



PATIENT

Pig Araiza

PRESENTING CLINICAL SIGNS

Ulcerated, bleeding oral mass on right mandible

COMPUTED TOMOGRAPHY OF THE SKULL

SPECIES

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

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Pug

The tooth elements 101-103, 105-107, 201-203, 205-210, 301, 306-308, 310, 311, 401-403, 406, 407, 410 and 411 are absent. Moderate atrophy of the alveolar bone is noted in all jaw quadrants. Attached to the rostral segment of the body of the right mandible a uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen, measuring 3.6 x 2.6 x 5.0 cm in size. The mass is extending caudally along the ventral aspect of the mandible up to the level with absent triadan 406/407. The right mandible level with the mass presents moth eaten osteolytic lesions of the alveolar bone.

SEX

Male Neutered

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

The right ocular bulb is absent.

AGE

16 Years

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right tympanic bulla is filled with soft tissue attenuating material; the osseous lining is irregular and presents with lytic lesions. The external ear canals are within normal limits.

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.

HOSPITAL NAME

Scottsdale Veterinary
Clinic

The right mandibular lymph nodes are prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Gans

- Soft tissue mass centered on rostral segment right mandible with monostotic aggressive osteolysis of the right mandible
- Mild lymphadenopathy right mandibular lymph nodes
- Right sided chronic otitis media
- Multiple absent teeth
- History of enucleation right ocular bulb

INVOICE

56144

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is fitting the history of mandibular mass with aggressive osteolysis of the right mandible at the same level. Differentials include fibrosarcoma, squamous cell carcinoma, melanoma, other. Complete surgical resection appears feasible – possible osteotomy lines should be distal to triadan 408 and distal to triadan 304.

DATE

1-11-23

Recommend FNA sampling of the right mandibular lymph nodes and 3-view thoracic radiographs to screen to metastatic disease.



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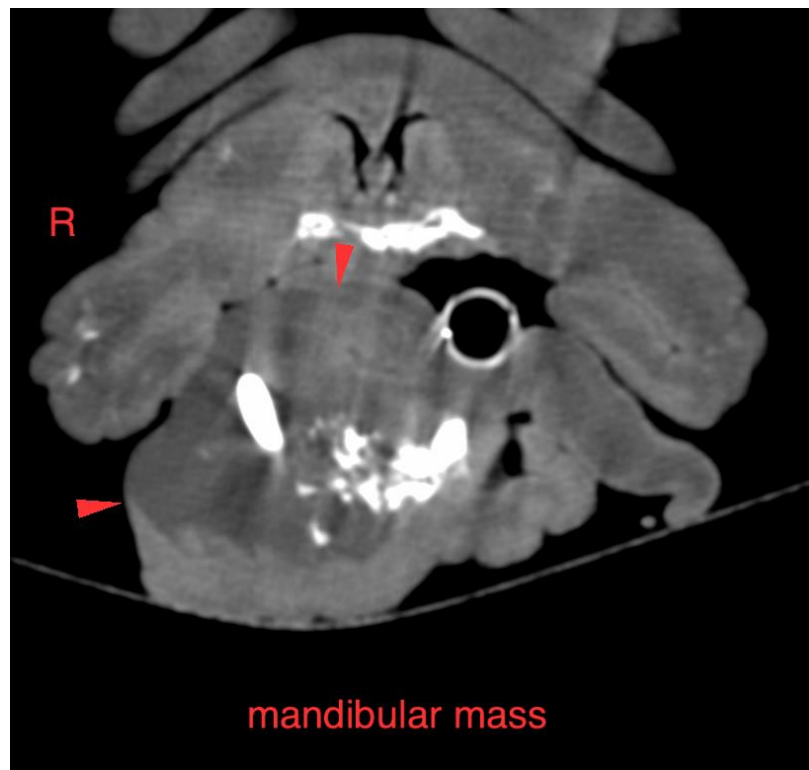
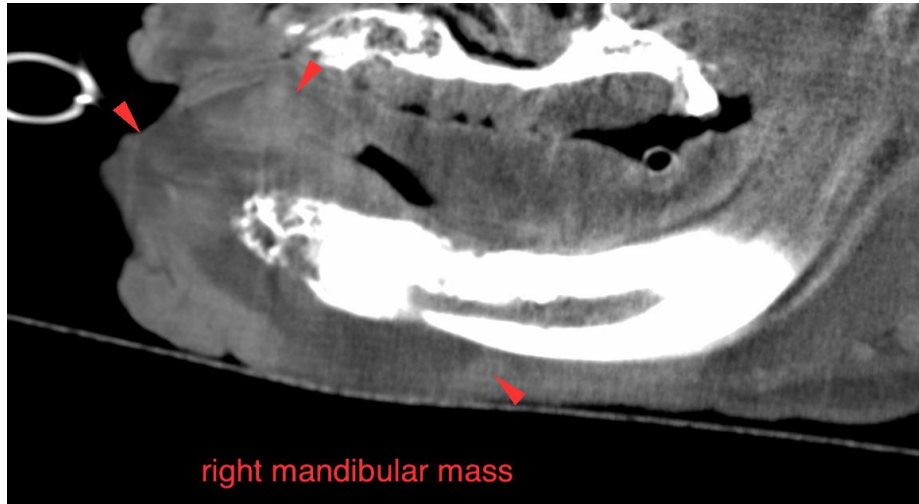
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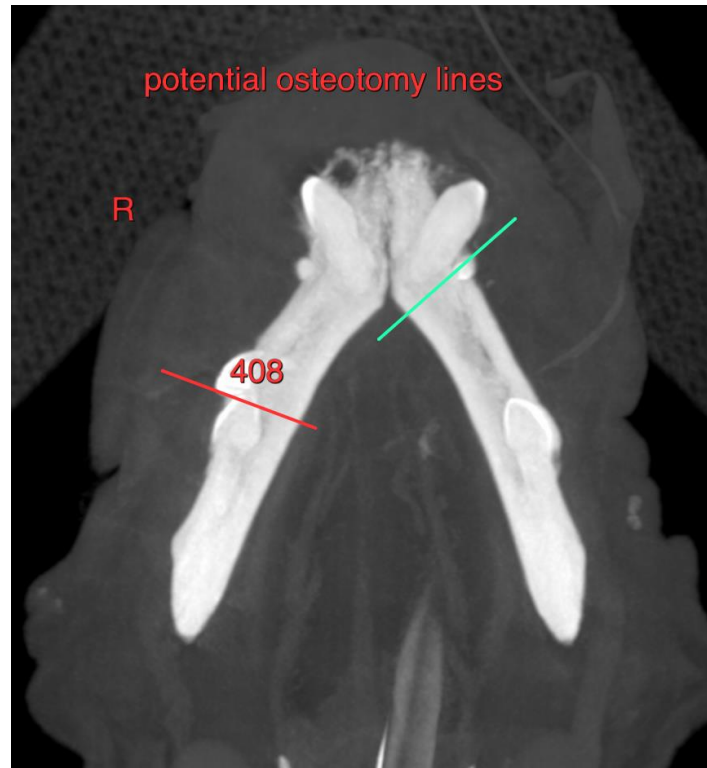
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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