



PATIENT PRESENTING CLINICAL SIGNS

Captain Jack Smith

Jack came to us for dental issues. The primary DVM had just started tx for an ear infection AS and wanted us to look at it with an otoscope while he was under anesthesia. We routinely perform pre treatment cone beam CT so it worked well for this kitty. Below are my otoscopic findings along w/ cytology and my thoughts on the ears. This cat has a phthisic eye OS for several years. They don't know what happened to make it that way. The eye waters. Multiple 3D reconstructions of the skull view with a calcified foreign object in the left eye. It is more dense than bone but less dense than metal . Enamel density. Multiple views of filling w/in the bilateral tympanic bullae (middle ear). It appears the only filling is within the ventromedial cavities of the tympanic bulla. The ear canals are very clean (very mild oily secretion), normal tympanic membrane (ear drum) was seen on otoscopic exam. Otoscopic exam: AS-clean canal, normal tympanic membrane, no debris AD-moderate collection of brownish debris in vertical ear canal, lower ear canal is clean/normal, tympanic membrane is normal. Microscopic exam (cytology of ear canals AU): left ear-no microbes or inflammatory cells right ear - debris, 2-3 yeast buds/hpf
 Abnormal PE/Chem/CBC/UA Results: Chronic pancreatitis, diabetes, arthritis, murmur, hypertrophic cardiomyopathy

SPECIES

Feline

BREED

DSH

SEX

MN

COMPUTED TOMOGRAPHY OF THE SKULL

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

AGE

18

COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 102, 103, 106, 202, 203, 206, 209, 401, 402 and 407 are absent. Ankylosis of the roots of triadan 104&204 is noted. Triadan 109, 307, 309 present with resorptive lesions of the crown. A moderate amount of mineral attenuating material is attached to the crown of the premolar and molar teeth.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDF

HOSPITAL NAME

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

Animal Dental Clinic

The left ocular bulb presents a mild to moderately decreased volume and the lens of the left ocular bulb is displaced in the posterior chamber and presents moderate mineralization.

REFERRING VET

Jean Battig, DVM,
 DAVDC

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

Both tympanic bullae contain a moderate amount of fluid attenuating material. The osseous lining of the tympanic bullae is mildly thickened and smooth. The auditory tube bilaterally contains a mild amount of gas. The external ear canals are within normal limits.

INVOICE

50521

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

2-23-22

- Bilateral otitis media
- Dental resorptive lesions 109, 307, 309
- Dental tartar
- Multiple absent teeth, see above
- Left sided microphthalmos, suspect subluxation of the lens with moderate mineralization (suspect cataract)



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Due to the lack of clinical signs, the clinical relevance of the bilateral otitis media is unclear and conservative management is considered as the therapy of choice.

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The changes of the left ocular bulb can be a sequela to chronic endophthalmitis or blunt traumatic insult to the eye. An ophthalmological examination can be used for further definition.

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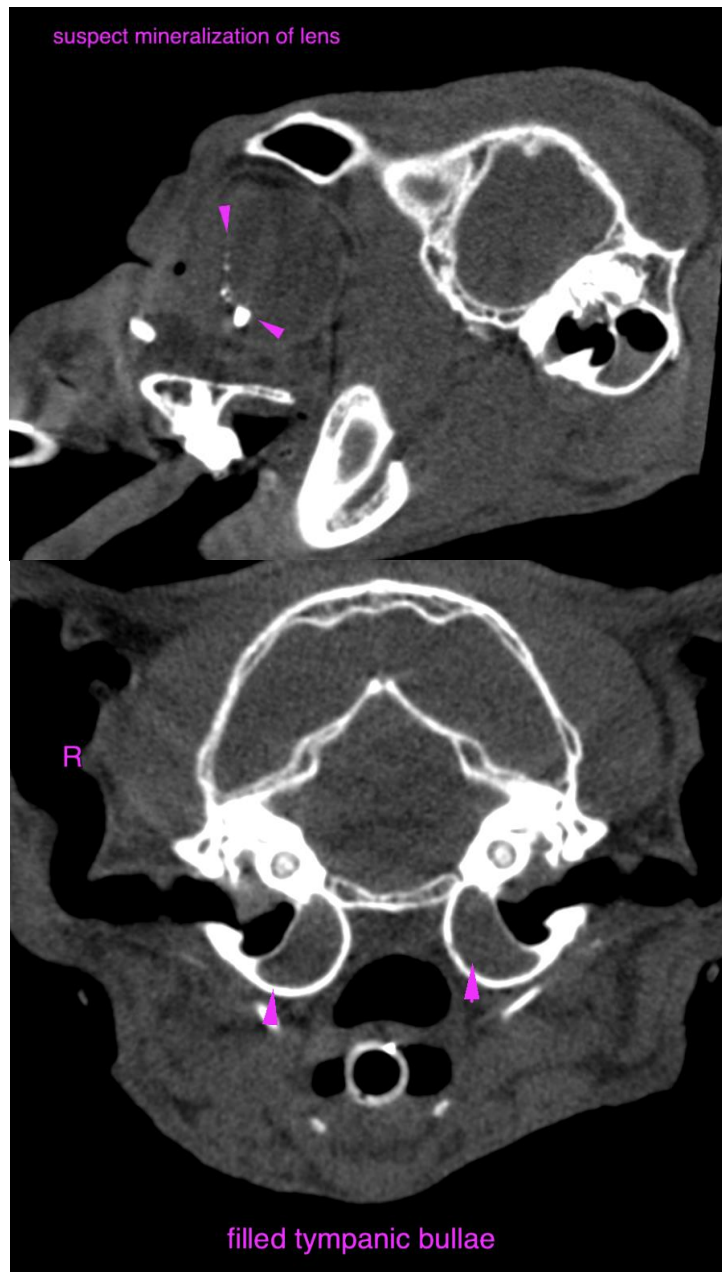
Jean Battig, DVM,
DAVDC

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DATE

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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.

SPECIES

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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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