



PATIENT PRESENTING CLINICAL SIGNS

Doc Moro History of ear infections for last 4 months, pet recently found to have a mass in the left horizontal ear canal.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

Canine A high resolution pre- and post-contrast CT study of the skull and a post-contrast CT study of the thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Skull

Labrador Retriever Triadan 105 presents with two crowns and two fused roots. Triadan 308 is absent.

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

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

AGE The medial aspect of the horizontal segment of the left external ear canal is obliterated by uniform soft tissue attenuating and mild contrast enhancing material. Shell like mineralization of the affected segment of the left external ear canal is seen as well as osseous remodeling of the left external acoustic meatus, presenting immature new bone formation. The left tympanic bulla is filled with non-contrast enhancing soft tissue material.

7 Years

INTERPRETED BY

Drumstick like new solid new bone formation are appreciated in both tympanic bullae, L>R.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

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.

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Thorax

A cutaneous wart-like lesion is seen at the left lateral thoracic wall, level with the 5th left rib.

REFERRING VET

Kara Fiore

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 is uniform and considered within normal limits.

INVOICE

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

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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.

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The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization.

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



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Doc Moro
- Intraluminal contrast enhancing soft tissue lesion medial aspect left external ear canal with local semiaggressive osteoproliferative lesions
 - Left sided otitis media
- SPECIES**
- Gemination triadan 105
 - Absent triadan 308
- Canine
- Structural normal thorax, but pulmonary osteomas – no evidence of pulmonary metastatic disease

BREED **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Labrador Retriever

The clinically appreciated soft tissue mass in the medial aspect of the left external ear canal presents signs of local semiaggressive behavior, increasing the odds for neoplastic disease – such as squamous cell carcinoma, ceruminous gland adenocarcinoma. A differential is inflammatory polyp. Surgical management by left sided total ear canal ablation and lateral bulla osteotomy is considered as the therapy choice.

SEX

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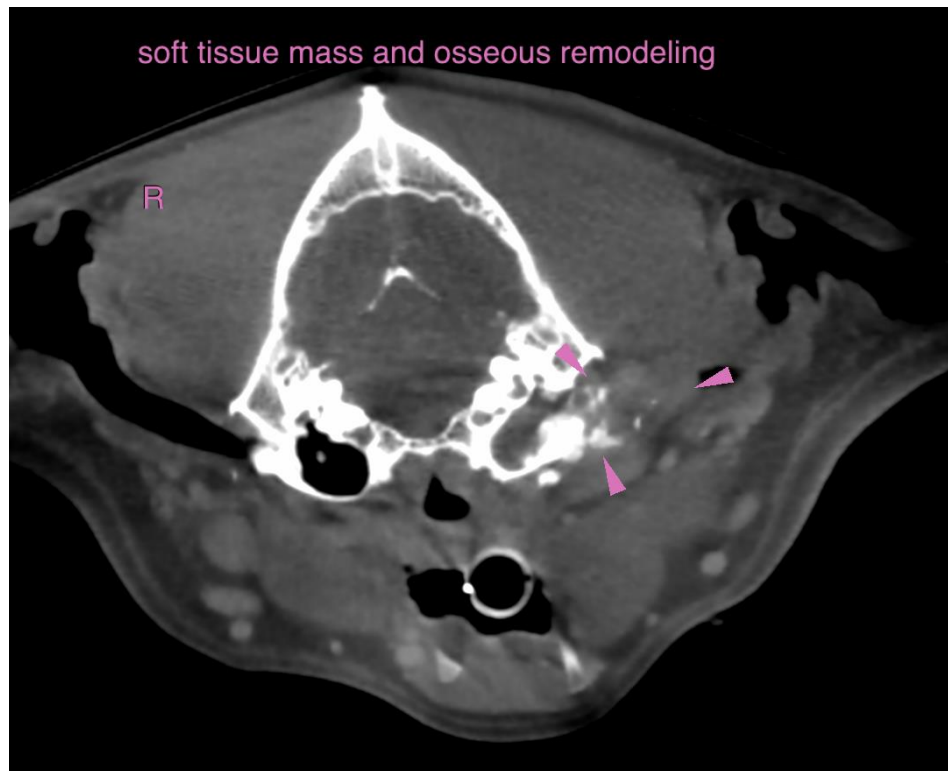
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PATIENT

Doc Moro

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

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.

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

Labrador Retriever

SEX

MN

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