



PATIENT PRESENTING CLINICAL SIGNS

Missy Colon Right mandibular carcinoma, presumed poorly differentiated squamous cell carcinoma. CT requested by oral surgeon prior to hemimandibulectomy.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

Canine A high resolution pre- and post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED All teeth but triadan 202, 302, 303, 402-404 are absent. Level with absent triadan 104, a thin connection between the oral- and nasal cavity is appreciated.

BREED Maltese The mid segment of the body of the right mandible presents an ill-defined zone with permeative osteolytic lesions and spiculated periosteal new bone formation. Post contrast administration, the right body of the mandible presents with a moderate soft tissue swelling with a heterogeneous contrast enhancement pattern.

SEX

FS Mild to moderate destruction of the right nasal conchal structures is appreciated.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

AGE

9 Years Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

The right mandibular lymph nodes are prominent, uniform soft tissue attenuating and contrast enhancing.

HOSPITAL NAME

Mobile Pet Imaging
CFL

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive mixed osteolytic and osteoproliferative lesion body of the right mandible
- Lymphadenopathy right mandibular lymph node
- Oronasal fistula level with absent triadan 104 and secondary right sided destructive rhinitis
- Multiple absent teeth

REFERRING VET

Borecky

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The aggressive lesion of the right body of the mandible is fitting the history of squamous cell carcinoma. The osseous lesions are extending rostrally up to the distal aspect of triadan 404 and caudally approximately up to the level of absent 411. The prominent right mandibular lymph nodes are concerning for metastatic spread and prior to surgical intervention, FNA sampling of the mandibular lymph nodes is recommended.

INVOICE

52426

DATE

6-13-22



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Maltese

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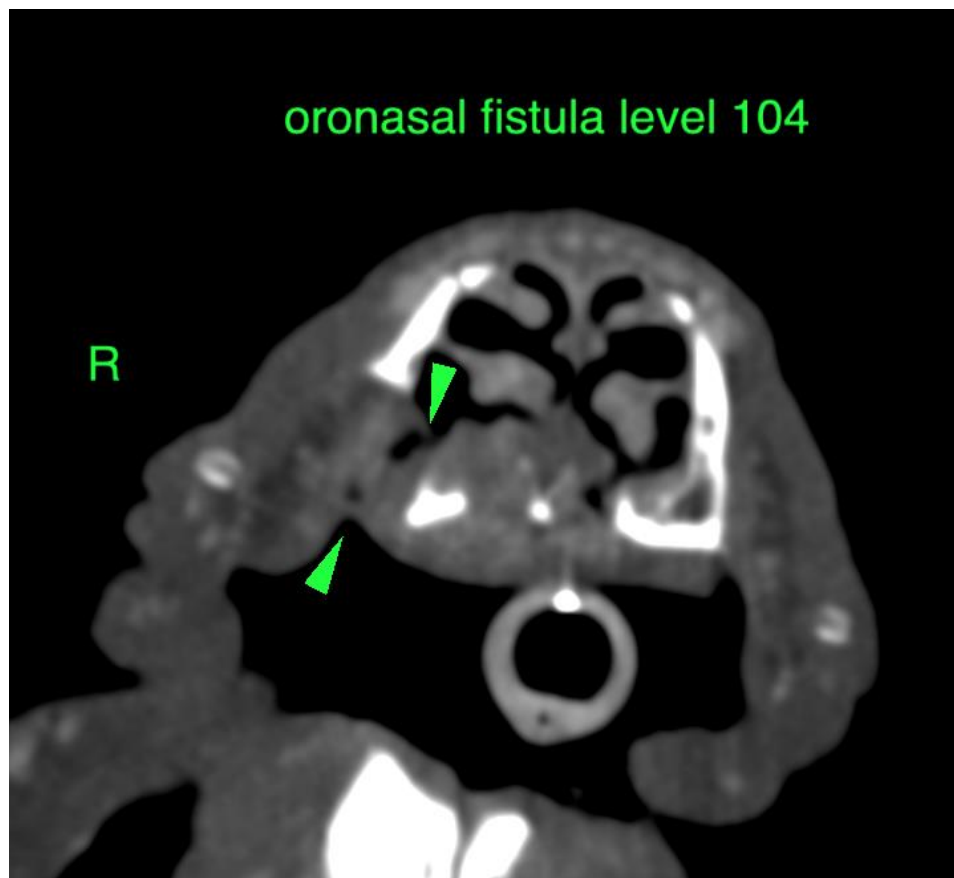
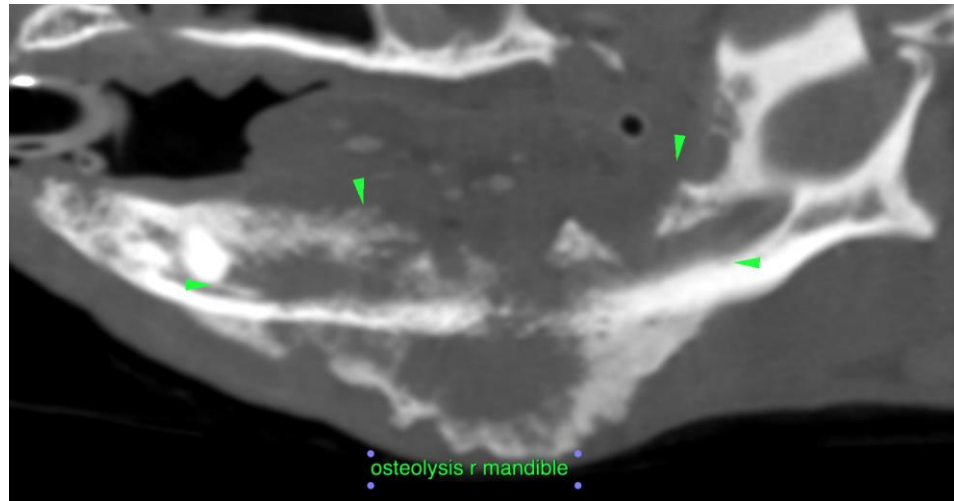
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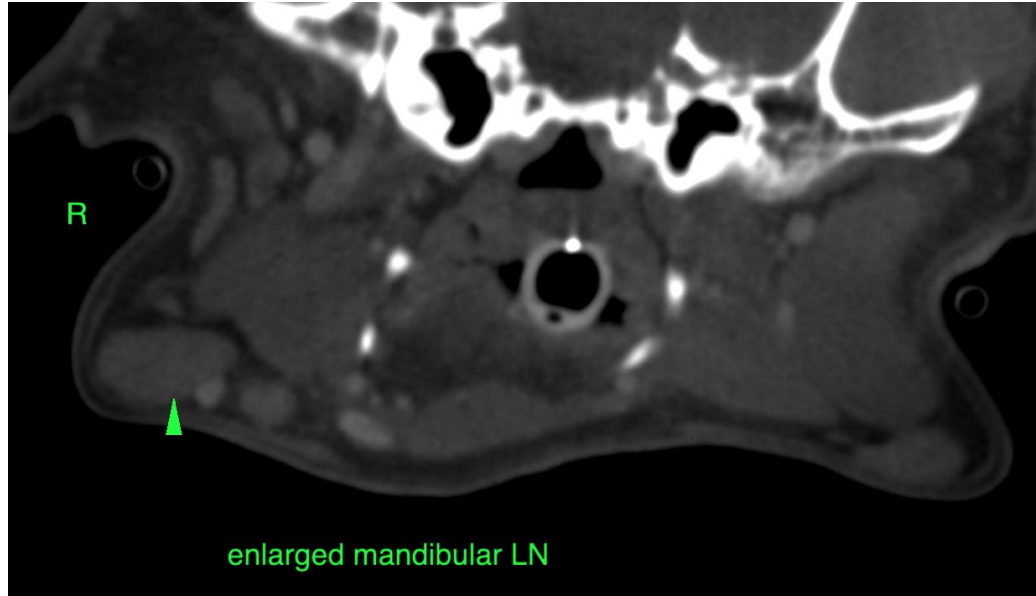
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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