



PATIENT

Benito Torres

SPECIES

Feline

BREED

DSH

SEX

Intact Male

AGE

8 Months

WEIGHT

5 Pounds

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING PERFORMED BY

HVSFA

HOSPITAL NAME

Hospital Veterinario
San Francisco de Asis

REFERRING VET

Dr. Meaux

INVOICE

35421

DATE

11/6/25

PRESENTING CLINICAL SIGNS

History of head trauma at a very young age (July). Diagnosed last week with sinus fracture suspect 2ry to previous trauma.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK

Both frontal sinuses appear extended and deformed, the right one more than left with a complete soft tissue dense filling of the latter. The images after contrast application present a wall associated enhancement of the mucous membranes with the suspicion of an expansile mass, at least in the right frontal sinus. The deformation of the bony margins leads to an impression of the cranial vault and a mild compression of the right olfactory bulb with a suspected increased enhancement of the meninges. In addition, the changes lead to a thinning of the bony lamina with an expansion of the lesion into the subcutaneous region, where a broad-based bump is recognized dorsal to the frontal sinuses with an inhomogeneous contrast enhancement and central fluid fillings. More to the left a fluid filled rim noted aligning with the dorsal lamina. The margins to the cranial vault appear intact. The lesions expand into the nasal cavities and the sphenoidal sinuses. The rostral parts of the nasal cavities show mild swelling of the mucous membranes but are aerated on both sides. An oro-nasal fistula is not recognized. Both nasal exits and the nasopharyngeal meatus are regularly ventilated as well as the tympanic bullae and the external ear canals. The neurocranium shows normal findings. The soft tissues of the head and neck are bilaterally and symmetrical with mild enlargement of the retropharyngeal lymph nodes.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspected soft tissue dense mass frontal sinuses with an expansion into the subcutaneous region
- Suspected perifocal meningitis
- Mild retropharyngeal lymph adenomegaly

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are suspicious for an inflammatory polyp within the frontal sinuses/chronic sinusitis and an abscess formation aligning with the dorsal lamina and the dorsal/frontal head. Foreign material is not detected. Secondary bacterial infection is likely. I would assume mild perifocal meningitis in the right olfactory bulb.

The deformation of the lamina and the cranial part of the skull lead to an impression of the olfactory bulb. These findings must be correlated with the clinical presentation/neurologic symptoms. The thinning of the bony margins represents a mildly aggressive and erosive biological behavior. For further assessment, biopsy and histopathology are needed. I do not suspect malignant neoplasia.



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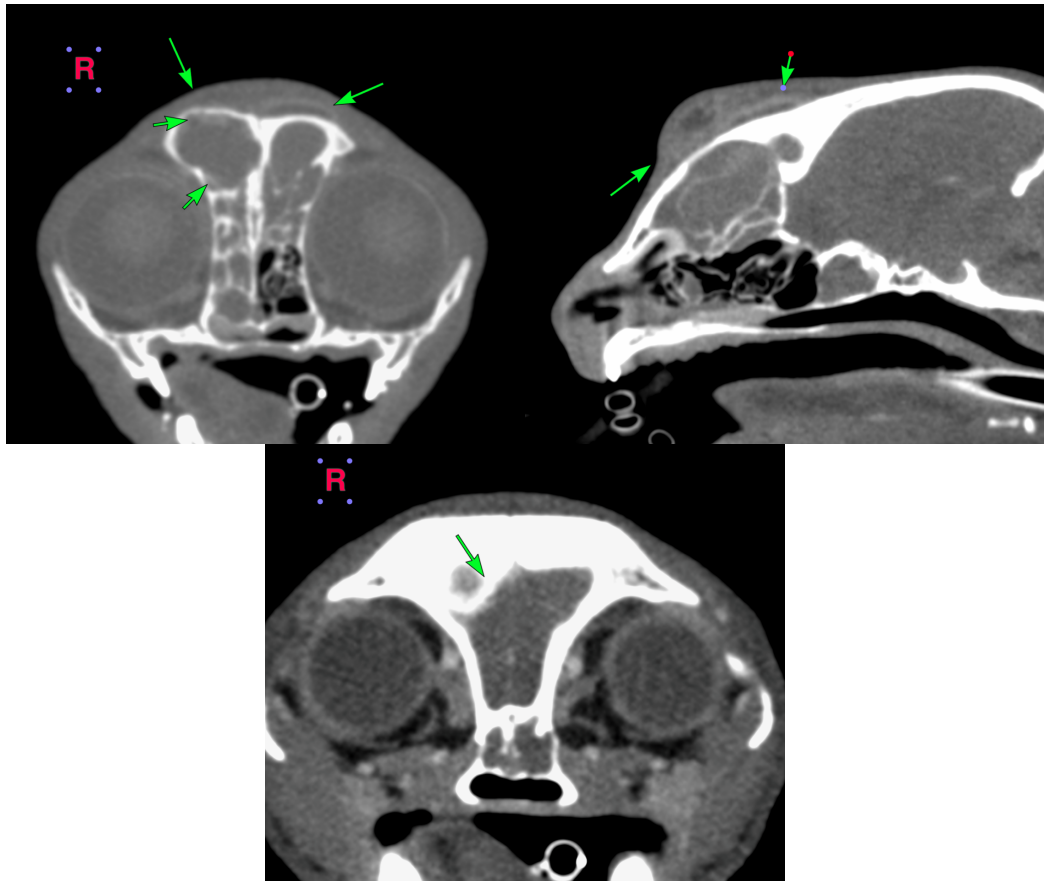
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
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