



PATIENT

Tiramisu Team Cat
Rescue

PRESENTING CLINICAL SIGNS

Tiramisu is a stray cat; taken in by rescue and R ear mass was found during ear cleaning. Mass is deep and fragile (bleeding). Foul smell and discharge coming from R ear. Very itchy/irritating to her

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

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

BREED

Domestic Shorthair

COMPUTED TOMOGRAPHIC FINDINGS

Head

A 15 x 5 mm sized irregular shaped and ill-defined mass is seen within the horizontal and vertical part of the right external auditory meatus. The mass presents nonuniform contrast enhancement and expands the ear canal. The remainder of the ear canal contains a moderate amount of fluid attenuating material. The right tympanic bulla presents aerated and within normal limits.

SEX

FS

The dentition is incomplete.

AGE

7 Years, 1 Month

The right submandibular and medial retropharyngeal lymph nodes present mild symmetric enlargement.

The right lobe of the thyroid gland is slightly larger than the left one.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

The bony and surrounding soft tissue structures are within normal limits.

HOSPITAL NAME

Animal Health
Partners

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits. Prominence of the cranial mediastinal fold is noted with no significant mass effect.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

REFERRING VET

Dr. Lea Mehrkens

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

INVOICE

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Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

DATE

5-11-22

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass meeting neoplastic criteria expanding the right external auditory meatus.
- No evidence of concurrent otitis media.



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- Right medial retropharyngeal and submandibular lymphadenomegaly.
- No evidence of pulmonary metastatic disease.
- Potential for mild enlargement of the right thyroid lobe.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Feline

The CT findings are compatible with a soft tissue neoplasia within the right external auditory meatus. Consider ceruminous gland carcinoma, squamous cell carcinoma, other carcinoma more likely than lymphosarcoma or soft tissue sarcoma. Final diagnosis, however, will require sampling. Excisional biopsy could be discussed versus direct total ear canal ablation. At this time, there is no evidence of concurrent otitis media.

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Domestic Shorthair

The lymph node changes are suggesting reactive hyperplasia. Early metastatic disease cannot be ruled out entirely and fine needle aspiration is recommended for further definition.

At this time, there is no evidence of pulmonary metastatic disease.

SEX

FS

Consider checking t4 levels. The mild enlargement of the right thyroid lobe, however, may still be within the limits of anatomic variation.

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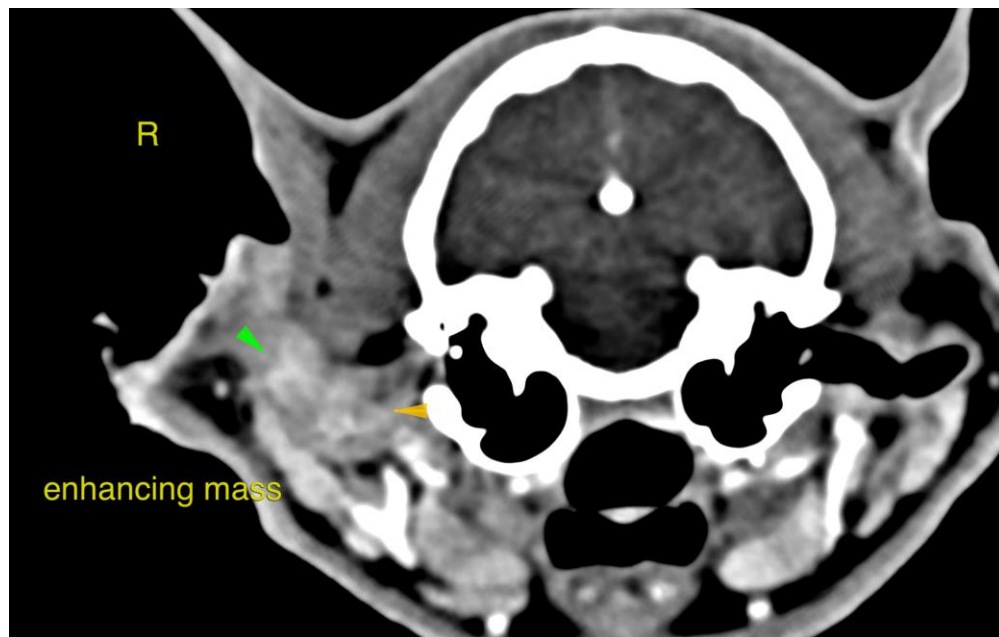
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Feline

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