



PATIENT PRESENTING CLINICAL SIGNS

Finn Johnson P was referred by primary veterinarian for sneezing and sometimes open mouth breathing since November 2022. P was treated in January 2023 with Azithromycin, Convernium injection and Metacam. There was no improvement with this treatment protocol. P has also started coughing and has had an increase in nasal discharge. P has a history of being bitten in the head as a kitten. There was a puncture wound that has since healed but there is an obvious deformity/dent between the eyes on the bridge of the nose.

SPECIES Feline

Abnormal PE/Chem/CBC/UA Results: Chem 10/CBC results were WNL

BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

DSH A pre- and post-contrast CT study of the head are provided for review totaling two series. One pre-contrast series and one post-contrast series.

SEX COMPUTED TOMOGRAPHIC FINDINGS

MN The facial and calvarium bone structures are asymmetrical, and the deformities are more evident on the left side, including an irregularity at the nasal bone, a sinking at the squamous part of the frontal bone, and a deformity at the cribriform plate. At the calvarium bones, a major deformity is noted at the occipital bone and right temporal fossa. A small interruption in bone is noted and persists in the region of the left frontal bone close to the interfrontal suture on the forehead. These deformities are likely associated with scars from previous traumatic events.

AGE 6 Years, 5 Months

There is moderate loss of the turbinate architecture overlapping mild multifocal hypoattenuating fluid material at the left nasal cavity; also, a mild nasal septum bone shift to the right is noted. No mass effect is identified.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The left frontal sinus is completely filled with hypoattenuating fluid material. The right frontal sinus is air-filled. The sphenoidal sinuses are unremarkable.

The choana, nasopharynx and larynx are normal.

HOSPITAL NAME

Casselton Vet Service The tympanic bullae and external auditory canals are unremarkable.

No mass effect is seen in the brain or abnormal enhancing.

REFERRING VET

Dr. Laurie Huckle The temporomandibular joints are bilaterally congruent.

There are few missing teeth including the triadans 109, 209 and 307. There is mild diffuse horizontal and vertical bone loss along the remaining maxillary and mandibular teeth. In addition, there is a more irregular demarcated geographic lysis associated with the adjacent triadan 206 and lytic lesions at the dentine at the triadans 206 and 307.

INVOICE

59314 The globes and retrobulbar spaces are unremarkable.

The retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

DATE

7-12-23



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Finn Johnson
- Multiple facial and calvarium bone deformities and asymmetry, likely a scar and correlated to previous traumatic event. Due to that, there is more evident deformity at the left frontal sinus, nasal bone, and cribriform plate, however no interruption at the cribriform plate.
- SPECIES**
- Mild to moderate left side chronic destructive rhinitis and mild fluid accumulation, no mass effect is identified.
- Feline
- Left side sinusitis, and mild interruption of the adjacent soft tissue and sinking at the left frontal bone.
 - Periodontal disease and a few missing teeth including the triadans 109, 209 and 307. Some caries or dental reabsorptions are suspected at the triadans 206 and 307.

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Left-sided chronic destructive rhinitis and sinusitis are seen. Differential diagnosis includes inflammatory lymphocytic plasmocytic, viral rhinitis, concurrent bacterial, and less likely fungal rhinitis.

SEX

MN

The facial bone deformities could be the cause of the destructive rhinitis and sinusitis lesions, and due to the likely nature of the rhinitis and sinusitis, constant management will probably be necessary. A nasal flush is suggested.

AGE

Correlate the tomographic dental findings with the oral exam.

6 Years, 5 Months

INTERPRETED BY

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

HOSPITAL NAME

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REFERRING VET

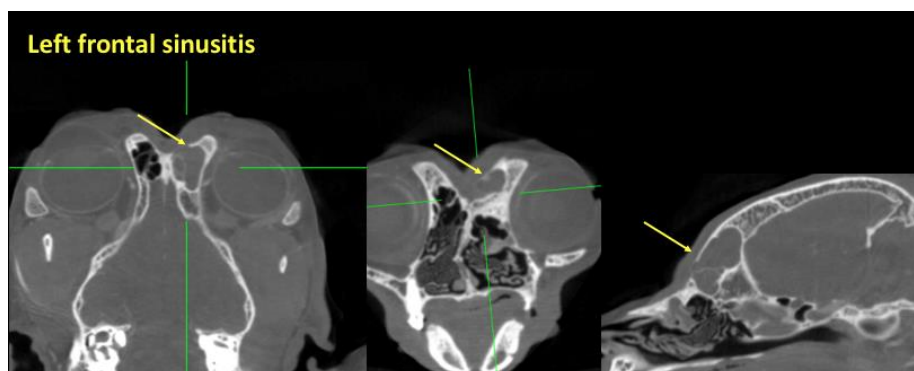
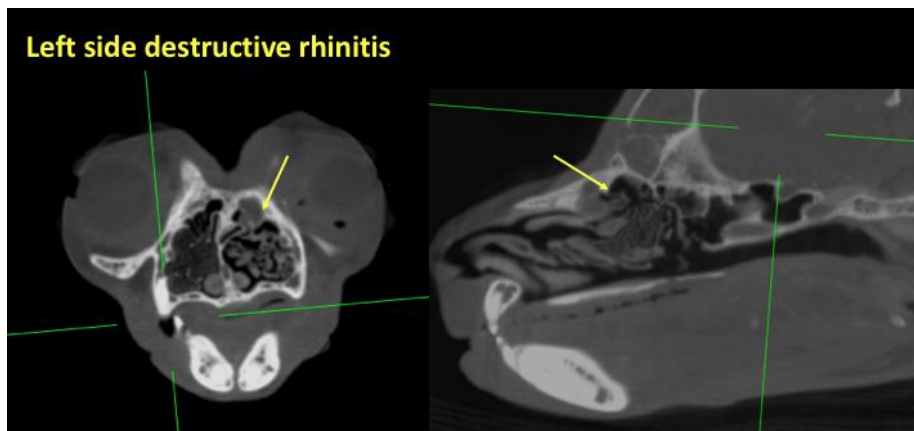
Dr. Laurie Huckle

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PATIENT

Finn Johnson

SPECIES

Feline

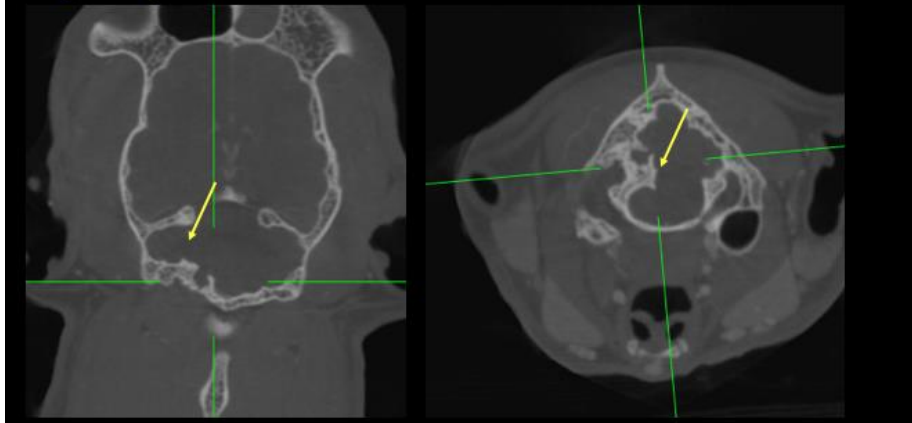
BREED

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SEX

MN

Calvarium bones, the major deformity is noted at the occipital bone and right temporal fossa.



AGE

6 Years, 5 Months

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.

INTERPRETED BY

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

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.

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HOSPITAL NAME

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