



PATIENT

Tigar Clune

PRESENTING CLINICAL SIGNS

Extreme swelling of mandible Ulcerations inside the mouth Slight improvement on antibiotics

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals a large ovoid ill-defined mass circumferential to both rostral mandibles. The mass measures approximately 4.5 cm in width, 3.5 cm in height, and 3.5 cm in length. The mass is encompassing the bilateral rostral mandibles. Severe aggressive permeative lysis of the rostral mandibles is seen. The mass extends up to the level of the triadan 409 on the right hand side and 308 on the left hand side. Predominance of peripheral and nonuniform enhancement is seen.

SEX

Male Neutered

The bilateral submandibular and retropharyngeal lymph nodes are moderately enlarged.

AGE

10

Moderate to severe periodontal disease and hypodontia are noted.

There appears to be generalized atrophy of the alveolar crest of the maxillae.

Expansion of the alveolus of the triadan 204 with a coarse trabecular bone pattern is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior circumferential to the bilateral rostral mandibles with polyostotic aggressive bone lysis.
- Moderate bilateral submandibular and medial retropharyngeal lymphadenomegaly.
- Severe periodontal disease and hypodontia.
- Atrophy of the alveolar crest in all quadrants.

HOSPITAL NAME

Animal Clinic of
Queens

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with malignant soft tissue neoplasia with intra- and extra-oral extension and bilateral mandibular involvement. Oral fibrosarcoma is a primary differential diagnosis. Other malignant soft tissue neoplasia such as melanoma and squamous cell carcinoma are other potential differential diagnoses. The findings are unfortunately not compatible with an abscess or osteomyelitis. Final diagnosis will require sampling for histology.

REFERRING VET

Dr. Thomas

The lymph node changes suggest potential for early metastatic disease. FNA is recommended for further definition.

INVOICE

59239

DATE

7-6-23



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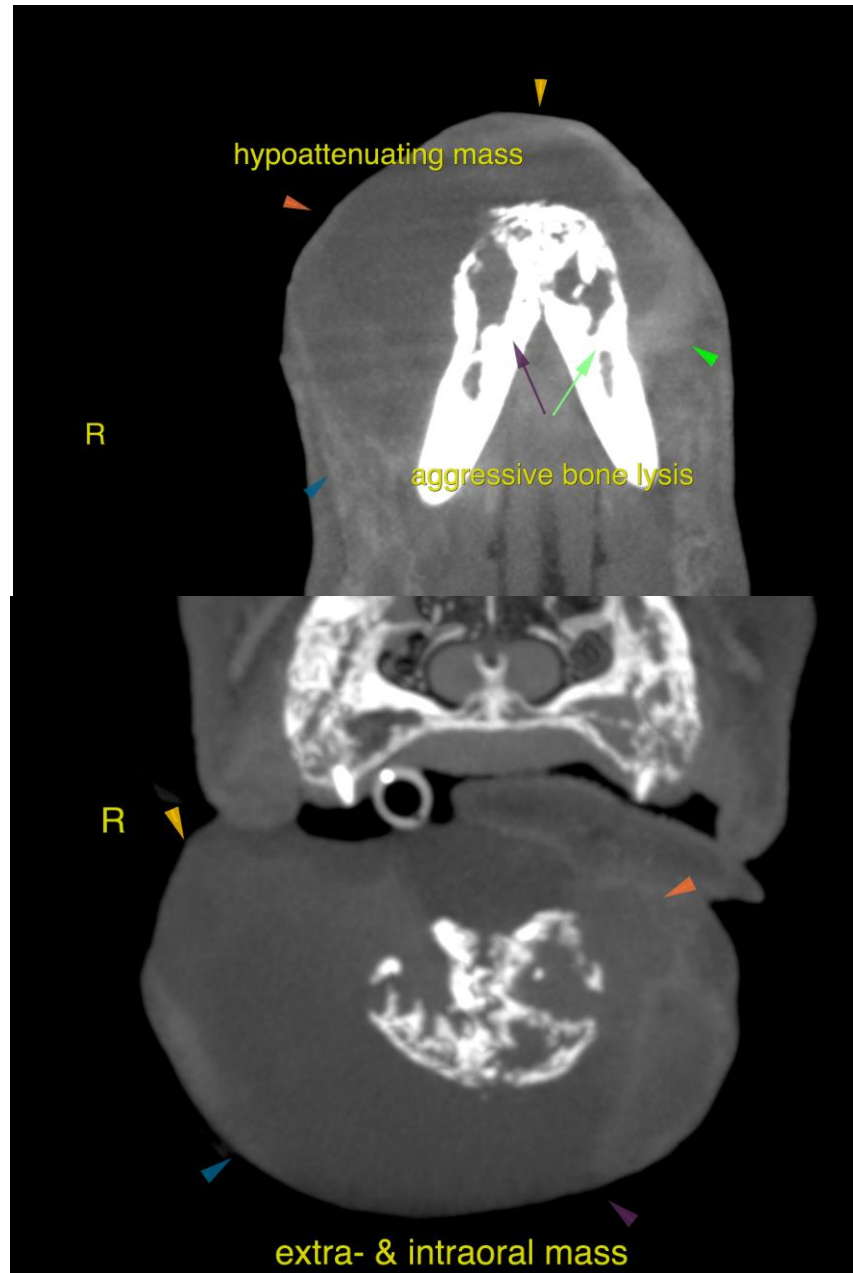
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Feline

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