



PATIENT

Rikki Donohoe

PRESENTING CLINICAL SIGNS

Suspected dentigerous cyst, first noted by referral DVM a month ago

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Plain study available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals an elongated geographic osteolytic lesion within the medullary cavity of the left mandibular ramus lingual to the triadans 307 through 309. The lesion measures approximately 30mm in length and spans the entire length of the left mandibular ramus starting from the distal root of the triadan 307 caudally. Smooth thinning of the cortical bone and lateral deviation of the dental roots of the triadans 308 and 309 and the distal root of the triadan 307 are seen. No full thickness defect of the cortex is identified at this time. The transition zone to the unaffected bone is short and distinct.

SEX

FS

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic geographic osteolytic lesion of the left mandibular ramus associated with the dental elements 307 – 309.

AGE

2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a dentigerous cyst within the left mandibular ramus. The cyst spans the entire length of the left mandibular ramus starting from the distal root of the triadan 307 on distally. Moderate thinning of the cortical bone is seen and can contribute to loss of the osseous stability. At this time, the mandible does not appear to be prone to pathologic fracture (yet). No aggressive osteolytic features are found. Nevertheless, ameloblastoma cannot be ruled out entirely as a differential diagnosis. Juvenile or other bone cyst and osseous neoplasia are thought very unlikely.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Dental Clinic

REFERRING VET

Donald Otten

INVOICE

59632

DATE

8-2-23



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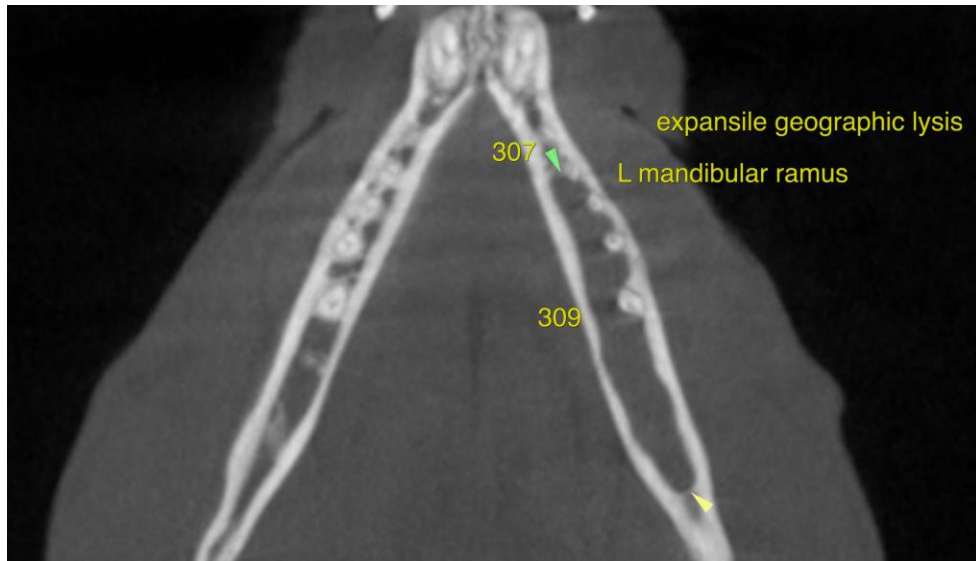
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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