



**PATIENT**

Murphy Malone

**PRESENTING CLINICAL SIGNS**

Murphy presented for mass in mouth. This was first noted 2 weeks ago and seemed to grow over that period. Murphy is not currently on any medication. Bloodwork is within normal limits. Abnormal PE/Chem/CBC/UA Results: normal

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain studies available for review.

**BREED**

Vizla

**COMPUTED TOMOGRAPHIC FINDINGS**

The studies are limited to the assessment of plain studies only.

**SEX**

Male

**Head**

A 4.0 x 4.0 x 3.0 cm sized soft tissue attenuating ill defined mass is seen in the rostral aspect of both mandibles. Extensive aggressive osteolytic changes of both rostral mandibles are seen extending up to the level of the Triadan 308 in the left mandible and up to the mesial margin of the Triadan 407 in the right mandible. The alveolar bone of the effected teeth is completely lost, and their tooth roots are deviated and present resorptive changes.

**AGE**

5 Years

As far as assessable, no regional lymphadenomegaly is identified.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**Thorax**

The CT study of the thorax reveals atelectatic changes of the lung. No evidence of interstitial nodules or masses is seen.

There is no evidence of mediastinal lymphadenomegaly.

**HOSPITAL NAME**

Animal Surgical  
Center

No overt cardiomegaly or specific chamber enlargement is noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass of the rostral mandibles with aggressive osteolysis of both mandibular bodies.

**REFERRING VET**

Dr. Short

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with malignant soft tissue neoplasia with secondary aggressive bone lysis. The osteolytic changes extend up to the mesial margins of the Triadans 308 and 407 in the left and right mandibles, respectively. Differential diagnosis includes fibrosarcoma, squamous cell carcinoma, melanoma, lymphosarcoma, and other. Final diagnosis will require sampling for histology which could be considered if the owners are willing to pursue further treatment such as mandibulectomy or other depending on the type of tumor.

**INVOICE**

48413

**DATE**

11-16-21



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**REFERRING VET**

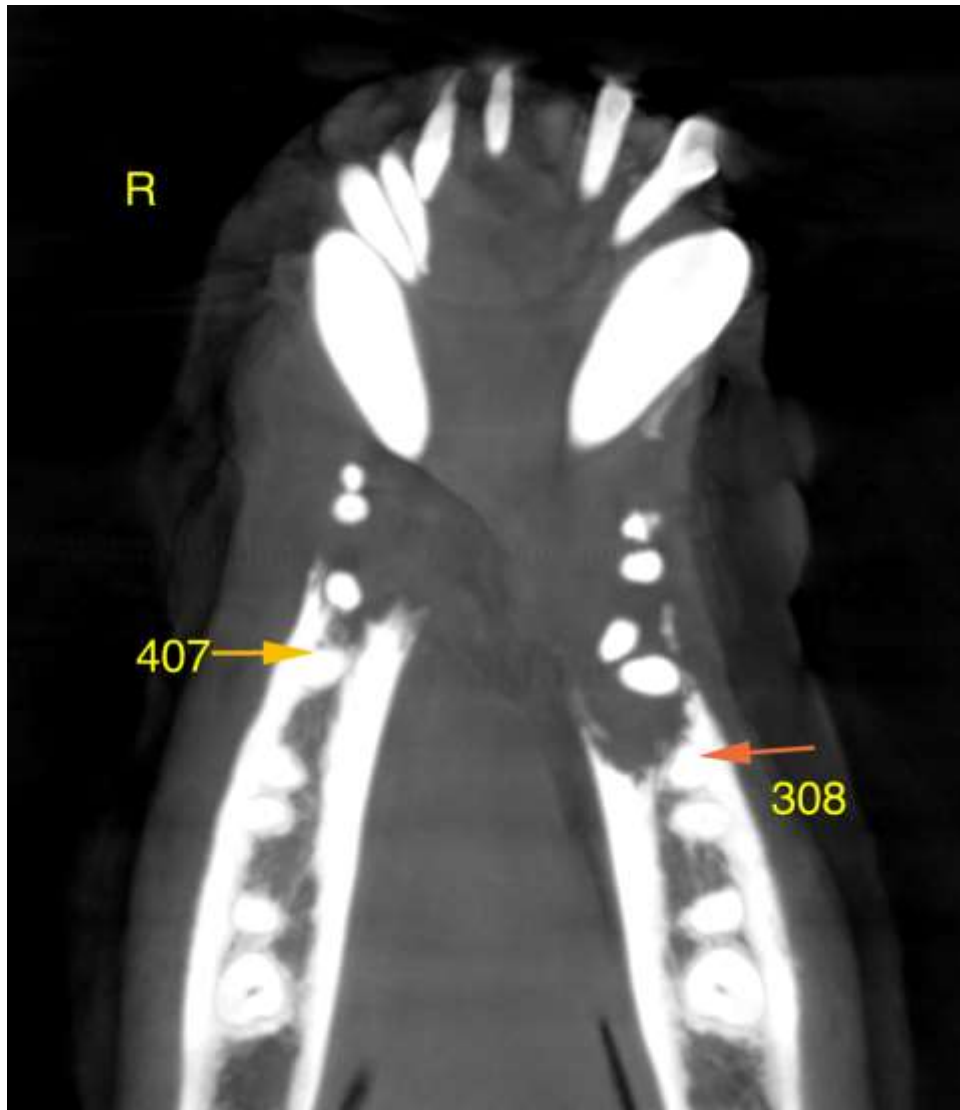
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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