



PATIENT PRESENTING CLINICAL SIGNS

Buddy Walton 7 July acute onset facial/peri-orbital swelling cryptococcosis/Lcat neg
 Abnormal PE/Chem/CBC/UA Results: abc/chem unremarkable histopathology
 granulomatous lymphangitis

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Canine Plain and post contrast studies in soft tissue, lung, and bone windows available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Kelpie **Head**

SEX
 MN
 A large irregular shaped and ill-defined soft tissue mass with heterogeneous enhancement is seen within the right orbita caudal to the right eye. The mass measures approximately 7.0 cm in length, 4.0 cm in width, and 6.5 cm in height. Severe right sided exophthalmos is noted. The mass extends beyond the limits of the orbita into the right side of the face. Polyostotic aggressive osteolytic changes of the right nasal and right maxillary bones, and bony orbita are noted and do allow for extension into the retromolar soft tissue as well as into the right nasal cavity at this time. No evidence of intracranial extension is seen.

AGE
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 Severe right sided retropharyngeal and submandibular lymphadenomegaly is seen. The lymph nodes measure up to 14.0 cm in diameter and present severely heterogeneous contrast enhancement with peripheral fat stranding.

INTERPRETED BY Neck & Thorax

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The cervical and mediastinal lymph nodes present within normal limits.

HOSPITAL NAME Both lobes of the thyroid gland are seen and present within normal limits.

Advanced Veterinary
 Imaging

There is mild redundancy of the dorsal tracheal ligament in the cervical trachea.

The lung and bronchial tree present within normal limits.

REFERRING VET There is a defect within the intercostal musculature between the 7th and 8th left ribs with extrapleural invagination of fatty tissue into the left pleural cavity.

Eamon A large amount of mineral attenuating material (bones) are seen within the stomach.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- INVOICE**
- Large soft tissue mass meeting neoplastic criteria in the right orbita with facial and intranasal extension.
 - Severe right sided medial retropharyngeal and submandibular lymphadenomegaly meeting metastatic criteria.
 - Defect in the left thoracic wall with extrapleural invagination of fatty tissue.

53046

DATE

7-23-22

**PATIENT**

Buddy Walton

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a right sided retrobulbar soft tissue neoplasia with facial and intranasal extension. Adenocarcinoma, other carcinoma, and soft tissue sarcoma are primary differential diagnoses. Round cell neoplasia and other cannot be ruled out entirely. The findings are not compatible with an inflammatory/infectious lesion or granuloma.

SPECIES

Canine

The lymph node changes are highly suggestive for metastatic disease and should be considered so until proven otherwise.

BREED

Kelpie

No evidence of metastatic disease of the mediastinal lymph nodes or lung is seen.

The defect within the left thoracic wall may be congenital or acquired (prior trauma or surgery) and is not necessarily of clinical significance. Infiltrative lipoma is an unlikely differential diagnosis.

SEX

MN

AGE

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INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Advanced Veterinary
Imaging**REFERRING VET**

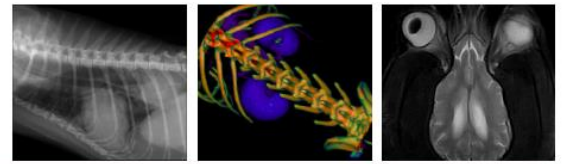
Eamon

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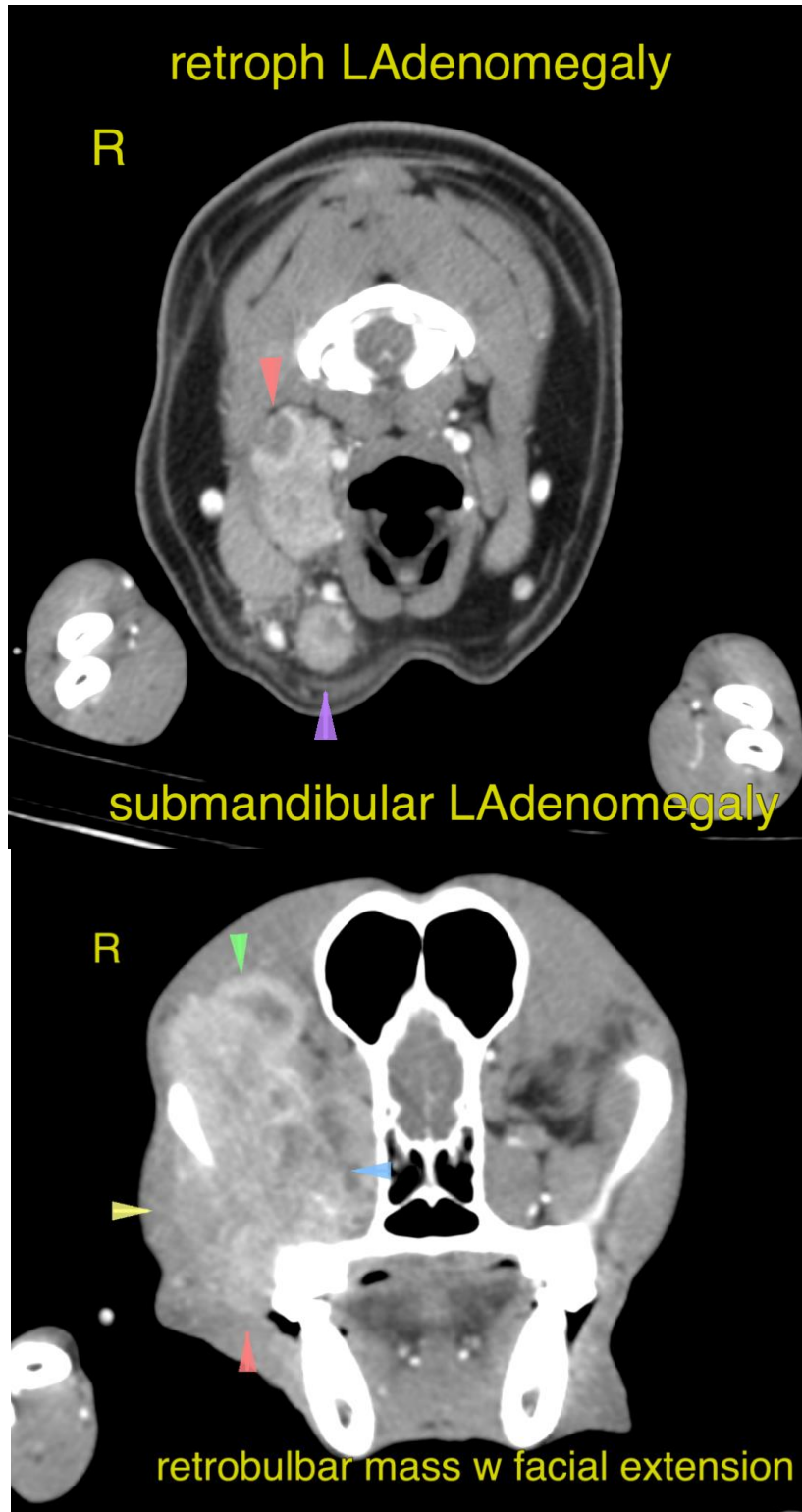
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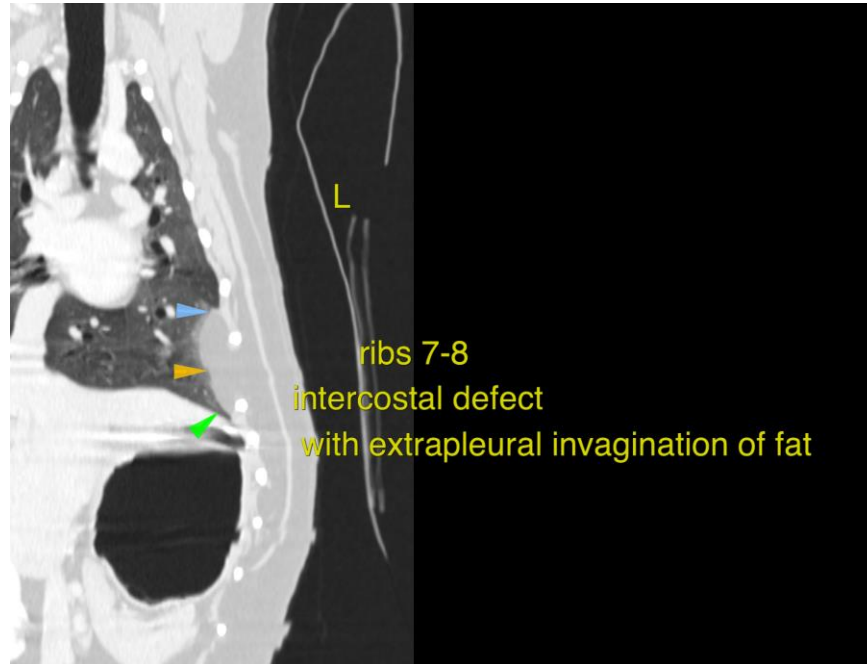
Kelpie

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Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Advanced Veterinary
Imaging

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.

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

REFERRING VET

Eamon

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