



**PATIENT PRESENTING CLINICAL SIGNS**

Kylo Combs Swelling: Neck, Reoccurring, antibiotic Responsive, diffuse across neck and chest, very mild at the moment Deaf: Seems related to swelling Anxiety: Separation Mass 2: Right Abdomen, getting bigger, to right of prepuce, 1.5 in across, in sc layer Sneezing Swelling of neck, sneezing and deafness may be related in that there may be a dental or upper respiratory infection that also involved the middle ear.

**SPECIES**

Canine Abnormal PE/Chem/CBC/UA Results: CBC and Biochem Unremarkable today

**BREED**

Mixed Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK**

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

**Head**

MN

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.

**AGE**

8

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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

Small otoliths are seen within both tympanic bullae. No mucosal swelling and no fluid content is noted. There is no evidence of a mass within the middle ear. The conformation of both external auditory meatuses is narrow with thick epithelial lining. No evidence of luminal material or mass effects is seen.

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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.

**REFERRING VET**

Dr. O'Connor

The salivary glands present within normal limits.

The dentition is incomplete. Mild periodontal disease is seen circumferential to the root of the triadan 101. 103 is absent. Pointed crown of the triadan 201 is seen. There is a complicated crown fracture of the triadan 402. The remainder of the dentition presents within age related normal limits.

**INVOICE**

56799

**Neck**

Number, alignment, and general anatomy of the cervical vertebrae present within normal limits.

**DATE**

2-15-23

C5/6 spondylosis deformans is noted.

The atlantooccipital junction presents within normal limits.



**PATIENT**

Kylo Combs

A 17 x 7mm sized heterogeneously enhancing expansile nodule is seen within the caudal aspect of the right lobe of the thyroid gland. The cranial and caudal right parathyroid glands can be seen separate from this nodule. The left thyroid lobe and parathyroid glands present within normal limits.

**SPECIES**

Canine

No other soft tissue swelling is seen in the neck.

The cervical lymph nodes present within normal limits.

**BREED**

Mixed

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Expansile nodule within the right thyroid lobe.
- Middle ear otoliths – incidental finding.
- No evidence of otitis media or externa at this point.
- Mild periodontal disease triadan 101.
- Complicated crown fracture triadan 402.
- No other relevant dental disease.

**SEX**

MN

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

8

The CT study reveals an expansile nodule within the caudal aspect of the right thyroid lobe. Differential diagnosis includes thyroid adenoma and adenocarcinoma primarily. Parathyroid enlargement or other thyroid mass are thought highly unlikely. The left lobe of the thyroid gland presents within normal limits. No other swelling is noted in the neck.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The middle ear otoliths are unlikely to be of any clinical significance. At this point, there is no evidence of concurrent otitis media or externa.

The dental changes do not appear to be relevant to the current clinical presentation.

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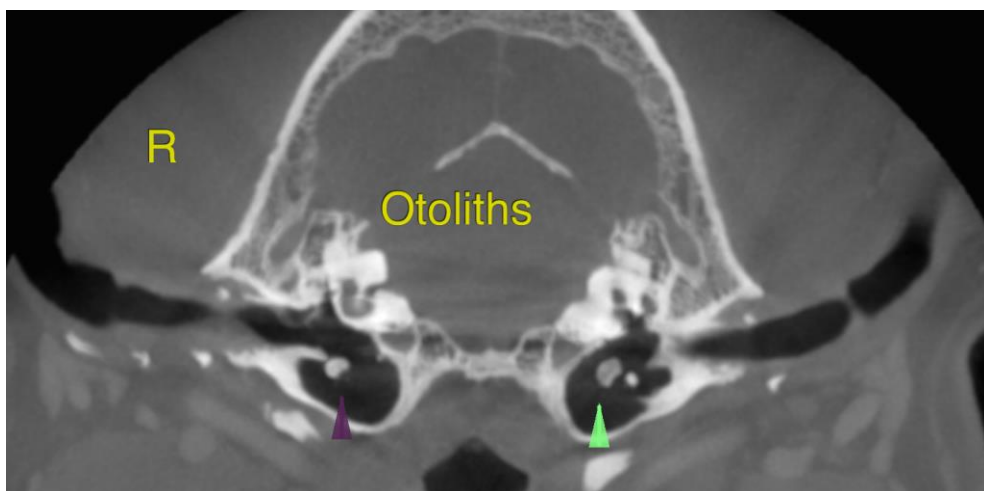
Dr. O'Connor

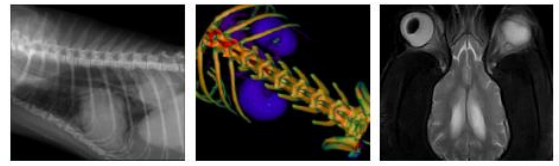
**INVOICE**

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**DATE**

2-15-23





**PATIENT**

Kylo Combs

**SPECIES**

Canine

**BREED**

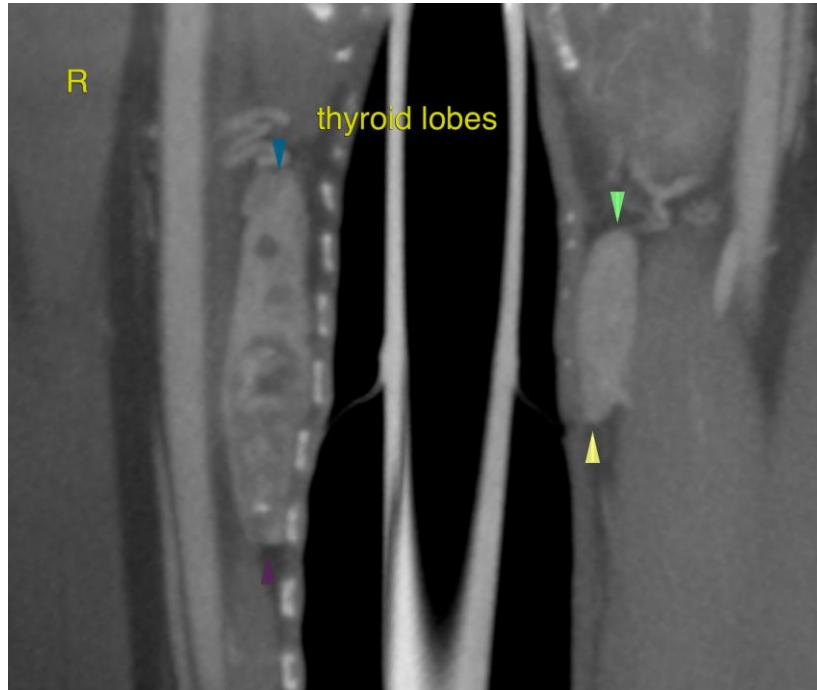
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**SEX**

MN

**AGE**

8



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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.

**HOSPITAL NAME**

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Veterinary Hospital

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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**REFERRING VET**

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