



PATIENT PRESENTING CLINICAL SIGNS

Aloy Briggs
SPECIES Feline
BREED Siamese mix

Aloy presented for head CT after a 1 day history (starting 2/1/23) of nystagmus, head tilt and ataxia and a 2 day history of anorexia. Aloy also has a history of an ear cleaning approximately 1 week ago. Indoor only, unknown vaccination and FIV/FelV testing status. On physical exam, Aloy was mildly dehydrated, had mild dental disease and moderate to marked chin acne. Otoloscopic exam under anesthesia revealed a ruptured right tympanic membrane and intact but cloudy left tympanic membrane with moderate amounts of ceruminous debris in both ears. Neurologic exam revealed a left-sided head tilt, horizontal nystagmus with fast phase to the right, occasional circling to the left with vestibular ataxia and normal paw placements, no palpebral reflex on the left and normal on the right, PLRs intact. Pre-anesthetic bloodwork had no significant findings. Ddx: r/o otitis media/interna vs. idiopathic vestibular disease vs. infectious vs. space occupying mass vs. other

COMPUTED TOMOGRAPHY OF THE SKULL

SEX A high resolution plain CT study of the skull is provided for review.

Female Spayed
COMPUTED TOMOGRAPHIC FINDINGS

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

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

5 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

The left tympanic bulla is aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The right tympanic bulla contains a small amount of non-contrast enhancing soft tissue material; the osseous lining is smooth and thin. The wall of the right external ear canal is mildly thickened.

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The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation. 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 pattern is uniform.

REFERRING VET

Dr. Marissa Gibbs

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of ruptured right tympanic membrane
- Right sided mild otitis media
- Right sided otitis externa
- Normal left middle ear

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2-2-23

There is evidence of right sided mild otitis media and externa – if otitis interna is present this can be a source for the vestibular clinical signs. Application of an ototoxic agent (e.g. ear drops) in combination with the perforated tympanic membrane might be a source for vestibular disease as well. In the plain CT no additional abnormalities of the inner ear or the brain are appreciated, explaining the clinical signs. If the presenting clinical signs are refractory to therapy, workup should be complemented by a post contrast CT scan or MRI scan of the brain.



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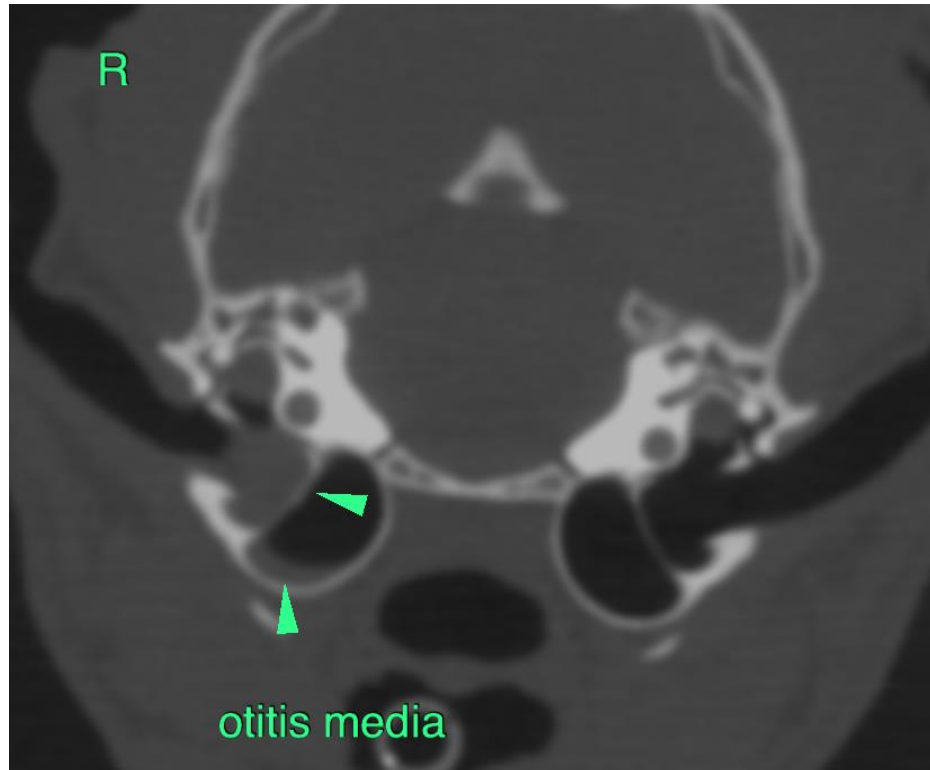
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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