

Diagnostic Imaging

Veterinary CT, Ultrasound & Telectology Services
veterinarian referral only

PATIENT PRESENTING CLINICAL SIGNS

Bubba Darco -possible tracheal mass-/potential mass or physical obstruction in trachea causing stertorous breathing and difficult intubation/extubation

SPECIES -Still having some breathing issues- stertorous breathing and exercise intolerance- needs to walk slowly

Canine -BCS 7/9
-Potential upper airway obstruction - as per referring vet dog was very difficult to intubate and extubate patient- worried about tracheal mass

BREED Abnormal PE/Chem/CBC/UA Results: Globulin was high - rest of bloodwork WNL

COMPUTED TOMOGRAPHIC STUDY OF THE NECK

American Staffordshire

A pre- and post-contrast CT study of the neck was provided for review, totaling three series, including one pre-contrast bone algorithm acquisition and two post-contrast soft tissue algorithm acquisitions.

SEX

Male Neutered

COMPUTED TOMOGRAPHIC FINDINGS

NECK

AGE

7Y

The soft palate is diffusely thickened and mildly elongated, resulting in mild narrowing of the nasopharyngeal airway lumen.

The laryngeal soft tissues are symmetrically and mildly thickened. No focal mass lesion, abnormal contrast enhancement, or asymmetry is identified.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

No tonsillar mass effect is detected.

Multiple small mineral attenuating foci are present within the epiglottis, compatible with incidental mineralization/degenerative change.

HOSPITAL NAME

Rockaway Animal Hospital

The thyroid and cricoid cartilages are unremarkable.

The hyoid apparatus is unremarkable.

The cervical trachea, thoracic inlet region, and trachea extending to the carina are normally aerated, with no evidence of intraluminal mass, mural thickening, tracheal narrowing, or tracheal ring abnormality.

REFERRING VET

Dr. Maniar

The medial retropharyngeal and mandibular lymph nodes are within normal size and attenuation limits.

INVOICE

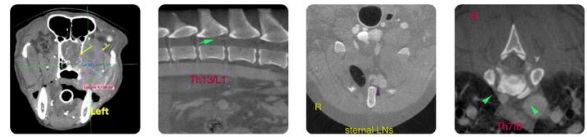
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The tympanic bullae are unremarkable. Multifocal mineral foci are present along the walls of the external auditory canals, considered incidental chronic degenerative/mineralization changes.

The right thyroid gland is moderately enlarged and rounded, containing a heterogeneous hypoattenuating nodule measuring approximately 1.1 x 2.6 cm. The left thyroid gland is within normal limits in size and attenuation, measuring approximately 0.8 x 2.5 cm.

DATE

5-26-26



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PATIENT

Bubba Darco
The esophagus is unremarkable.
The salivary and parotid glands are unremarkable.

SPECIES

Canine
The cervical spine is unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

American
Staffordshire

- Mild diffuse thickening and elongation of the soft palate resulting in mild nasopharyngeal airway narrowing. Differential diagnoses include upper airway obstructive conformational change, concurrent pharyngitis and laryngitis, larynx swelling.
- No CT evidence of tracheal mass, tracheal obstruction, or tracheal wall abnormality.
- Moderate enlargement of the right thyroid gland associated with a heterogeneous hypoattenuating thyroid nodule. Differential diagnoses include thyroid adenoma, nodular hyperplasia, or less likely early-phase thyroid carcinoma,
- Incidental multifocal mineralization of the epiglottis and external auditory canal walls.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

7Y

The CT findings demonstrate mild diffuse thickening and elongation of the soft palate, resulting in nasopharyngeal airway narrowing. Differential diagnoses include upper airway obstructive conformational changes, concurrent pharyngeal inflammation, and concurrent laryngeal paralysis. Consider a laryngoscopy for better evaluation of the larynx.

There is no evidence of a tracheal mass or significant intraluminal tracheal obstruction. No regional invasive cervical mass effect or lymphadenopathy is identified on this study.

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The right thyroid gland contains a moderately enlarged heterogeneous nodule. Although this finding may be incidental, neoplastic and hyperplastic thyroid disease remain differential considerations. Correlation with thyroid function testing, cervical ultrasound, and possible fine-needle aspiration (FNA) may be considered.

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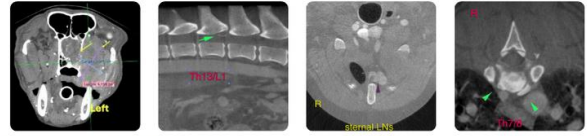
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Fig. 1. Diffuse thickening and mild elongation of the soft palate causing narrowing of the nasopharyngeal airway passage.

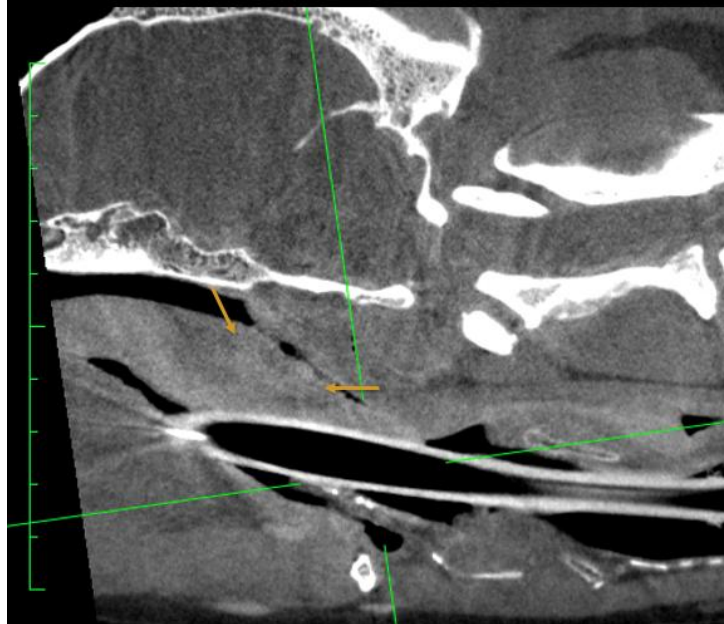
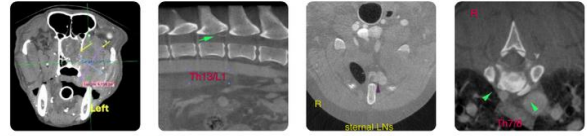


Fig. 2. Mild symmetrical thickening of the laryngeal tissues





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PATIENT

Bubba Darco

SPECIES

Canine

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American
Staffordshire

SEX

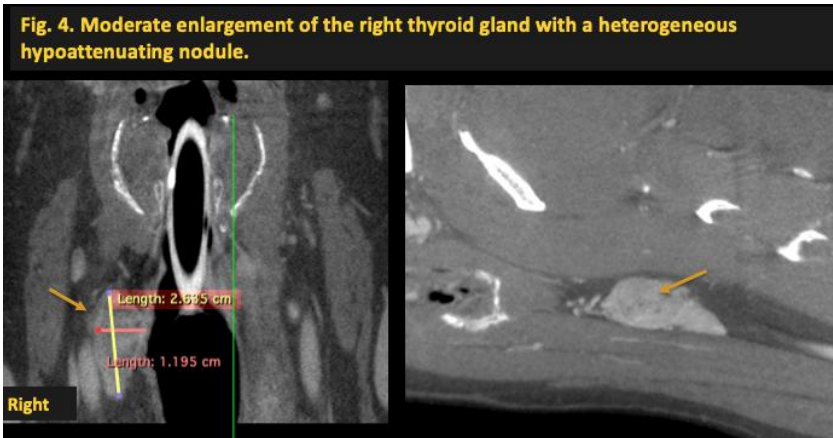
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

REFERRING VET

Dr. Maniar

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