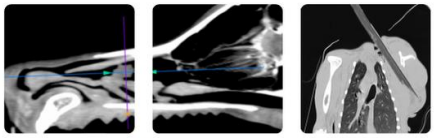

PATIENT

Maggie Duval

SPECIES

Canine

BREED

Lab X

SEX

FS

AGE

8Y

WEIGHT

20.9kg

INTERPRETED BY

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI

IMAGING PERFORMED BY

Alexa Jones

HOSPITAL NAME

Alberta Veterinary Dentistry

REFERRING VET

Dr. Erin O'Brien

INVOICE

75054

DATE

5-19-26

PRESENTING CLINICAL SIGNS

~8-10 weeks ago, owners noticed something "off" with the asymmetry of Maggie's face. 2 weeks later noticed grown on R rostral side of face. Lip appeared swollen/bulging
- May 8/26: Seen for swollen face. rDVM reports R rostral maxilla swollen at gums, above mucogingival margin. Pigmented (black) mucosa normal throughout oral cavity, swelling is red/pink/purple in colour (no immediate tooth involvement but maxilla does look displaced/swollen, photo attached in record)
- Sent with RX clindamycin 150mg PO BID x 14 doses, meloxicam 0.1mg/kg PO SID x 3 days
- multiple lumps/bumps (lipoma, skin tag) - visual monitoring
- 2021 RF lameness. RADS NSF - rest and meloxicam RX. Resolved with time
- Regular anal gland expressions
- 2020 - eye abrasion injury, resolved fully
- Otherwise unremarkable medical history.
- No meds, 4cyte supplement for joint health
- Concerns for oral neoplasia

Abnormal PE/Chem/CBC/UA Results: rDVM BW + UA: May 8/26 CBC: WNL Chem: increased ALT 159 (18-121 U/L), SDMA high normal 13 (0-14), rest WNL UA: SPG 1.040, 1+ bilirubin, rest unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE DENTAL ARCADES

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals an approximately 3.0 x 3.5 x 4.0 cm sized, ill-defined, expansile, soft tissue attenuating mass centering the bilateral rostral maxillae involving the gingivostomal margins. The lesion appears to be slightly greater on the right side. However, lesion margins are ill-defined and blend into the surrounding soft tissue. The lesion is associated with aggressive osteolysis of the rostral maxillary bones including cortical bone lysis and permeative medullary lysis as well as widening of the alveolar margins surrounding the maxillary incisors and canine teeth. Marked dental root lysis and loss of normal periodontal support are present involving teeth 101-104 and 201-204. Associated displacement, loosening and deviation of the incisor teeth are noted. The lesion extends across the rostral maxillary/premaxillary region with distortion of the adjacent osseous architecture. No definitive extension into the nasal cavities is identified.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Aggressive bilateral rostral maxillary soft tissue mass with associated osteolysis and dental root destruction involving teeth 101-104 and 201-204.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with an aggressive oral neoplasia. Differential considerations include oral malignant melanoma, squamous cell carcinoma, fibrosarcoma, and less likely severe invasive infectious/inflammatory disease. No overt evidence of nasal cavity invasion is identified on the CT examination. Histopathologic diagnosis via incisional biopsy is recommended if not already performed. Regional lymph node assessment by cytology is recommended for staging as well as thoracic imaging to assess for metastatic disease.

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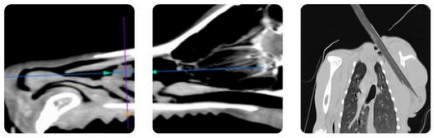

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Maggie Duval

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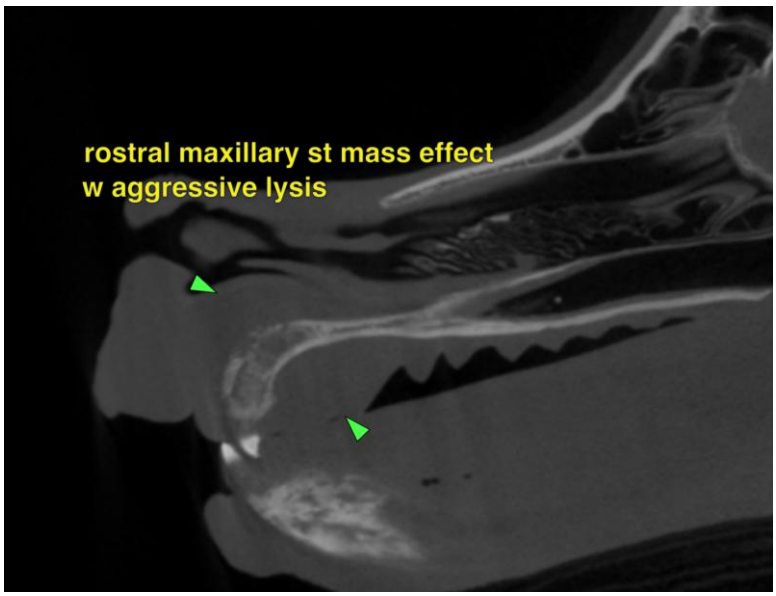

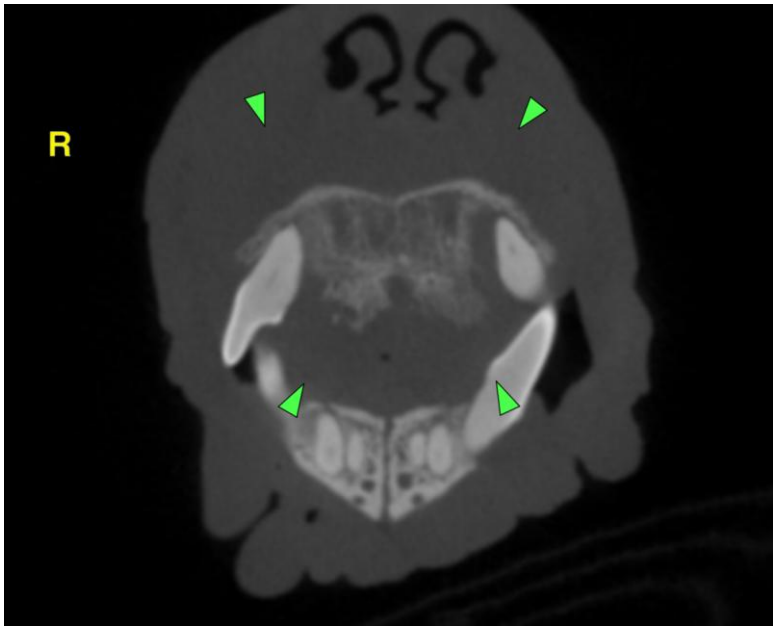

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (Ondreka), DVM, Dr. med. vet., DipECVDI
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