



PATIENT PRESENTING CLINICAL SIGNS

Murphy Markle
SPECIES Pet has several month history of progressive oral pain. Was concomitantly diagnosed with a cutaneous mast cell tumor that was removed and categorized as a completely excised grade 3 MCT in December 2021. Metastatic disease was found in regional lymph nodes and a new cutaneous MCT on the left lateral thorax 6/9/22. On prednisone 5 mg q24, gabapentin 100 q12, and planning to start palladia, entyce 0.95 ml q24.

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED Plain and post contrast studies available for review.

Lhasapoo
COMPUTED TOMOGRAPHIC FINDINGS

SEX An irregular shaped and ill defined lobulated soft tissue mass of 3.5 cm length and 1.5 cm diameter is seen in the left nasal cavity and left retrobulbar space. Extensive peripheral aggressive osteolysis including the frontal bones, left bony orbita, left nasal and maxillary bones, and skull base is seen and allows for early intracranial extension with meningeal mass effect as well as extension into the left nasal cavity and left frontal sinus. A moderate left sided exophthalmos is seen. The aggressive osteolytic changes do not respect the midline and blend into the right frontal and nasal bones.

Male Neutered

AGE Extensive aggressive lysis of the left maxillary alveolar crest with periodontal space widening of the triadans 208, 209, and 210 is noted.

11 Years

INTERPRETED BY The regional lymph nodes present mild symmetric enlargement only.

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The left tympanic bulla is filled with fluid attenuating contrast negative material.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- HOSPITAL NAME**
- Soft tissue mass with aggressive biological behavior and extensive aggressive osteolysis of the skull including the skull base as well as of the nasal cavities and left bony orbita.
 - Left sided otitis media – likely secretory.
 - Left sided medial retropharyngeal and submandibular lymphadenomegaly compatible with reactive hyperplasia.

Wilson Veterinary Hospital

REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dr. Ashley Davis
 The CT findings are highly suggestive for malignant soft tissue neoplasia with extensive secondary aggressive osteolytic changes of the skull and nasal bones. Differential diagnosis includes sarcoma including soft tissue sarcoma as well as chondrosarcoma or osteosarcoma and less likely carcinoma. Final diagnosis will however require sampling for histology.

INVOICE
 52836
 The dental changes may represent a separate entity such as periodontitis or be a consequence of the severe lysis of the maxillary alveolar crest.

DATE
 7-12-22
 The lymph node changes are more likely to represent reactive hyperplasia than early metastatic disease. However, fine needle aspiration could be considered for further definition.



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REFERRING VET

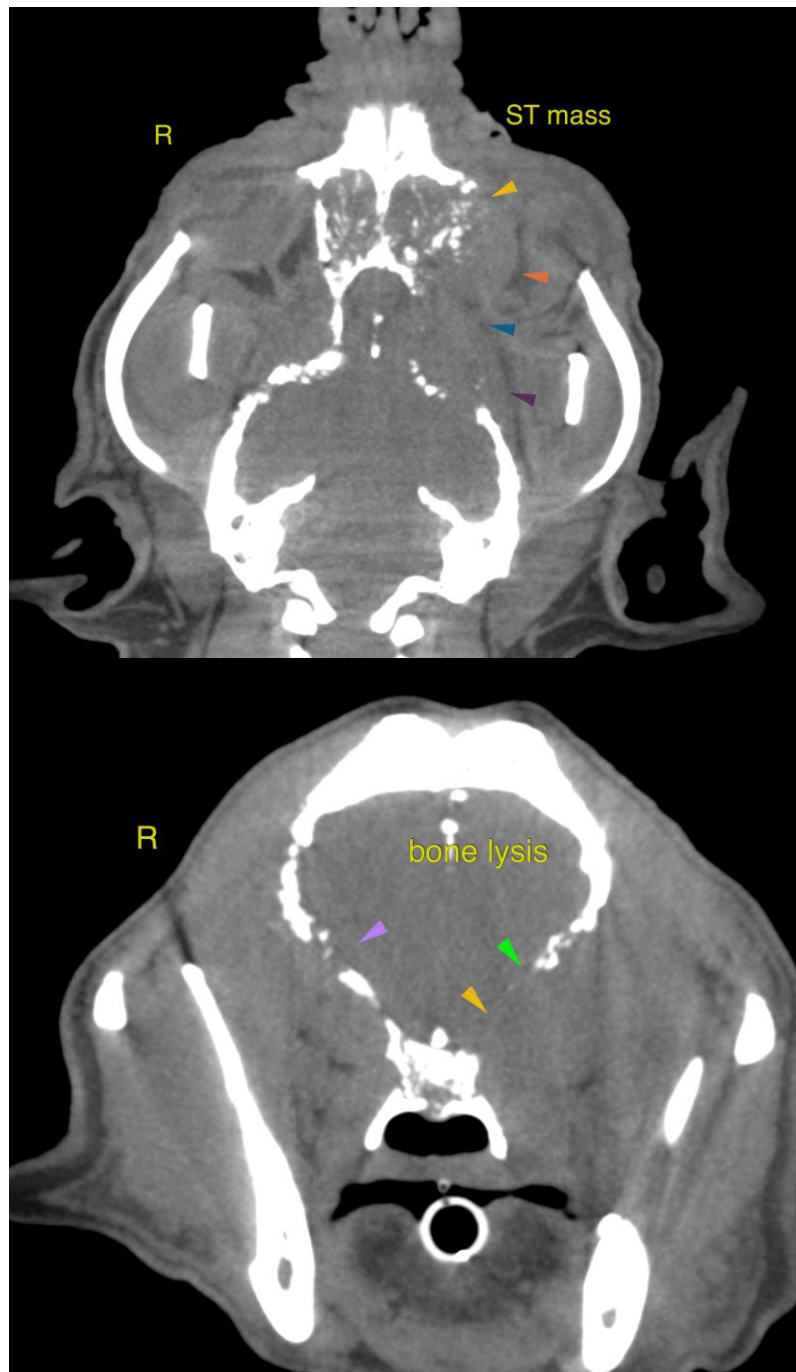
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PATIENT

Murphy Markle

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.

SPECIES

Canine

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