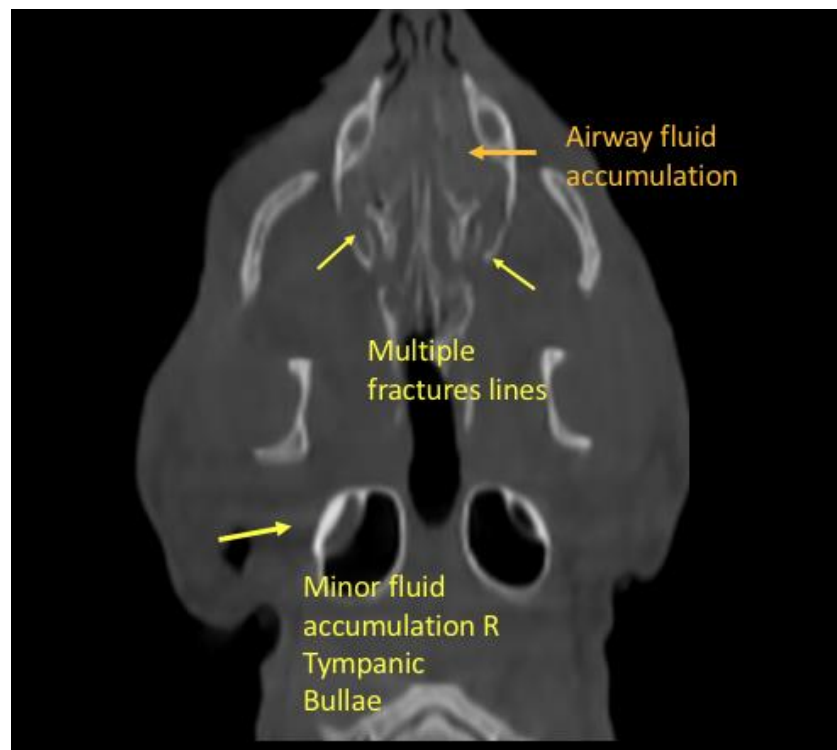
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PATIENT

Ringo Daniels

SPECIES

Feline

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.

BREED

DSH

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