



PATIENT

Blue Bills

PRESENTING CLINICAL SIGNS

Unilateral epistaxis, obstructed airflow for about 1 month

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Australian Shepherd

COMPUTED TOMOGRAPHIC FINDINGS

A 5.5 x 3 x 3 cm sized irregular shaped and ill-defined soft tissue mass with heterogeneous contrast enhancement is seen in the mid and caudal third of the left nasal cavity. Regional turbinate destruction and polyostotic aggressive bone lysis is noted and allows for extension of the mass into the cranial vault, left orbita, right nasal cavity, nasal fundus, and oral cavity. An extraaxial intracranial mass effect onto both frontal lobes is seen from a rostral and ventral aspect. The left frontal sinus is filled with fluid attenuating contrast negative material.

SEX

M

The regional lymph nodes present within normal limits.

AGE

6 Years

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with left orbital, intracranial, intraoral extension as well as extension into the nasal fundus and right nasal cavity.
- Obstructive left frontal sinusitis.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with a malignant soft tissue neoplasia within the left nasal cavity with polyostotic aggressive bone lysis and intracranial as well as left orbital extension. The mass also extends into the right nasal cavity, nasal fundus, and oral cavity. Differential diagnosis includes adenocarcinoma, other carcinoma, and lymphosarcoma primarily. Other neoplasia cannot be ruled out but is less likely. Final diagnosis would require sampling for histology.

HOSPITAL NAME

Mountain West
Veterinary Hospital

At this time, there is no evidence of metastatic disease to the regional lymph nodes.

REFERRING VET

Melanie Thompson

INVOICE

55367

DATE

11-22-22



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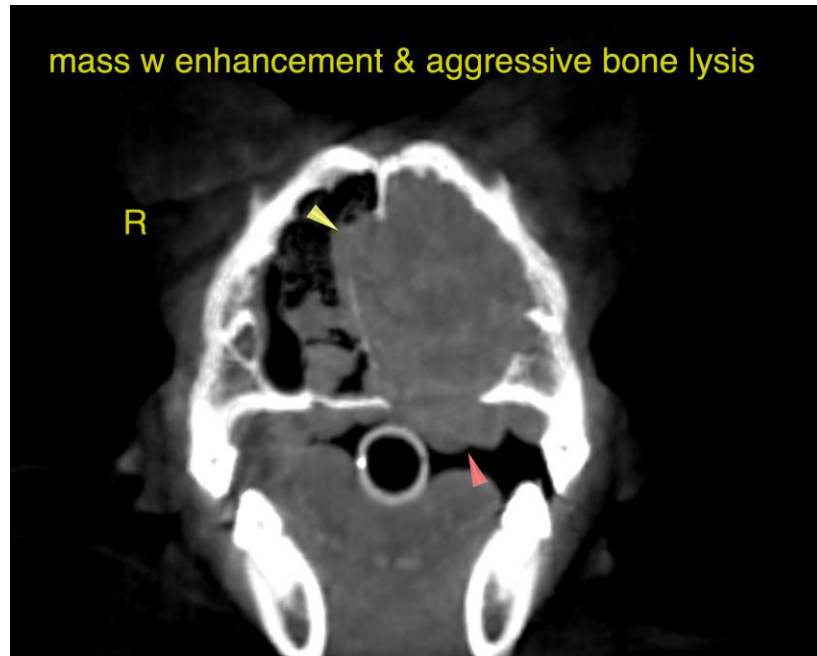
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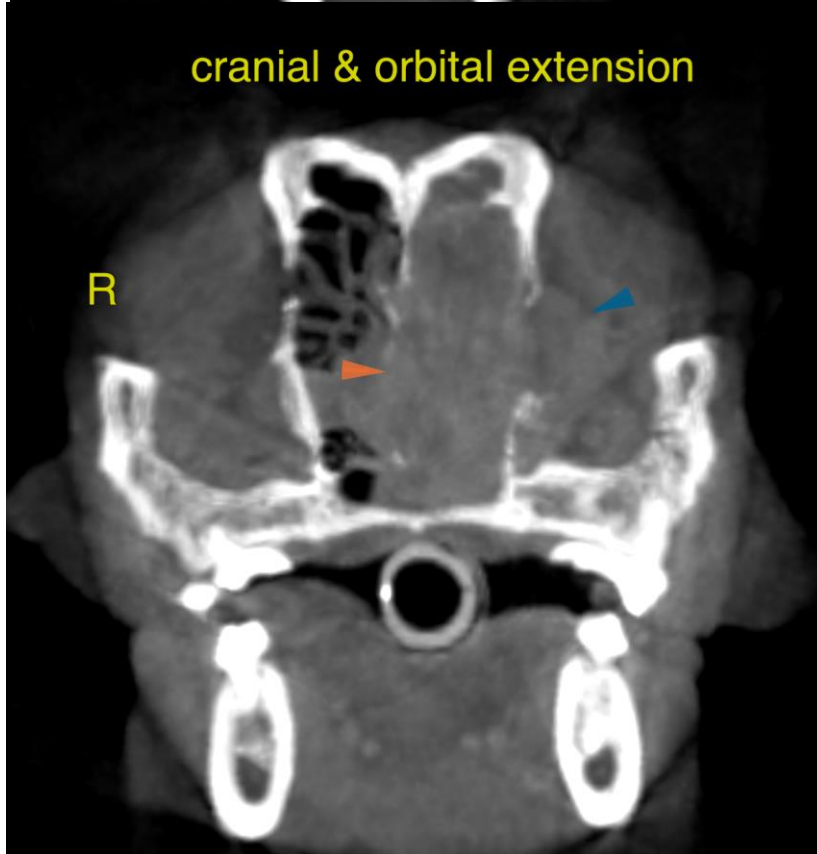
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mass w enhancement & aggressive bone lysis



cranial & orbital extension





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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.

SPECIES

Canine

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

Australian Shepherd

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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