



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Marmalade Gaudet

SPECIES
Feline

BREED
DSH

SEX
M

AGE
10 Years, 4 Months

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Animal Health Partners

REFERRING VET
Lea Mehrkens

INVOICE
51030

DATE
3-18-22

Marmalade, a 10 year old Male Domestic Short Hair, was presented to the Toronto Animal Health Partners Surgery Service for evaluation of a soft tissue ear mass. Marmalade initially had ear irritation noticed 6 months ago. Marmalade was started on ear medications, which cleared the irritation. Nodules were noticed at time of exam and referral was made. Marmalade has not been scratching for the past 2 months. Normal EDUD; No VDSC; Energetic and playful. Indoor kitty, but has wandered the neighbourhood. Marmalade has had a previous history of: - Chronic BIL otitis externa with external ear canal tumour/polyp in each ear

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head in soft tissue and bone windows and plain and post contrast studies of the thorax in soft tissue and lung windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Head

The CT study reveals heterogeneously enhancing ill-defined soft tissue within the horizontal part of the right external auditory meatus. The right external auditory meatus is expanded. The abnormal soft tissue measures approximately 2.0 cm in length and 0.9 cm in diameter. The contrast enhancement is nonuniform and moderate. The soft tissue does not extend into the tympanic bulla nor into the vertical part of the right external auditory meatus and the soft tissue appears to respect the walls of the ear canal. No evidence of peripheral soft tissue invasion is noted.

The regional lymph nodes including parotid, submandibular, and retropharyngeal lymph nodes all present within normal limits.

A mild amount of soft tissue attenuating material and ear canal wall thickening is noted in the medial horizontal part of the left external auditory meatus with no clear mass effect being seen.

The left regional lymph nodes present within normal limits as well.

Thorax

Overall moderate atelectatic changes are seen. There is plate-like atelectasis between the right cranial and right caudal lobes. No evidence of interstitial pulmonary nodules or masses is noted. A mild generalized bronchial lung pattern is present.

There is no evidence of mediastinal lymphadenomegaly or mediastinal mass effects.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue proliferation with mass effect within the horizontal part of the right external auditory meatus.
- Moderate left sided otitis externa with thickening of the epithelial lining of the external auditory meatus.
- No evidence of regional lymphadenomegaly.



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- No evidence of pulmonary metastatic disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals soft tissue proliferation within the right horizontal external auditory meatus suggestive for neoplasia. Differential diagnosis includes adenoma, adenocarcinoma of the ceruminous glands or squamous epithelium, soft tissue sarcoma, and round cell neoplasia. Chronic proliferative otitis externa cannot be ruled out entirely but appears less likely based on the CT findings. Final diagnosis will require histology and ear canal ablation may be required in order to remove the soft tissue changes.

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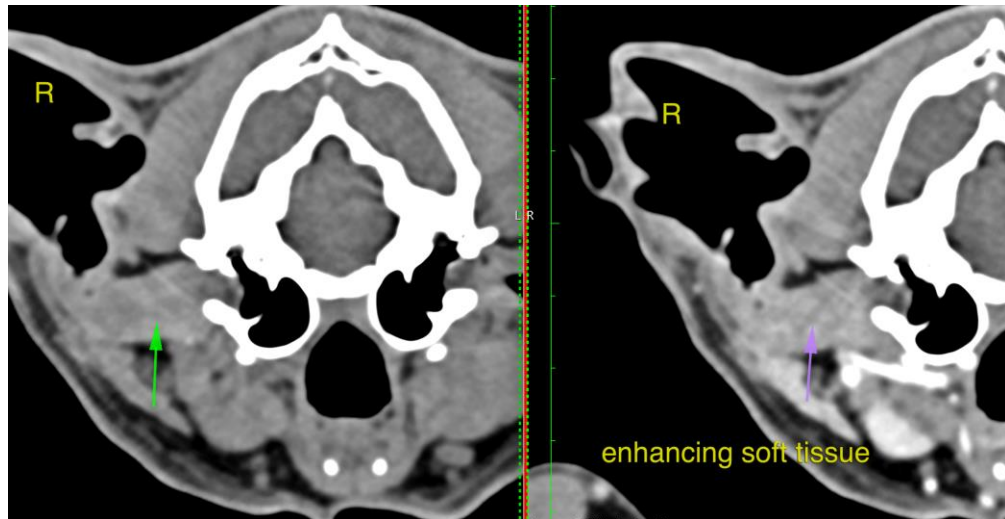
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At this time, there is no evidence of metastatic disease in the CT study of the head and thorax.

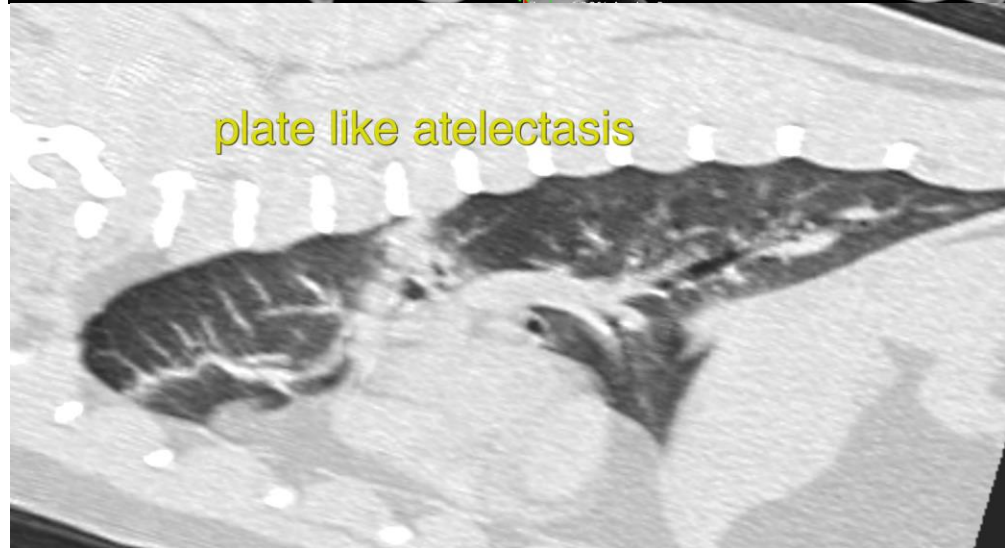


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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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