



PATIENT PRESENTING CLINICAL SIGNS

Leia Gilliland Patient has been dealing with a head tilt for ~1 month with no improvement Patient has had ear exams under sedation and no overt otitis externa noted. left eye has loss of palpebral response and left side of face has dropping.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

French Bulldog A supernumerary triadan 202 is appreciated. Triadan 106, 305, 311, 405 and 411 are absent. Moderate rotation of the maxillary premolar teeth is seen. Triadan 307 and 406 present a widened periodontal space.

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

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

AGE The left tympanic bulla is filled with soft tissue attenuating material. The osseous lining of the left tympanic bulla is thickened and mildly irregular with immature periosteal new bone formation. The pars petrosa of the left temporal bone presents mild moth eaten osteolytic lesions. Post contrast administration, along the petrosal part of the left temporal bone, moderate thickening and contrast enhancement of the meningeal lining is appreciated. The horizontal segment of the left external ear canal presents a moderately thickened wall and is stenotic.

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

Animal Emergency
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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

Dr. Kuzminski

- Left sided otitis media and signs otitis interna
- Stenotic horizontal segment left external ear canal
- Meningeal thickening along the petrosal part left temporal bone
- Periodontal disease 307 and 406
- Supernumerary triadan 202
- Multiple absent teeth

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

11-29-22

The CT study is consistent with left sided otitis media and secondary otitis interna and evidence of accompanying meningitis. As clinically no overt otitis externa of the left external ear canal was appreciated, ventral bulla osteotomy is considered as the therapy of choice in this case. Consider complementing treatment by antimicrobial drugs crossing the blood-brain barrier.



PATIENT

Leia Gilliland

SPECIES

Canine

BREED

French Bulldog

SEX

FS

AGE

3 Years

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REFERRING VET

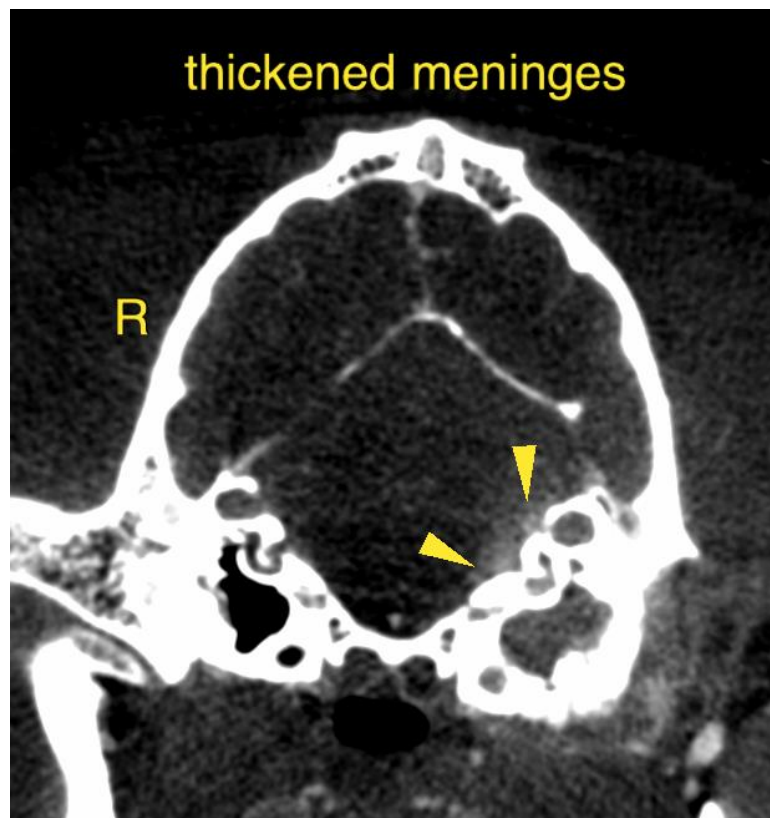
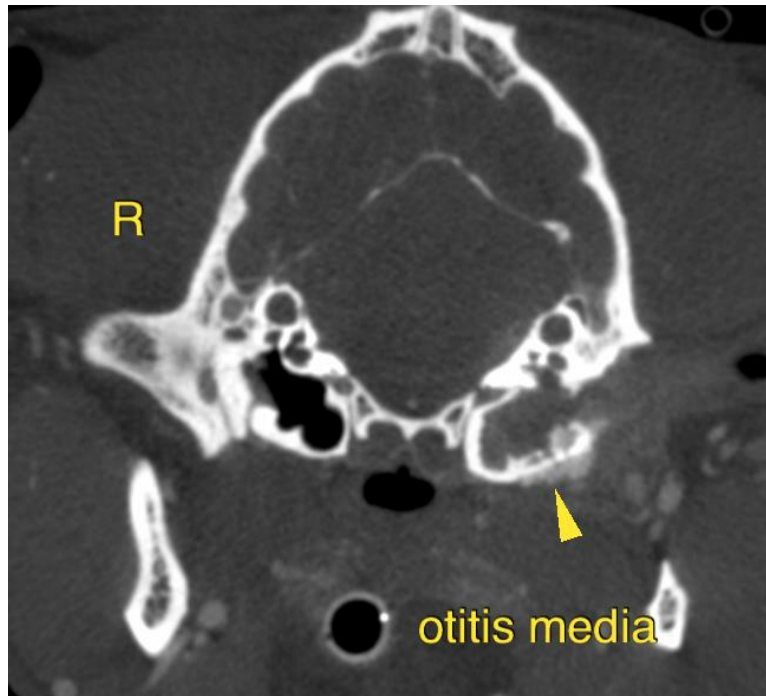
Dr. Kuzminski

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PATIENT

Leia Gilliland

SPECIES

Canine

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.

BREED

French Bulldog

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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SEX

FS

AGE

3 Years

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