



PATIENT PRESENTING CLINICAL SIGNS

Aston Davodi
 Patient presented with an acute onset of ataxia and head tilting to the left side 7 days ago. Blood work unremarkable. Examination identified otitis externa on the left side with normal tympanic membrane on otoscope exam. Owner had self medicated with antibiotic ear drops prior. Symptomatic treatment with enrofloxacin ear drops performed and supportive care and patient has improved with resolution of signs. CT scan initially recommended, owner requests scan performed post treatment.

SPECIES

Canine

BREED

French Bulldog X

COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX

ME

Multiple teeth are absent.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The soft palate is mildly to moderately thickened.

AGE

3 Years

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

The left tympanic bulla is filled with non-contrast enhancing soft tissue material. The osseous lining of the left tympanic bulla presents moth eaten osteolytic lesions and is rough. The osseous structures of the left inner ear appear normal. The horizontal segment of the left external ear canal is obliterated by fluid attenuating material.

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

Colyton Veterinary Hospital

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dalton Nguyen

- Left sided chronic otitis media
- Left sided otitis externa
- Multiple absent teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

54548

The CT study is consistent with the history of left sided otitis media and presents evidence of left sided chronic otitis media with osseous remodeling of the left tympanic bulla. Secondary otitis interna can be a plausible source for the presenting clinical signs. Depending on development of clinical signs, continuing conservative therapy is considered as a feasible treatment option – myringotomy will allow sampling for microbial culture. As there is evidence of active remodeling of the left tympanic bulla, if clinical signs reoccur either ventral bulla osteotomy or left sided total ear canal ablation and lateral bulla osteotomy are potential treatment options.

DATE

10-11-22



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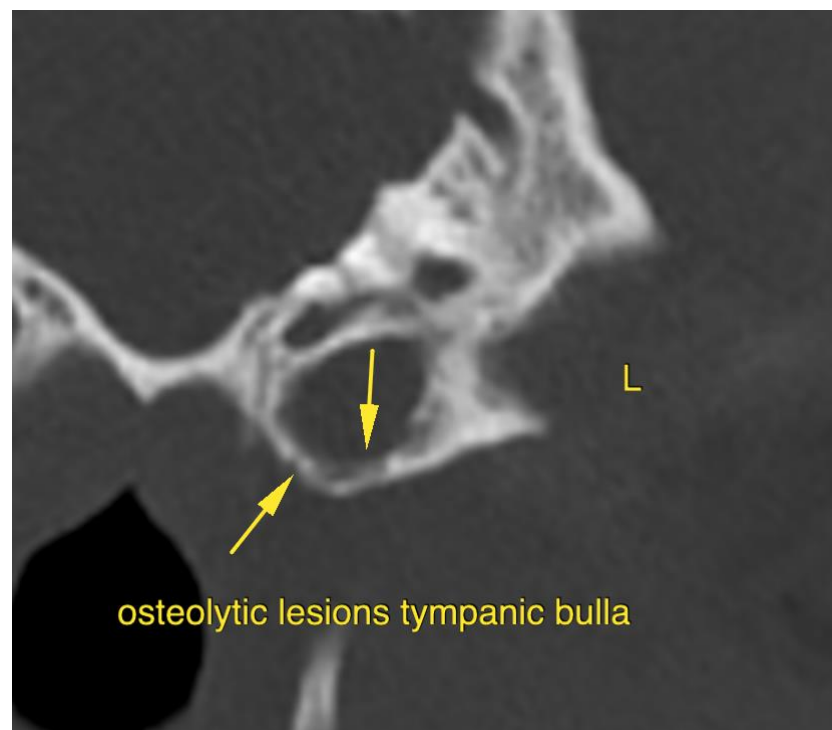
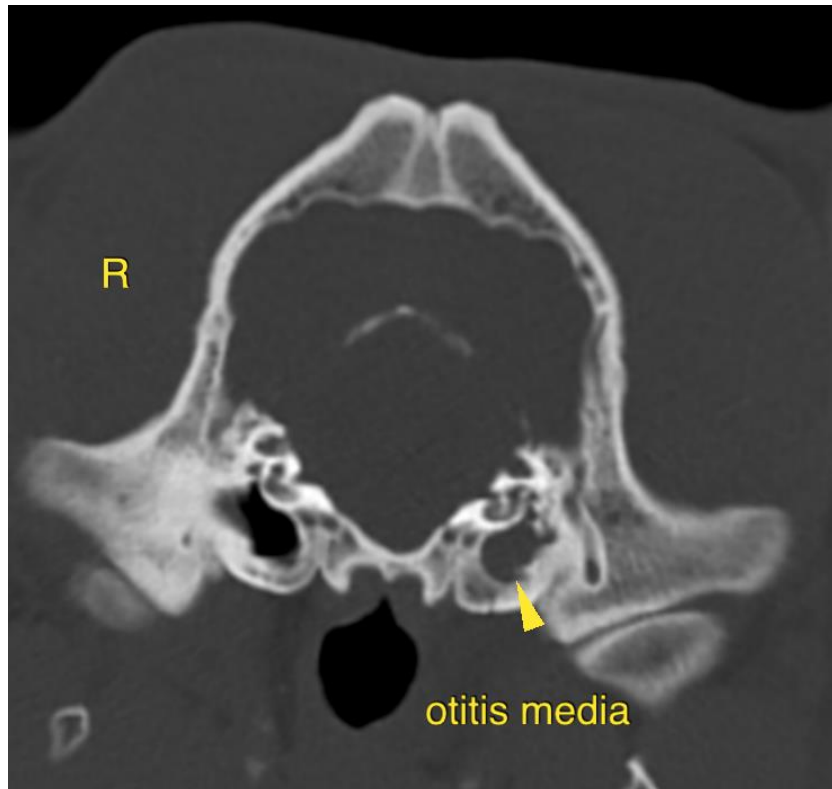
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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