



PATIENT PRESENTING CLINICAL SIGNS

King Zelmer History: Presented in 6/2021 w/ firm 1 inch swelling between eyes. P started on Clindamycin 75mg BID for 14 days. No improvement. Biopsy was performed on 7/12/2021. Results showed focal granulomatous to mixed inflammation w/ fibrous tissue. Culture/sensitivity showed no growth. P currently on Prednisone 2.5mg SID. Draining tract present upon presentation today for scan.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

Boston Terrier

In the area of the cribriform plate there is a granular-like/cloudy new bone formation noted that extends from the midline into the nasal cavities on both sides and affects the caudal conches, frontal sinuses and bony borders to the orbits. The frontal sinuses are destructed presenting highly irregular periosteal reactions and lytic lesions with swelling of the adjacent soft tissue. The inner outline of the cranial vault at the level of the cribriform plate is ill-defined and irregular. A relevant mass effect on the brain is not noted.

SEX

Neutered Male

Both tympanic bullae are completely ventilated with a mildly hyperostotic bulla wall. External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

AGE

9 Years 3 Months

The medial retropharyngeal lymph nodes are inconspicuous.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INTERPRETED BY

- Expansile nasal mass with a suspected aggressive biological behavior

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings are highly suspicious for a malignant bone lesion as commonly seen with (multilobular) osteosarcoma. The granular like central texture, the invasion of the adjacent bony structures and the highly irregular periosteal findings would go along with that assumption. There may be secondary inflammation or fibrous tissue present but I strongly favor a malignant bone lesion from a CT perspective. Currently there is no evidence of a regional metastatic spread.

HOSPITAL NAME

State Avenue VC

REFERRING VET

Dr. Raul Casas-Dolz

INVOICE

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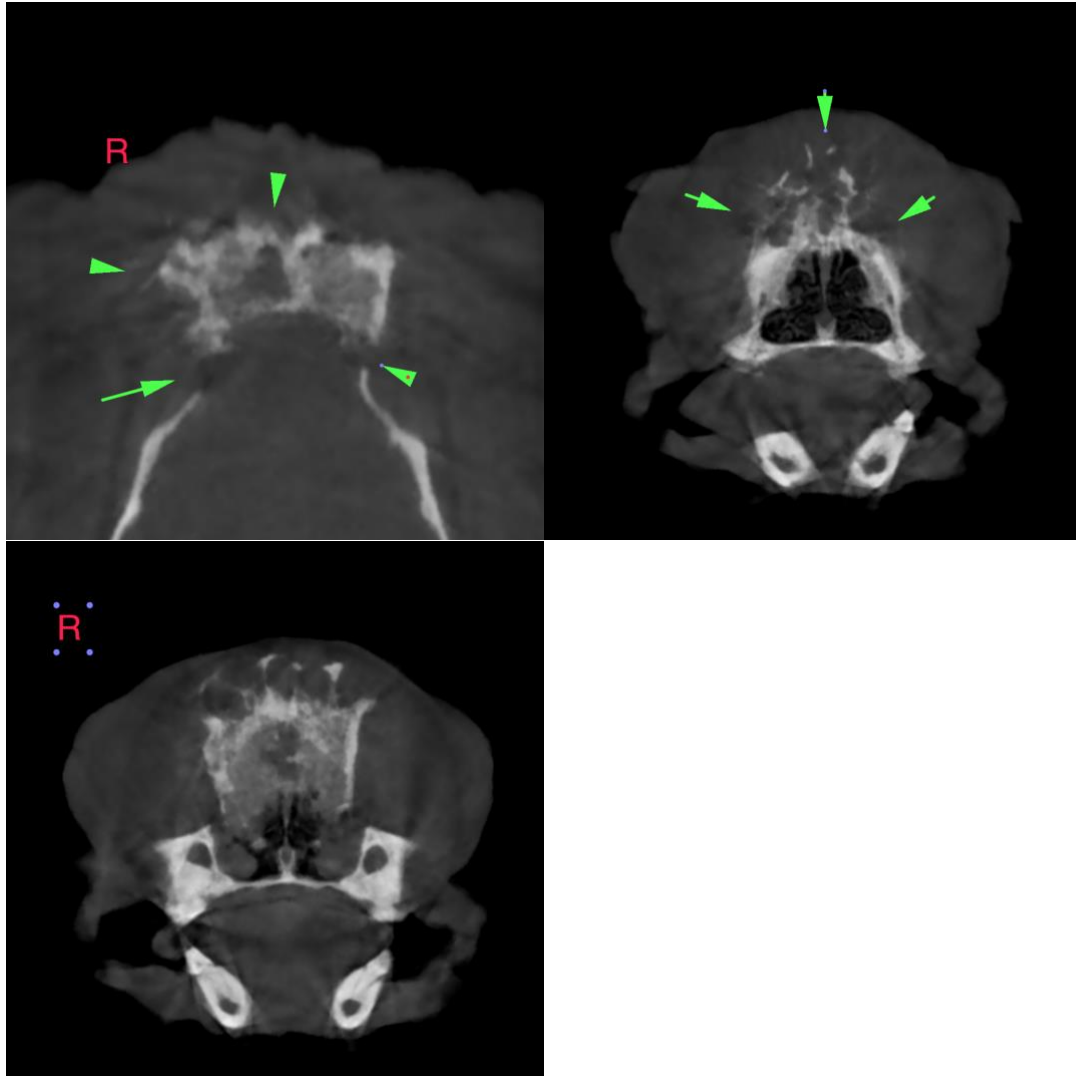
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com



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