

**PATIENT**

Qilaq Ashby

PRESENTING CLINICAL SIGNS

Swelling around ventral OS. Concern for neoplastic process

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Malamute

COMPUTED TOMOGRAPHIC FINDINGS

An approximately 2.5 cm sized irregular shaped and ill-defined soft tissue attenuating mass with strong nonuniform contrast enhancement is seen within the rostral and nasal portion of the left orbita and onto the dorsum of the nose. Severe aggressive osteolytic changes of the underlying bony orbita and nasal bone are seen and allow for intranasal extension with regional turbinate destruction. Amorphous periosteal new bone formation extends rostrally from the mass onto the dorsum of the left nasal and maxillary bones up to the mesial margin of the Triadan 207. Mild temporal and caudal deviation of the left eye is seen. There is no evidence of direct invasion of the ocular structures. The mass and osteolytic changes include the pathway of the left nasolacrimal duct. The Triadan 209 presents a resorptive lesion of its buccal and mesial root.

SEX

NM

AGE

7 Years

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

The tympanic bullae are aerated, the mucosal lining is not seen, and the bony wall is smooth and thin. The external ear canals are within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

The submandibular lymph nodes present within normal limits.

HOSPITAL NAME

Animal Health Care
Denver

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive bone lysis rostral of the left eye with extension along the nasolacrimal duct.
- CORL Triadan 209.

REFERRING VET

Kaitlyn Hart

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are suggestive for soft tissue neoplasia with secondary aggressive bone lysis such as lacrimal gland adenocarcinoma, other carcinoma, and less likely lymphosarcoma. Severe nasolacrimal duct infection with or without foreign material with extensive regional osteitis cannot be ruled out as a differential diagnosis and extensive sampling is recommended for further definition.

INVOICE

47422

DATE

9-14-21



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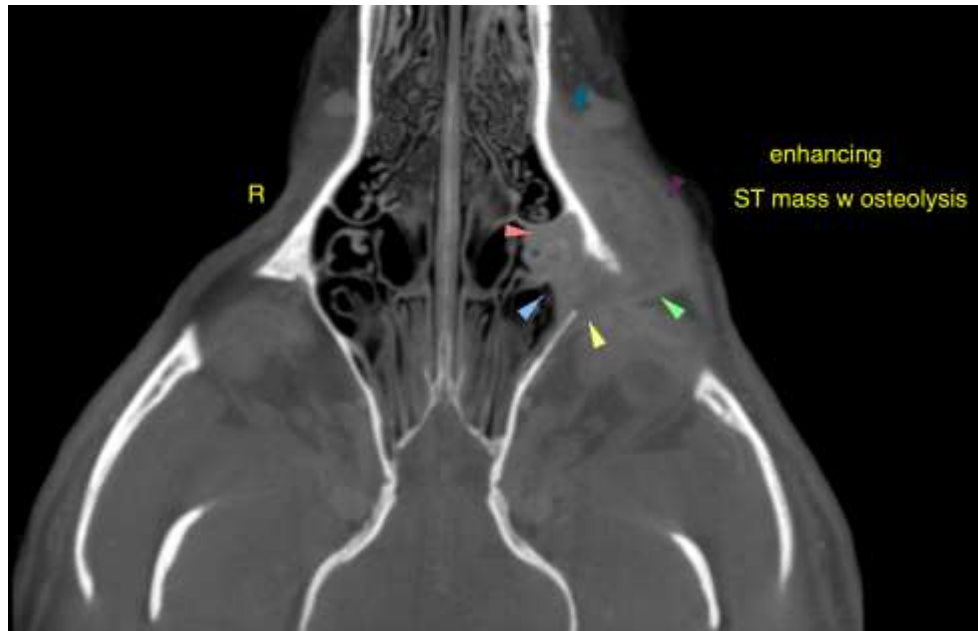
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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