



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Glacier Meyerer
SPECIES Canine
BREED Alaskan Malamute
SEX Neutered Male
AGE 8 Years

History: Problem List: pain score 2/4 pain near ventral cervical region dropping food/drooling - intermittent will bite when attempting palpation of ventral neck/visualization on oral exam BAR, good energy level Temp normal weight loss down to 128lbs on 3/8 (was 150 earlier this month) decreased appetite Differential Diagnoses: r/o neck pain vs neoplasia (lymphoma, tumor) vs TMJ disorder vs Masticatory Muscle Myositis vs other r/o corneal ulcer OD, scleritis

Abnormal PE/Chem/CBC/UA Results: cbc/chem on 3/7 = ALP 410; WBC 31.9; Neu 25.26; mono 2.55 significant bleeding noted when swabbing for pcr sample

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

A plain CT and CT study after local contrast administration of the skull in a bone and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The right nasal cavity is occupied by a soft tissue attenuating soft tissue mass. Advanced destruction of the right nasal conchal&turbinate structures is seen. The right maxillary bone, ethmoid bone and the right palatine bone present extensive permeative osteolytic lesions. The right nasal mass is bulging into the right orbitm displacing the right ocular bulb laterally. Osteolysis of the cribriform plate is seen and the nasal mass is mildly protruding into the right rostral cranial fossa. The nasal septum is mildly deviated to the left by the mass effect.

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

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

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

The right mandibular lymph nodes are moderately enlarged and rounded.

The dural tube level with C2 presents moderate peripheral mineralization

REFERRING VET

Silver

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Biologically aggressive right nasal soft tissue mass
- Secondary polyostotic aggressive osteolytic lesions of the surrounding osseous structures of the right nasal cavity with perforation of the cranial fossa
- Lymphadenopathy right mandibular lymph nodes
- Incidental dural mineralization

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

3/11/22



PATIENT

Glacier Meyerer

The findings are consistent with biologically aggressive nasal neoplasia, such as adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, melanoma, other. The nasal mass is perforating the cranial fossa. Rhinoscopy with biopsy can be used as advanced diagnostic test. Based on biopsy results, the chances of radiation therapy can be discussed with oncologist. The Adam tumor grade is T4.

SPECIES

Canine

The odds for metastatic spread to the right mandibular lymph nodes are high – recommend FNA sampling for further definition.

BREED

Alaskan Malamute

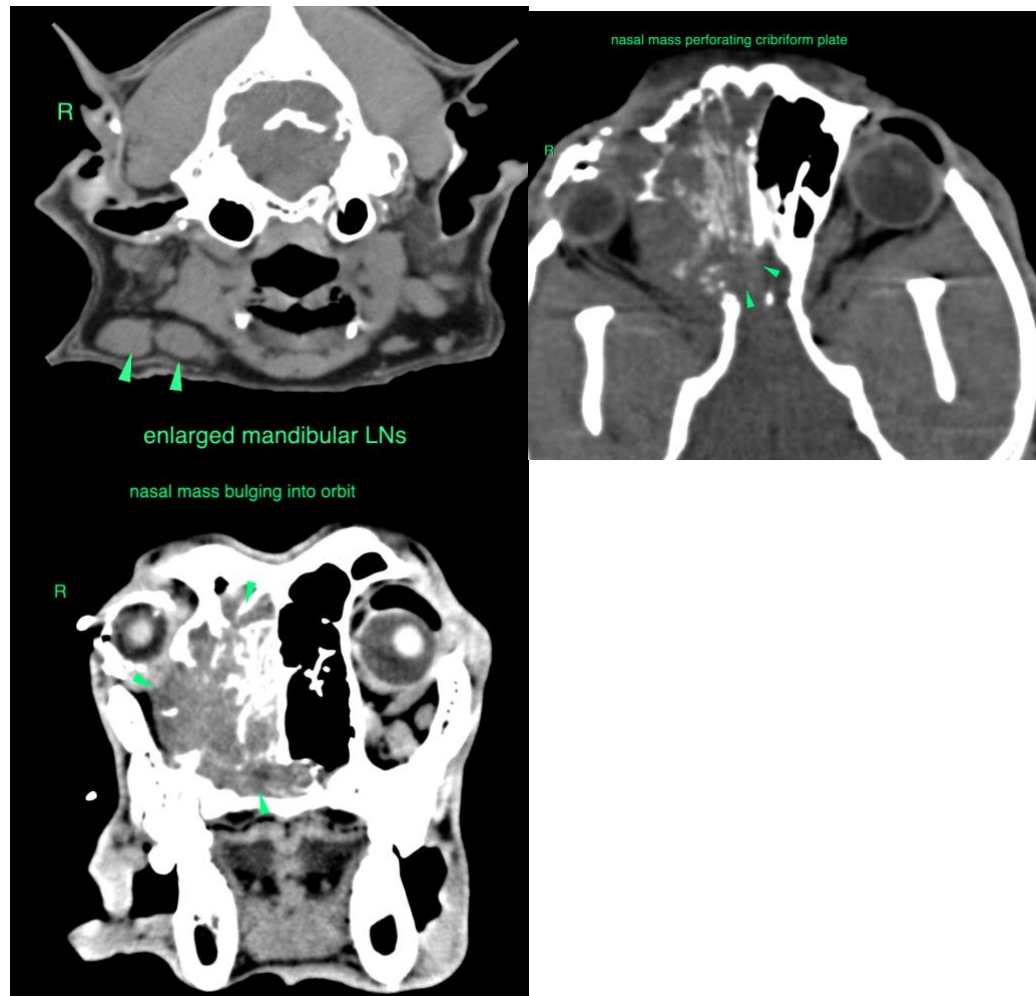
Consider full tumor staging.

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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.

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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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