

**PATIENT PRESENTING CLINICAL SIGNS**

Nala Persaud abnormal sounds abnormalities, mass effect at the laryngeal region

**COMPUTED TOMOGRAPHY OF THE HEAD & NECK**

**SPECIES** Plain studies available for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

The left laryngeal region presents a soft-tissue dense and amorphous mass at the level of the esophageal entrance with invasion of the laryngeal lumen showing estimated diameters of 5.1 x 4.6 cm. Central fluid accumulation is suspected. Hypertrophic vessels are indicated caudal to the lesion with moderate lymph adenomegaly of the left medial retropharyngeal lymph nodes. The left thyroid gland is clearly delimited with a maximum diameter of 1.8 cm length. Osteolysis/erosion of the hyoid bones is not recognized.

**BREED** Pitbull

**SEX** Female

The skull and neurocranium show normal findings.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**AGE** 10 Years

- Suspected aggressive lesion left larynx/cranial esophagus with invasion of the adjacent structures (larynx, trachea, esophagus) and retropharyngeal lymph adenomegaly

**INTERPRETED BY INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging

CT findings likely present an aggressive lesion as commonly seen with advanced malignant neoplasia. The left thyroid gland is inconspicuous. The esophagus, larynx and adjacent vessels/soft tissues are possible origins. Differentials include but are not limited to squamous cell carcinoma, adenocarcinoma, and chondrosarcoma.

**HOSPITAL NAME** Animal Surgical Center

Due to the CT appearance, invasion of the local structures and regional metastatic spread are suspected. An inflammatory process is unlikely, although secondary abscess formation or central necrosis are possible. Biopsy/FNA of the mass and the affected lymph nodes could confirm malignancy and origin. Consider complementary radiographs of the thorax.

**REFERRING VET**

Howard Beach Animal Clinic

**INVOICE**

57474

**DATE**

3-28-23



**PATIENT**

Nala Persaud

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Female

**AGE**

10 Years

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

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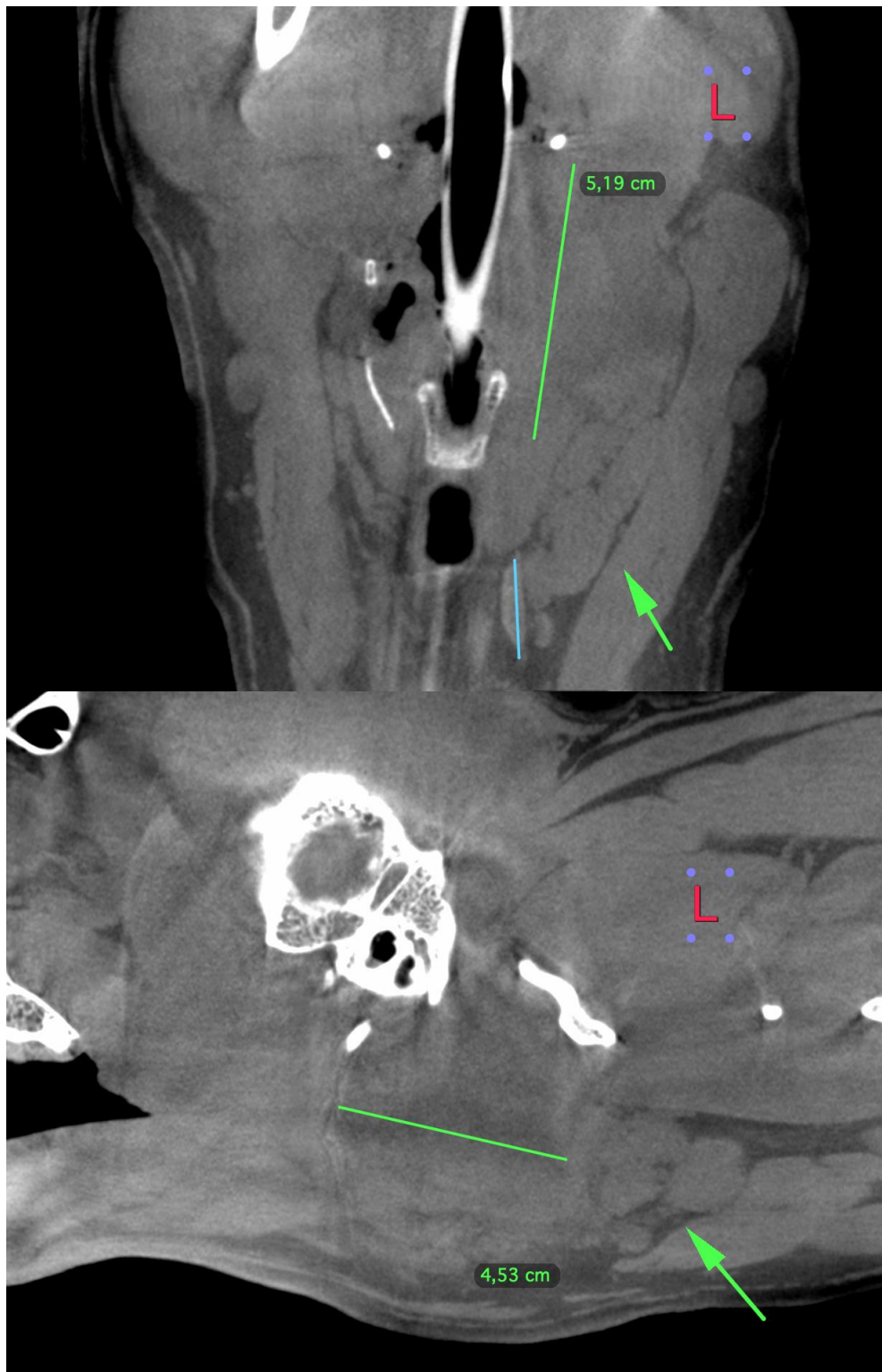
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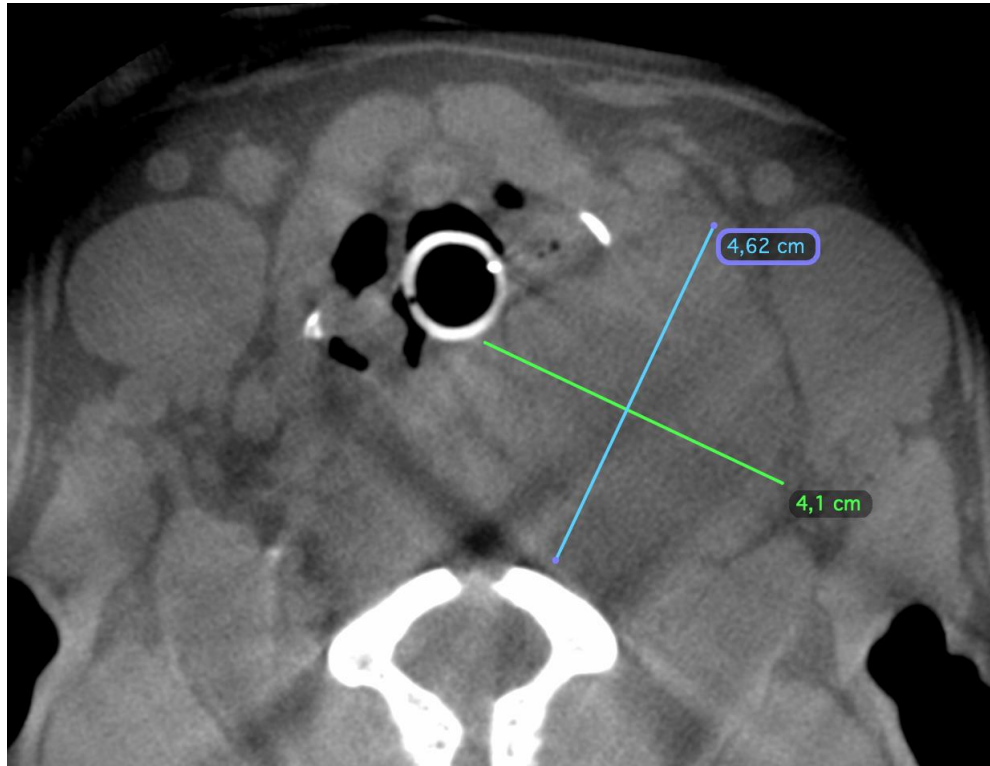
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging  
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