



PATIENT PRESENTING CLINICAL SIGNS

Blackie Ortiz History: ACUTE ONSET OF PAIN LOCALIZED IN THE NECK/HEAD REGION. PATIENT IS UNABLE TO OPEN JAW PROPERLY AND THERE IS VOCALIZATION WHEN MANIPULATE THE HEAD AND CERVICAL REGION.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Canine A pre- and post-contrast CT study of the skull and neck in a bone and soft tissue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

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

SEX Mild atrophy of the nasal conchal structures is seen. The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

AGE 13 Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The left external ear canal presents a moderate thickened wall of the horizontal segment with a broad based convex shaped lesion attached to the medial segment, protruding into the lumen of the left external ear canal, measuring 8 x 5 x 6 mm, presenting irregular soft tissue and mineral attenuation pattern and strong contrast enhancement.

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.

HOSPITAL NAME

Juana Diaz AH 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.

REFERRING VET

Dr. Jose Rivera Originating from the vertebral body of C7, a mild expansile, heterogeneous contrast enhancing soft tissue mass is appreciated. The vertebral body of C7 presents advanced permeative osteolytic lesions bulging ventrally and dorsally into the vertebral canal, occupying approximately 45% of the cross-sectional area of the vertebral canal at the same level. C7 is foreshortened.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

- 23235 • Monostotic aggressive osteolytic lesion C7 with pathological depression fracture and extradural myelocompression due to invasion of the vertebral canal

DATE

7/7/23



PATIENT

- Left sided otitis externa and small mural mass protruding into the lumen of the left external ear canal.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The biologically aggressive soft tissue mass originating from the vertebral body of C7 and secondary pathological fracture of C7 is a plausible explanation for the presenting clinical signs – top differentials include sarcoma or round cell tumor.

BREED

Mixed

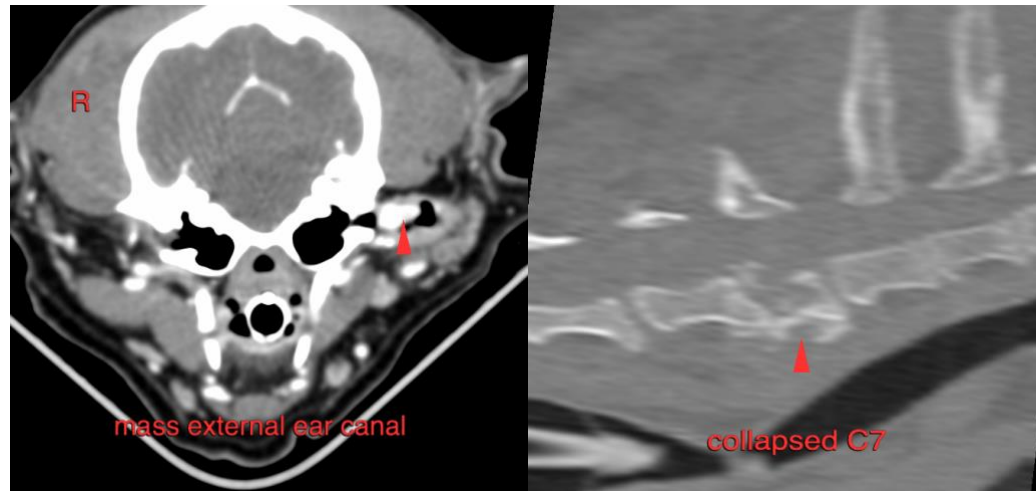
The soft tissue mass in the left external ear canal can present benign adenoma or inflammatory polyp. A differentials is early stage of malignant neoplasia, such as ceruminous gland adenocarcinoma, melanoma, squamous cell carcinoma.

SEX

Spayed Female

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DipECVDI



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PATIENT 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.

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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.

SPECIES

Canine

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