



## PATIENT

Red Kelley

## SPECIES

Canine

## BREED

Harrier Mix

## SEX

Neutered Male

## AGE

10Y

## WEIGHT

54lbs

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## IMAGING PERFORMED BY

Sidney

## HOSPITAL NAME

East Hill Animal  
Hospital

## REFERRING VET

Laura Hall

## INVOICE

74599

## DATE

4-14-26

## PRESENTING CLINICAL SIGNS

open mouth breathing  
difficulty eating  
stertor when recumbent  
Cervical swelling

Abnormal PE/Chem/CBC/UA Results: mass palpable in throat normal bw

## COMPUTED TOMOGRAPHIC STUDY OF THE NECK

Plain and post contrast studies are available for review.

## COMPUTED TOMOGRAPHIC FINDINGS

A large, aggressive, infiltrative soft tissue mass centered within the ventral cervical region measuring approximately 14 cm in length and 10 cm in diameter is seen. Lesion margins are ill-defined. Strong heterogeneous contrast enhancement and areas of multifocal stippled mineralization are seen. Local invasion includes the soft tissues of the larynx and trachea with circumferential involvement and compression as well as the esophagus including the upper esophageal sphincter and extensive infiltration of the surrounding cervical soft tissues. No normal thyroid tissue is identifiable, suggesting origin from the thyroid gland. There is multifocal vascular involvement with invasion and encasement of regional cervical vasculature. Multiple superficial vascular anastomoses are seen.

Regional lymphadenopathy with infiltration of the retropharyngeal lymph nodes is present resulting in marked mass effect with compression of airway and esophageal lumen is noted.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large highly aggressive infiltrative cervical mass with extensive invasion of airway, esophagus, vasculature, and surrounding soft tissues.
- Regional metastatic disease/lymph node infiltration.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with malignant neoplasia with primary thyroid carcinoma being considered by far most likely. The severe local invasion renders the mass nonresectable. Tissue diagnosis can be considered if safe and clinically indicated. Oncology consultation for discussion of palliative therapy options can be considered. The long term prognosis is unfortunately guarded to poor.



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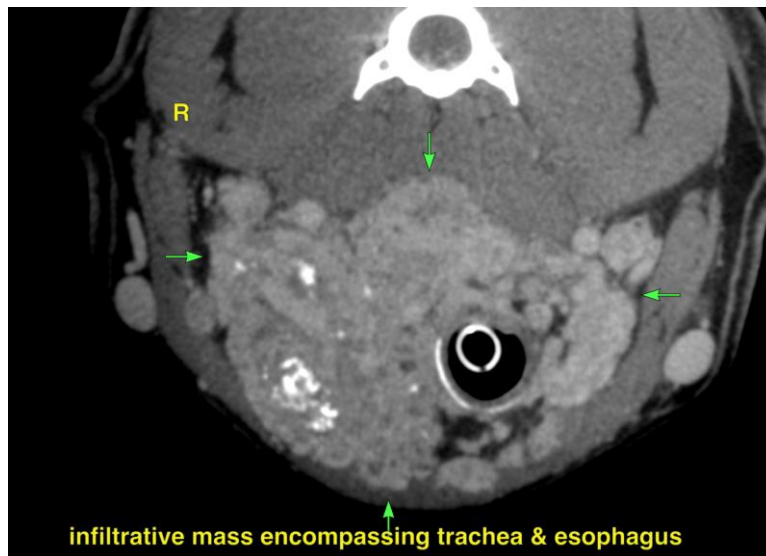
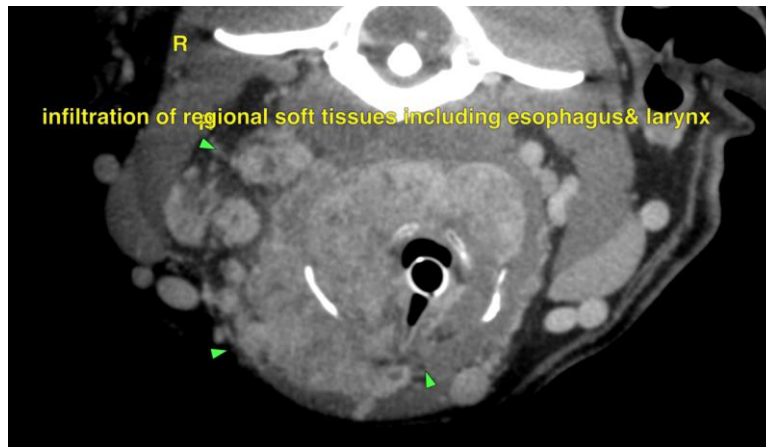
Laura Hall

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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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
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