



PATIENT

Rocco Oquendo

SPECIES

Canine

BREED

German Shepherd

SEX

M

AGE

12 Months

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. J. Fernandez,
DVM

INVOICE

56025

DATE

1-5-23

PRESENTING CLINICAL SIGNS

Patient presents with non-stop seizures. Circling. The owners believe it may have been trauma, but have no evidence of it. Abnormal PE/Chem/CBC/UA Results: CBC --- severe erythrocytosis NH3 --- normal CHEM --- ALT/GGT mild increased and Na moderate increased PT/PTT: normal Snap 4Dx --- negative

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND CERVICAL SPINE

A pre- and post-contrast computed tomographic study evaluation of the head and cervical spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The C2-C3 intervertebral disc space is collapsed, and the adjacent vertebral bodies are partially fused together and bridged by spondylosis deformans. The articular facet joints of C2-C3 are mildly bulbous in shape, with minor impinging on the spinal cord.

No evidence of attenuating intervertebral disc material over the spinal cord. No evidence of correlated spinal cord compression.

No evidence of fracture or aggressive osseous disease. However, there is skull bone asymmetry.

There is a mild accumulation of fluid to soft tissue attenuating material in the right tympanic bulla. In addition, there is a diffuse thickness and irregular mineralization along the periphery of the ipsilateral bulla.

A small lenticular homogeneous fat attenuating subcutaneous nodule within the right-side temporal muscle superficialis, adjacent to external sagittal crest, measuring 1.1cm in diameter.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- C2-C3 block vertebrae and articular facets osteoarthritis, minor dorsal spinal cord impingement. Differential diagnosis, less likely chronic collapsed of intervertebral disc space, however, no disc material over spinal cord is seen in this region.
- Skull osseus asymmetry, congenital or post traumatic.
- No evidence of aggressive osseous bone disease or traumatic vertebral fracture.
- Chronic right side otitis media.
- Small superficial subcutaneous nodule adjacently to external sagittal crest.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of spinal cord compression or traumatic cervical fracture/luxation is not identified.

The skull osseus asymmetry could be correlated to congenital or post-traumatic lesion prior to or during closure of the skull sutures.

If further work-up regarding the epileptic seizures is pursued, specialized neurological examination, possible correlation with otitis media should be investigated. Other possibility is



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correlation with post traumatic seizural activity. Computed tomography has lower sensitivity for brain lesions in comparison the MRI. For further evaluation contrasted MRI should be considered.

The differential diagnosis for the small superficial nodule is lipoma.

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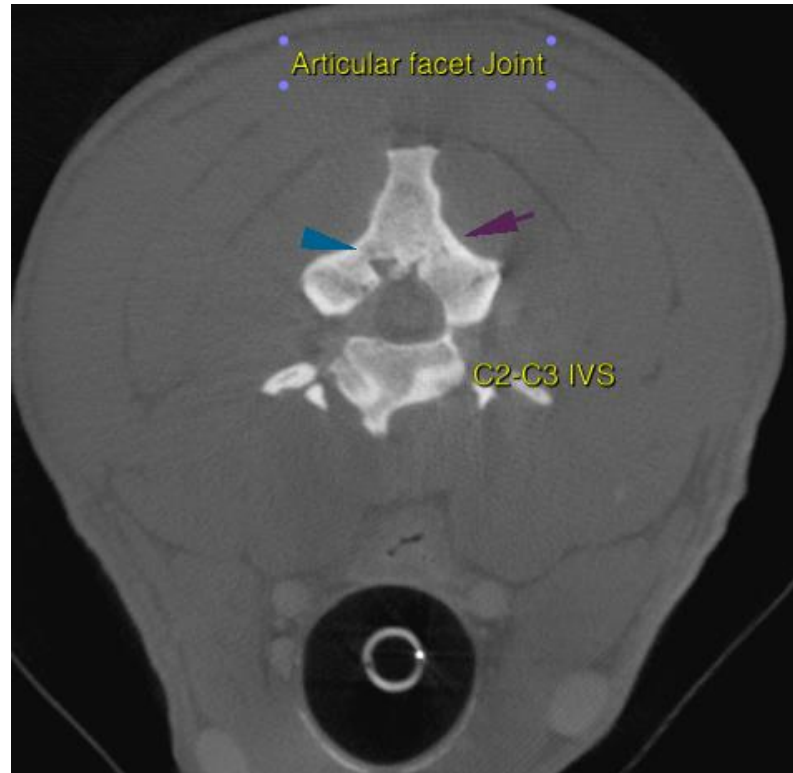
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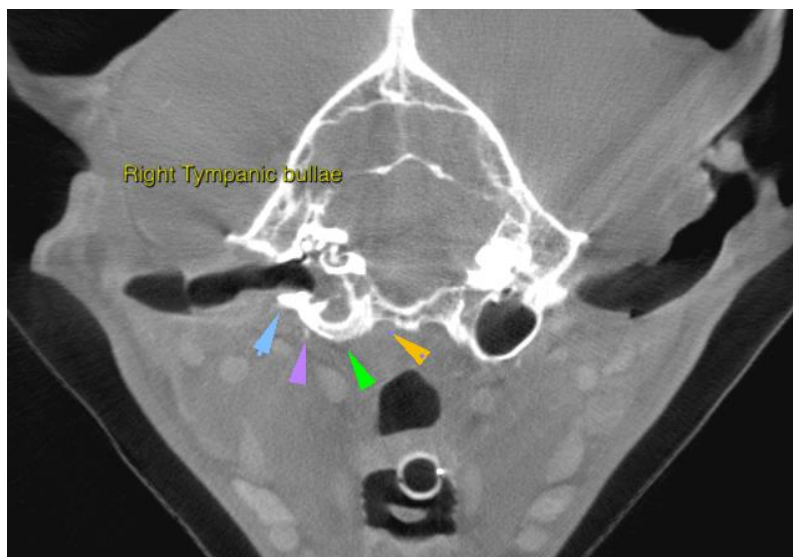


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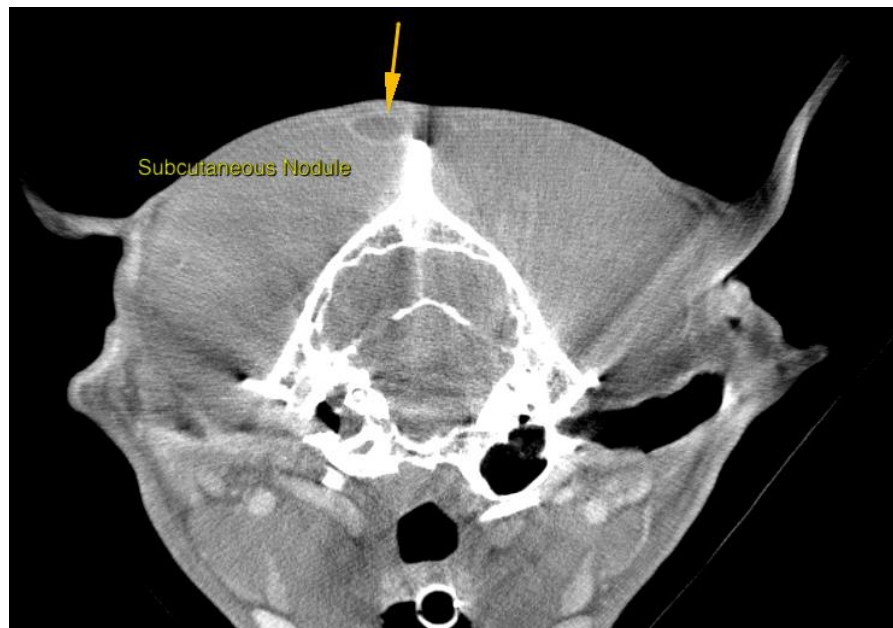
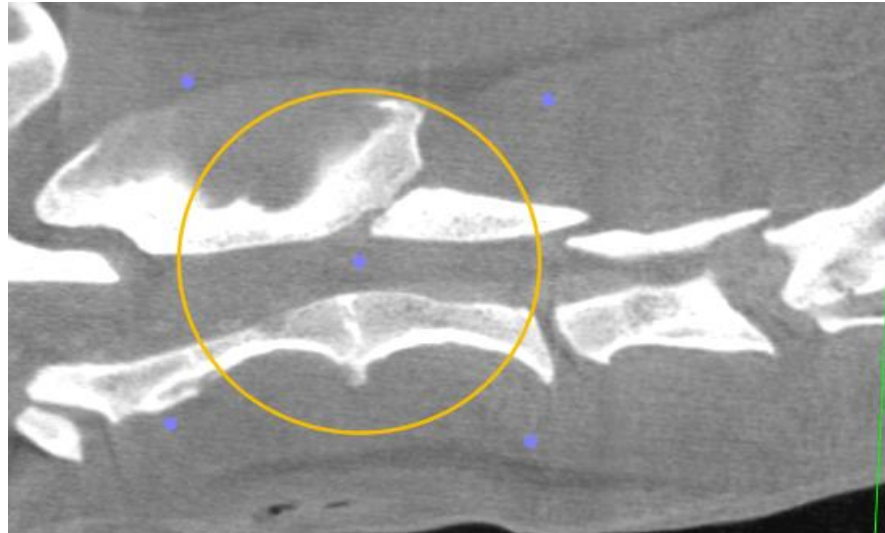
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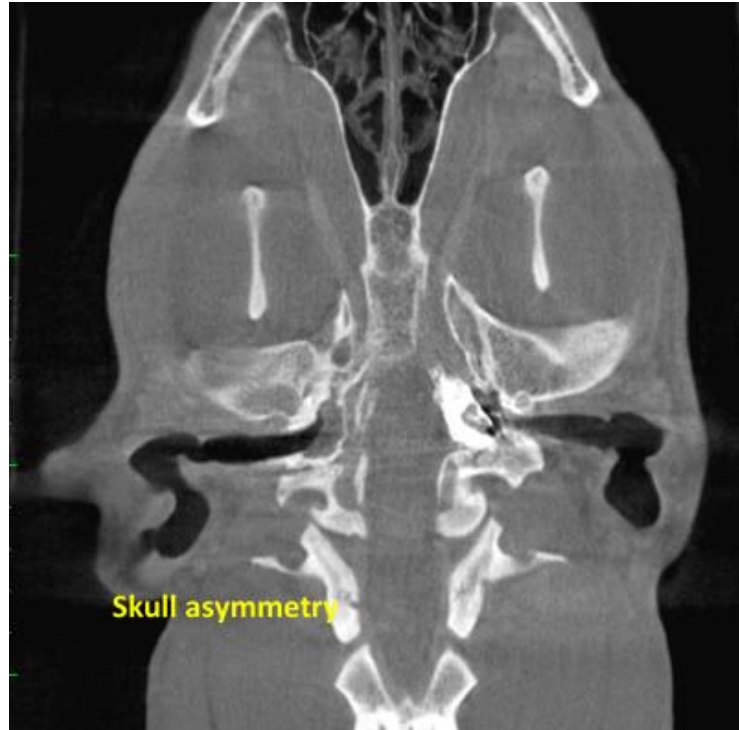
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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