



PATIENT PRESENTING CLINICAL SIGNS

Chip Showalter
SPECIES
 Feline
BREED
 Domestic Shorthair
SEX
 Male

Kitten was found as a stray on owner's property, and owner would like a general health evaluation. Concerned about fleas/ticks and GI parasites. No known medical history in past. Kitten is E/D/U/D normal according to owner's knowledge. EENT: Mild serous discharge with elevated third eyelids OU; clean external canals AU; mild serous nasal discharge, nares patent; throat palpates normal DENTAL: age appropriate dentition, no adult erupted teeth; Gr 0/4; no oral lesions seen LYMPH NODES: Externally palpably WNL CARDIOVASCULAR: Murmur ___/6 Location of Murmur: No murmurs or arrhythmias heard on auscultation RESPIRATORY: Clear lung sounds, tachypneic GASTROINTESTINAL: Gaseous-distended abdomen; soft, formed clay-like stool in rectum UROGENITAL: Two palpable descended testicles, externally WNL MUSCULOSKELETAL: Normal ambulatory x 4 limbs, BCS 4/9, full ROM all joints NEUROLOGIC: QDR, timid attitude; CP WNL, no CN deficits; full neuro exam not performed INTEGUMENTARY: subcutaneous swelling below L orbit, soft and fluctuant; visible flea dirt/dander; no ectoparasites seen; skin tent mildly prolonged

Abnormal PE/Chem/CBC/UA Results: RBC 6.02 M/uL HCT 25.5 % Hemoglobin 8.3 g/dL WBC 22K Neutrophils 15.07 K/uL Monocytes 1.16K/uL Bun/UREA 13mg/dL CREA 0.3mg/dL TP 8.6 g/dL Glob 5.9 g/dL

COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

A generalized mild to moderate subcutaneous swelling is seen along the left aspect of the skull.

The left tympanic bulla contains a small amount of fluid attenuating material. The wall of the left tympanic bulla is mildly thickened. At the rostromedial aspect of the left tympanic bulla a post contrast hypoattenuating soft tissue swelling is seen, presenting a mild contrast enhancing peripheral rim – follow the course of the Eustachian tube.

In the left orbit, moderate to marked swelling of the retrobulbar tissue with accompanying fat-stranding is present. The left ocular bulb is displaced rostrally and laterally by the mass effect. Generalized moderate to marked swelling

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

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

The external ear canals are within normal limits.

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.

The medial retropharyngeal lymph nodes are moderately enlarged and present a uniform contrast enhancement pattern.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Cavitory lesion in the region of the Eustachian tube
- Left sided retrobulbar soft tissue swelling & steatitis – secondary left sided exophthalmos

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

HOSPITAL NAME

Neel Veterinary
 Hospital

REFERRING VET

Dr. Doolittle

INVOICE

52982

DATE

7-15-22



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- Left sided otitis media
- Generalized subcutaneous edematous swelling along the left aspect of the skull
- Lymphadenopathy medial retropharyngeal lymph nodes

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BREED

Domestic Shorthair

SEX

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AGE

13 Weeks

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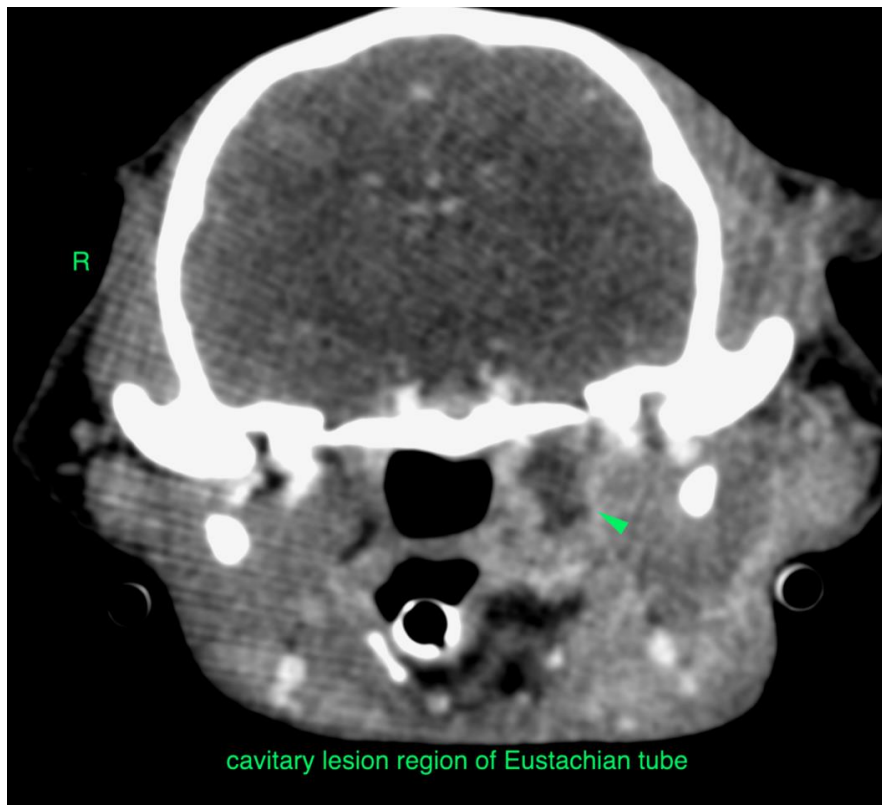
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings indicate diffuse inflammatory process with potential small abscess formation in the region of the left Eustachian tube- that can compress the Eustachian tube, possibly triggering the otitis media - and left sided retrobulbar steatitis and myositis. Dysfunction of the Eustachian tube may cause entrapment of the fluid attenuating material as well. FNA sampling of the retrobulbar swelling including sampling for microbial & fungal culture can be tried for further workup. If the potential small fluid pocket at the rostromedial aspect of the left tympanic bulla can be visualized by ultrasound, ultrasound guided drainage might be feasible allowing sampling for microbial culture.

Secondary reactive hyperplasia of the medial retropharyngeal lymph nodes bilaterally - consider FNA sampling.





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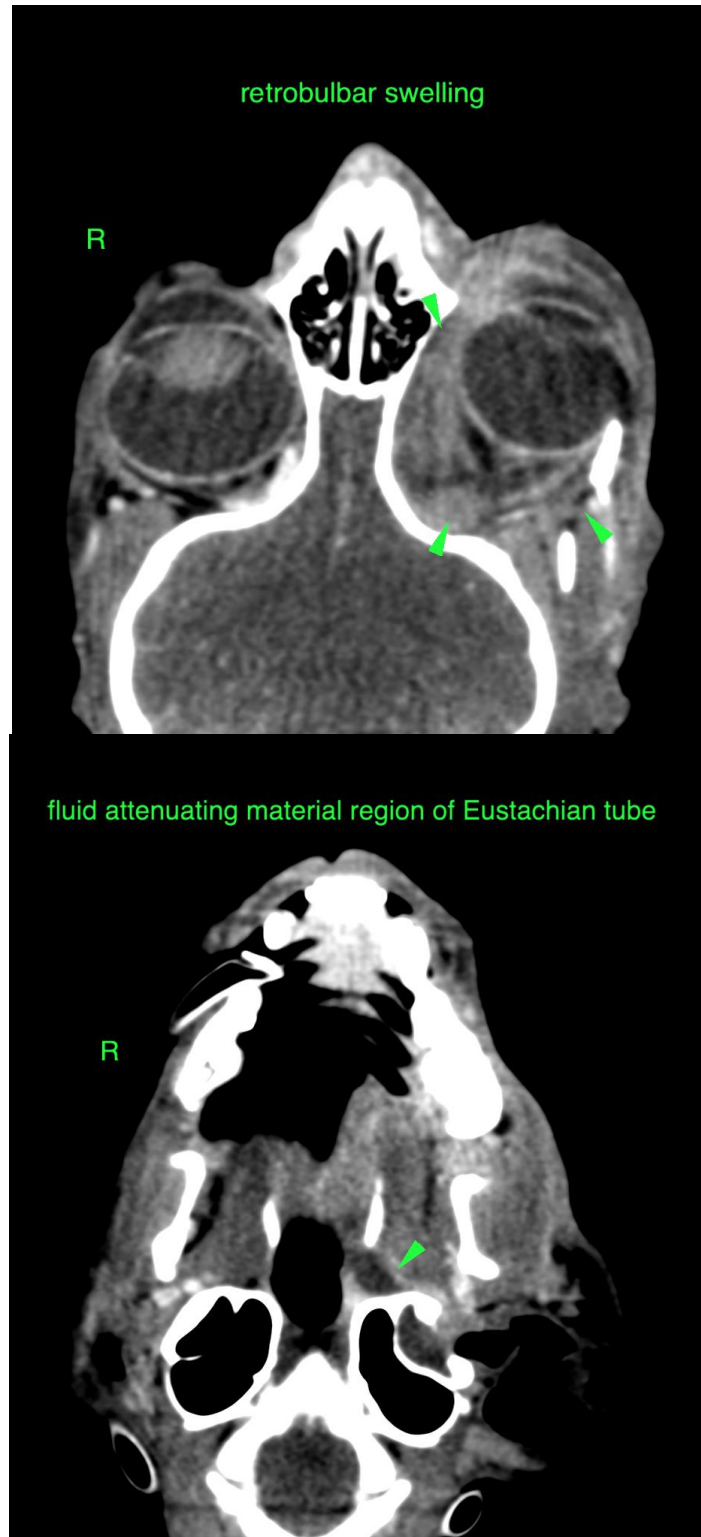
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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