
PATIENT PRESENTING CLINICAL SIGNS

Damien Miley History: Damien presented for surgical assessment of an abscess that had been corrected with a penrose drain on drained abscess friday and concerned about dead skin around the abscess
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH Multiple teeth are absent and the remaining teeth present evidence of chronic periodontal disease and evidence of multifocal resorptive dental lesions.

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

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

AGE Centered on the right external ear canal a marked, ill-defined, mild heterogeneous soft tissue swelling is visible. Post contrast administration, the soft tissue swelling is heterogeneous contrast enhancing with a hypoattenuating center measuring approximately 2.2 x 2.5 x 2.3 cm in size. The soft tissue swelling presents a post contrast hypoattenuating center demarcated by a contrast enhancing irregular wall with multiple septa extending from the periphery into the hypoattenuating center. In the rostral aspect the soft tissue swelling is extending up to the right temporomandibular joint and caudally approximately level with the caudal margins of the right external ear canal. In the ventral aspect the swelling is extending up to the ipsilateral mandibular salivary gland. The outer orifice of the right external ear canal shows multiple cauliflower like contrast enhancing lesions protruding from the epithelial lining. The subcutaneous fat level with the right external ear canal shows moderate fat-stranding.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
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Center

The left external ear canal presents moderate irregular thickening of the wall with moderate contrast enhancement.

REFERRING VET

VMCLI

The left tympanic bulla contains a mild amount of non-contrast enhancing soft tissue attenuating material and the osseous lining is mildly thickened and smooth. The right tympanic bulla is aerated and unremarkable.

Post contrast administration a moderate contrast enhancing convex shaped, to the right parietal bone broad based mass, measuring 4 mm in size is protruding into the cranial fossa.

INVOICE

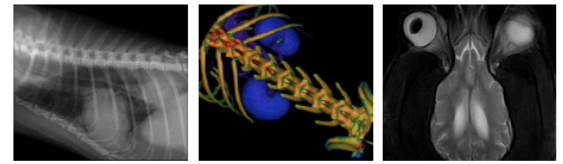
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The right mandibular and medial retropharyngeal lymph node are prominent, uniform soft tissue attenuating and contrast enhancing.

COMPUTED TOMOGRAPHIC DIAGNOSIS
DATE

8/25/21

- Cavitory lesion perforating the right external ear canal and multiple polypoid proliferations of the right external ear canal


PATIENT

Damien Miley

- Septic steatitis level with the right external ear canal
- Left sided chronic otitis externa
- Leftt sided mild otitis media
- Contrast enhancing intracranial extraaxial mass attached to the right parietal bone
- Mild lymphadenopathy right medial retropharyngeal and mandibular lymph nodes
- Multiple absent teeth and advanced periodontal disease and resorptive lesions of the remaining teeth

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
BREED

DSH

The abscess at the right aspect of the skull is originating from a perforated right external ear canal, in conjunction with the cauliflower like protrusions level with the external opening, either chronic proliferative otitis externa or infected neoplastic transformation (e.g. ceruminous gland adenocarcinoma, squamous cell carcinoma) need to be considered. A right sided total ear canal ablation with resection of the potential cavitary lesion appears feasible and is the therapy of choice. Prior to surgical intervention FNA sampling/biopsy of the cauliflower like protrusions can be considered to check for underlying malignancy.

SEX

Neutered Male

Recommend FNA sampling of the tributary lymph nodes for full tumor staging.

AGE

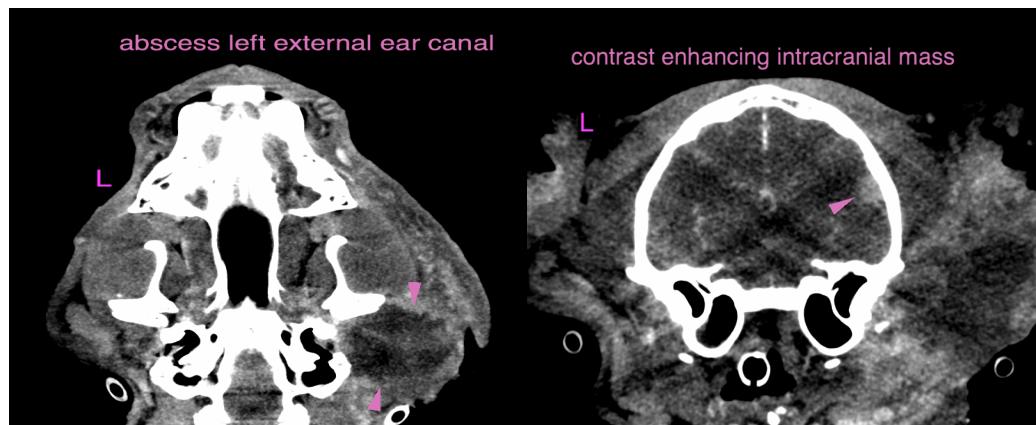
12 Years

The small intracranial contrast enhancing lesion is compatible with small meningioma and at this point considered as an incidental finding.

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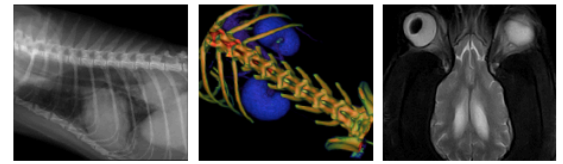
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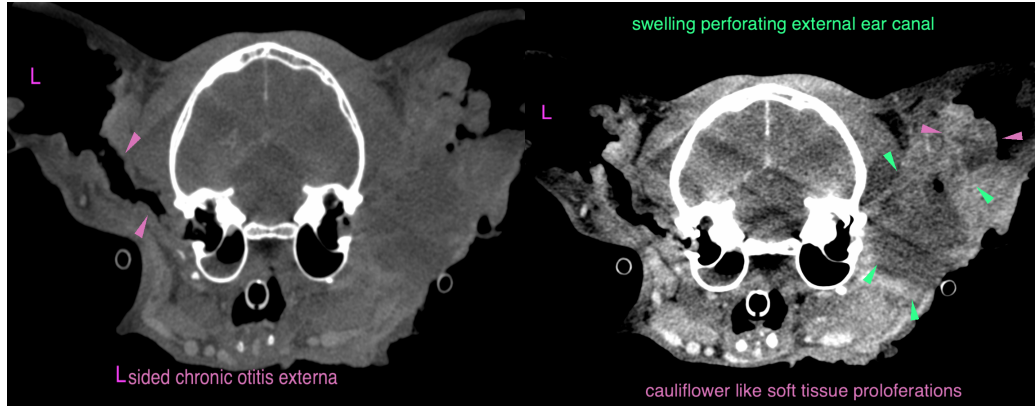
Damien Miley

SPECIES

Feline

BREED

DSH



SEX

Neutered Male

AGE

12 Years

The information and recommendations provided are based on the images presented by the referring veterinarian. 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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