



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Bowie Vetter

SPECIES
Canine

BREED
Pitbull Mix

SEX
Male Castrated

AGE
6.5

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Animal Emergency
Hospital Volusia

REFERRING VET
Bogosian

INVOICE
57182

DATE
3-8-23

P presented to us on 3/6 for vestibular signs (nystagmus with quick phase to the R, head tilt to the left, ataxia) as well as vomiting. Ear cytology showed rod infection in left ear, NSF in right. Rads showed possible foreign body and bladder stones. Hospitalized on supportive care, repeated rads and still showed possible FB. P then had exploratory surgery, which was negative, and a cystotomy to remove bladder stones. Cleaned ears and started treating rod infection and p's vestibular signs seem worse. O approved CT scan to rule out inner ear vs. CNS issue. Abnormal PE/Chem/CBC/UA Results: Nystagmus with quick phase to right; head tilt to left; pseudomonas otitis externa AS; NSF AD.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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

The conformation of the external auditory meatuses is narrow. The stenosis is particularly evident in the horizontal part of the external auditory meatuses and mild to moderate thickening of the epithelial lining is seen. The lumen of the auditory meatuses appears to be patent at this point. Both tympanic bullae and inner ears present within normal limits.

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.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral otitis externa – no evidence of concurrent otitis media or interna.
- No evidence of structural brain pathology.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no structural evidence of intracranial pathology, nor of middle or inner ear changes. The negative CT findings render idiopathic vestibular syndrome a primary differential diagnosis. An MRI or csf analysis could be performed for further definition in case of doubt or in



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case the patient remains refractory to symptomatic treatment.

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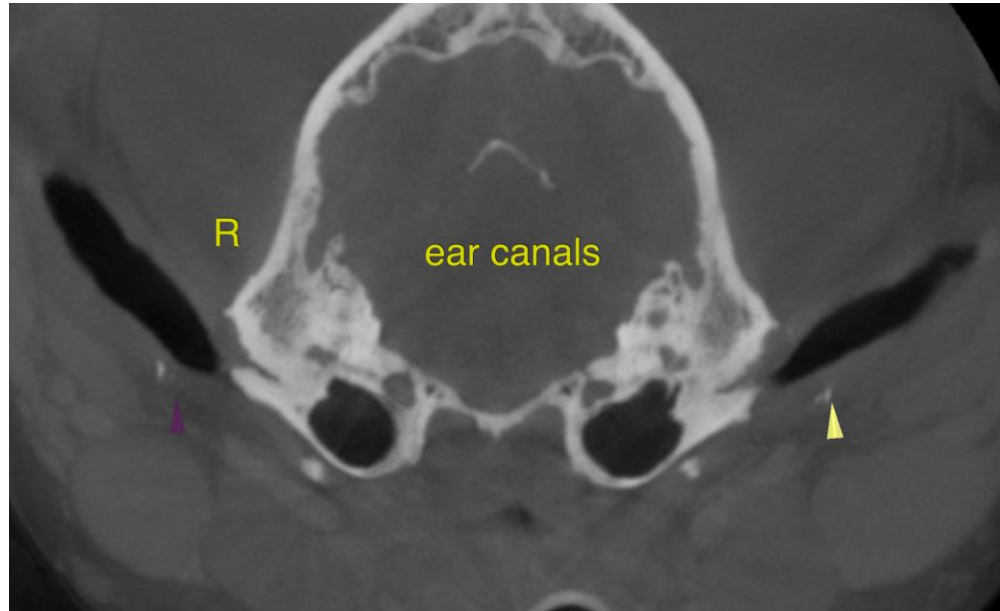
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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