



**PATIENT**

Chloe Gerloff

**PRESENTING CLINICAL SIGNS**

owner noticed foul smell from mouth 2-3 weeks ago, noticed blood on mouth Large growth found on mandible under tongue

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain study available for review.

**BREED**

Puggle

**COMPUTED TOMOGRAPHIC FINDINGS**

A large irregular shaped and ill-defined soft tissue attenuating mass of approximately 3 cm length, 2.5 cm height, and 2.5 cm width is seen under the tongue associated with the left rostral mandible. Lesion margins are ill-defined. Aggressive osteolysis of the left rostral mandible starting from the mandibular symphysis extending up to the mesial margin of the triadan 307 is seen. The dental roots of the triadans 304 and 306 present lytic changes as well. Early aggressive osteolytic changes of the right rostral mandible paralleling the mandibular symphysis appear to be present as well.

**SEX**

FS

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Rostral sublingual soft tissue mass with aggressive osteolysis of the left and early aggressive osteolysis of the right mandible.

**AGE**

12

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a soft tissue mass with aggressive biological behavior rostrally within the oral cavity underneath the tongue. Severe aggressive osteolytic changes of the left rostral mandible spanning the length from the symphysis up to triadan 307 are noted. There appear to be early aggressive osteolytic changes paralleling the symphysis within the right rostral mandible as well. Differential diagnosis includes oral fibrosarcoma, melanoma, squamous cell carcinoma, round cell neoplasia, and other. Final diagnosis will require sampling for histology. Surgical resection of the mass would require left rostral hemimandibulectomy if not radical left hemimandibulectomy and rostral R hemimandibulectomy depending on the tumor type.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Advanced Animal  
Imaging

**REFERRING VET**

Alexander Larsen

**INVOICE**

56736

**DATE**

2-14-23



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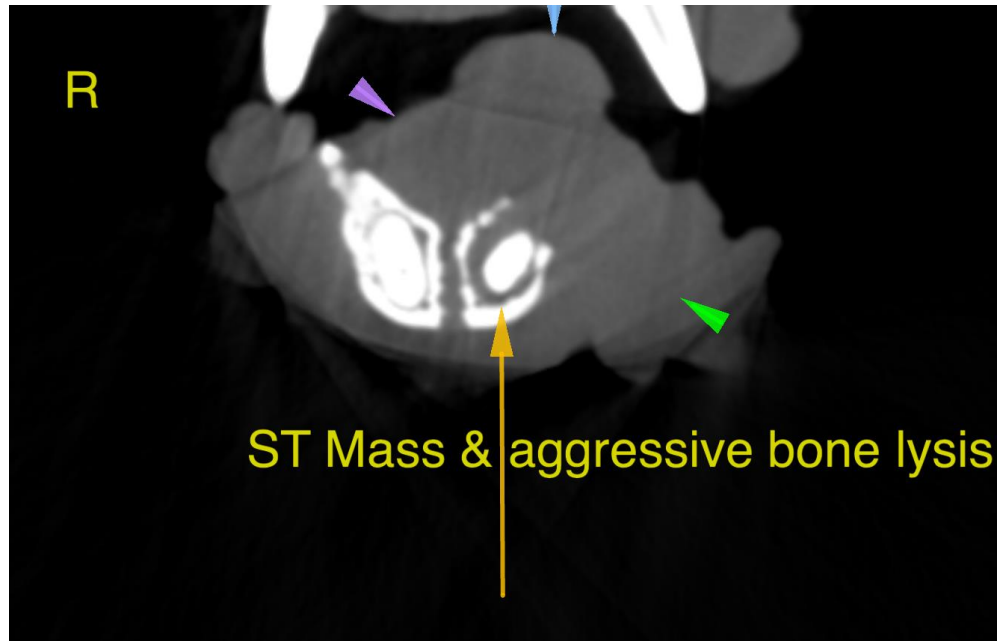
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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