



PATIENT PRESENTING CLINICAL SIGNS

Kaly Leon Swelling Left ear base.

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**

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

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

American Bulldog Mix

SEX

Spayed Female

Centered on the left temporomandibular joint, an ill-defined soft tissue swelling is appreciated, presenting a heterogeneous contrast enhancement pattern with mild amorphous mineralization. The condylar process of the left mandible and the zygomatic process of the left temporal bone present moth eaten osteolytic lesions and immature periosteal new bone formation. In the medial aspect, the soft tissue mass is extending up into the retropharyngeal region, compression the nasopharynx & pharynx at the same level. The mass is measuring approximately 8.7 x 3.8 x 4.9 cm in size. The horizontal segment of the left external ear canal is compressed by the mass effect.

AGE

8 Years

The left tympanic bulla contains a small amount of gravity dependent, fluid attenuating material.

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 submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

HOSPITAL NAME

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild mineralization mass centered on the left temporomandibular joint with polyostotic mixed osteolytic and osteoproliferative lesions
- Secondary compression of the pharynx and left external ear canal

REFERRING VET

Meaux

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The findings are consistent with neoplastic transformation in the region of the left temporomandibular joint with secondary polyostotic aggressive lesions. Potentials include fibrosarcoma, myxosarcoma, hemangiosarcoma, other. FNA sampling of the mass can be used as advanced diagnostic test. Complete surgical excision of the mass appears not feasible.

Consider full tumor staging.

DATE

7-6-22



PATIENT

Kaly Leon

SPECIES

Canine

BREED

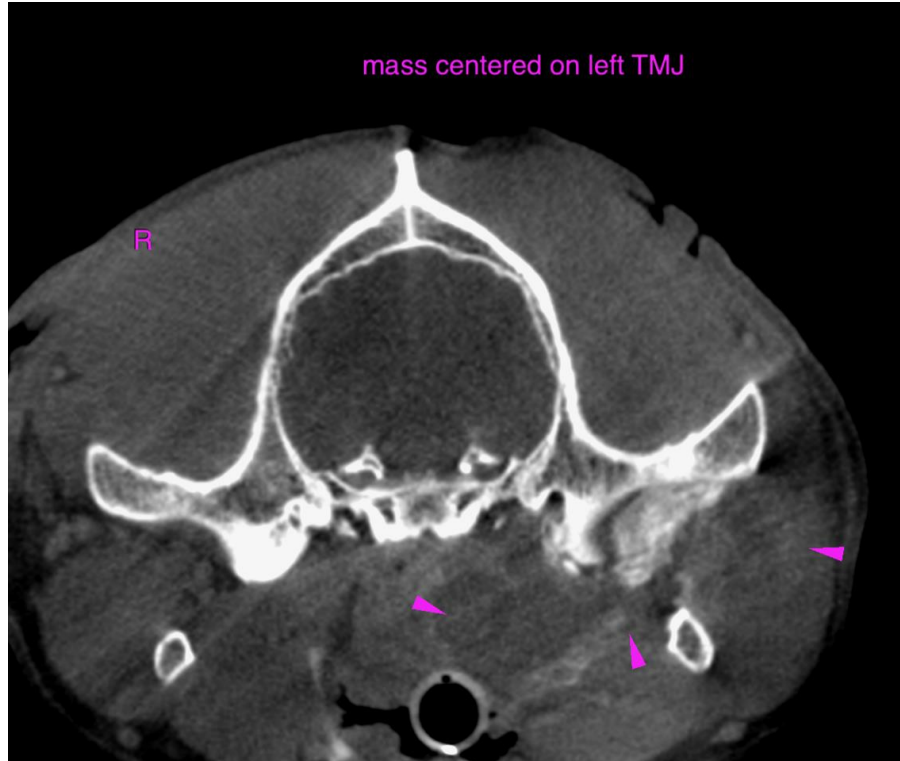
American Bulldog Mix

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mass centered on left TMJ

R

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Meaux

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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