



PATIENT PRESENTING CLINICAL SIGNS

Sparky Nieto Patient experienced occasional seizures for past two years. Last six months seizures are more frequent about one months apart. R/O epilepsy
 Abnormal PE/Chem/CBC/UA Results: Globulin High 4.1 ref range (1.6-3.6) Potassium high 31 " " (3.6-5.5) Hemoglobin high 20.8 " (12-20) rest of vet screen/cbc was WNL

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED

Yorkie

COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 106, 110, 206, 306, 308, 311, 406, 408 and 411 are absent. There is evidence of generalized moderate periodontal disease, most pronounced of the tooth elements 103, 107, 209, 303, 403 and 409.

SEX

Male

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

AGE

3 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

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.

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 mildly dilated and symmetric.

HOSPITAL NAME

Animal Clinic of
 Queens

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.

C2&C3 are partially fused.

REFERRING VET

Dr. J Mucera

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Generalized moderate periodontal disease, most accentuated 103, 107, 209, 303, 403 and 409
- Multiple absent teeth, see above
- Block vertebra C2/C3
- Ventriculomegaly, incidental

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the present study of the brain there is no evidence of macromorphological disease, which supports the presumptive diagnosis of idiopathic epilepsy.

DATE

11-27-21

If not yet done so, the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of



PATIENT

Sparky Nieto

the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

A complete dental workup appears beneficial.

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REFERRING VET

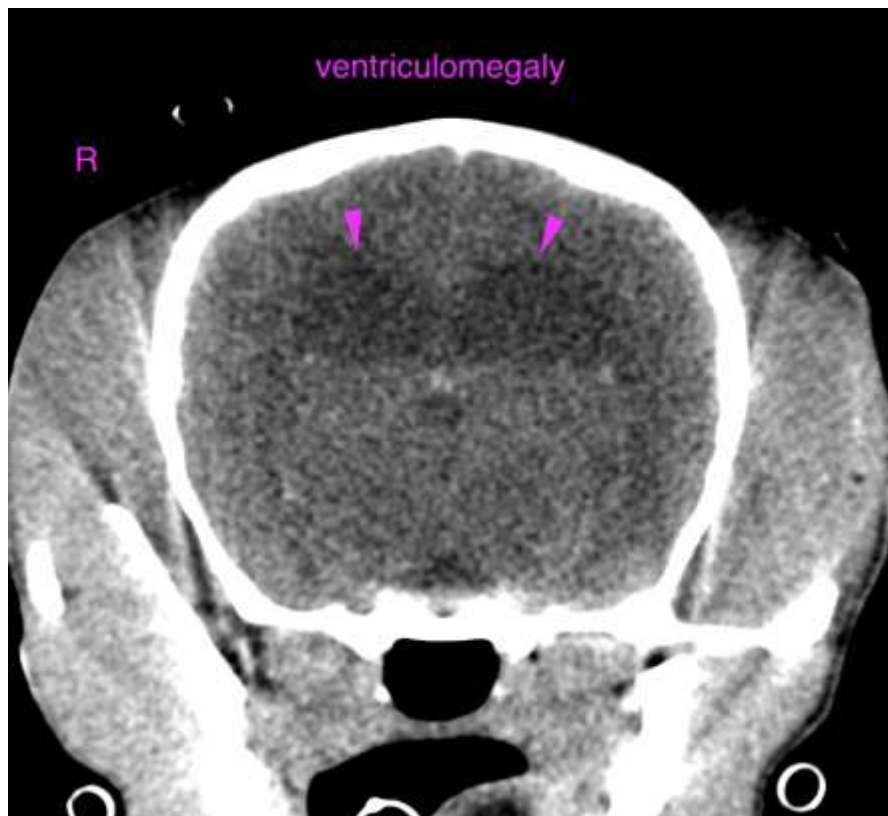
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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