



PATIENT PRESENTING CLINICAL SIGNS

Amber Lashorne Presented to surgeon for possible Left TECA.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

SPECIES

Canine

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Labrador Retriever

Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

SEX

Spayed Female

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

AGE

7 Years

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

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

A 16 x 5 mm sized enhancing elongated structure is seen within the horizontal medial part of the left external auditory meatus. The auditory meatus is mildly expanded by this structure. The contrast enhancement pattern is largely uniform. The lesion margins cannot be clearly delineated from the epithelial lining of the auditory meatus. Mild concurrent otitis externa is noted on the left side. Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

HOSPITAL NAME

Mobile Pet Imaging

The visible dentition is within normal limits.

Thorax

REFERRING VET

Meaux

Moderate T2/3 and T5/6 spondylosis deformans is seen.

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.

INVOICE

52068

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

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.

DATE

5-12-22

The lung parenchyma presents the expected architecture and attenuation behavior.



PATIENT

Amber Lashorne

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Small soft tissue mass expanding the medial horizontal part of the left external auditory meatus.
- Mild concurrent otitis externa - no evidence of concurrent otitis media.
- No evidence of metastatic disease to the regional lymph nodes or lung.
- Thoracic spondylosis - likely incidental.

BREED

Labrador Retriever

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

SEX

Spayed Female

The CT study reveals an enhancing soft tissue structure within the medial aspect of the left external auditory meatus. Soft tissue neoplasia such as ceruminous cell carcinoma, squamous cell carcinoma, and round cell neoplasia is considered most likely. Polyp and granuloma cannot be ruled out entirely but are thought by far less likely. Final diagnosis will require histology. Consider excisional biopsy of the small mass versus total ear canal ablation

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Mobile Pet Imaging

REFERRING VET

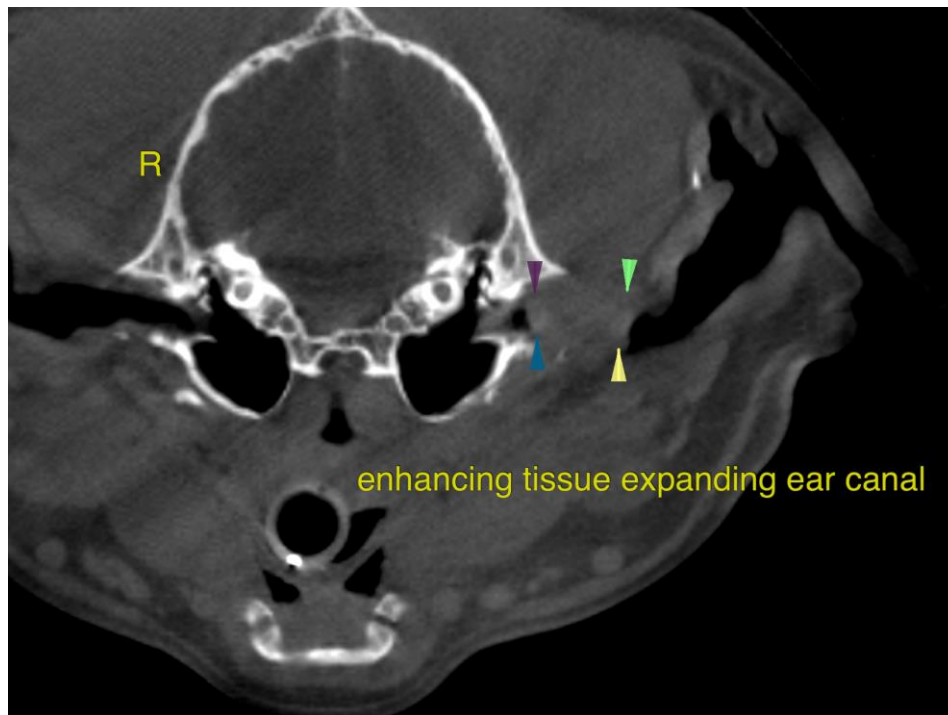
Meaux

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**PATIENT**

Amber Lashorne

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.

SPECIES

Canine

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.

BREED

Labrador Retriever

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SEX

Spayed Female

AGE

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