



**PATIENT**

Autumn Harris

**PRESENTING CLINICAL SIGNS**

Autumn, a 8 year old, FS , presented to the AHP Neurology Service on February 24, 2022 for evaluation of neck pain. episodes of neck pain (3) over to years. Most recent episode started in the last week. steroids relieved pain but when weaned then pain returned. on examination cranial cervical pain. remainder of physical and neurological examination within normal limits.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

Beagle X

**COMPUTED TOMOGRAPHIC FINDINGS**

An ill-defined heterogeneously enhancing mass effect is seen within the left longus capitis and digastric muscle from ventral of the left tympanic bulla up to the level of the left atlas wing. Lesion margins are severely ill-defined. No evidence of aggressive bone lysis of the occipital bone, tympanic bulla, and atlas are seen. Peripheral fat stranding is noted as well as mild left medial retropharyngeal lymphadenomegaly.

**SEX**

FS

The triadans 110, 209, 210, 310, 311, 410, and 411 present moderate periodontal space widening with partial loss of their lamina dura.

**AGE**

8 Years

A mild amount of hypoattenuating contrast negative material is seen within the medial aspect of the left external auditory meatus.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Ill-defined intramuscular soft tissue mass in the left perioccipital and retropharyngeal area involving the longus capitis and digastric muscles with peripheral fat stranding and regional retropharyngeal lymphadenomegaly.
- Multifocal moderate periodontal disease.
- Mild left otitis externa.

**HOSPITAL NAME**

Animal Health  
Partners

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are highly suggestive for a soft tissue neoplasia with aggressive biological behavior in the left upper cervical, perioccipital, and digastric musculature. At this time, however, no osseous involvement is noted. The left medial retropharyngeal lymph node is mildly enlarged. Soft tissue sarcoma and round cell neoplasia are the most likely differential diagnoses. Other neoplasia and inflammatory/infectious myopathy are thought by far less likely. Final diagnosis however will require sampling for histology.

**REFERRING VET**

Dr. Alison Little

**INVOICE**

50557

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Fine needle aspiration is recommended for further definition.

**DATE**

2-24-22



**PATIENT**

Autumn Harris

**SPECIES**

Canine

**BREED**

Beagle X

**SEX**

FS

**AGE**

8 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

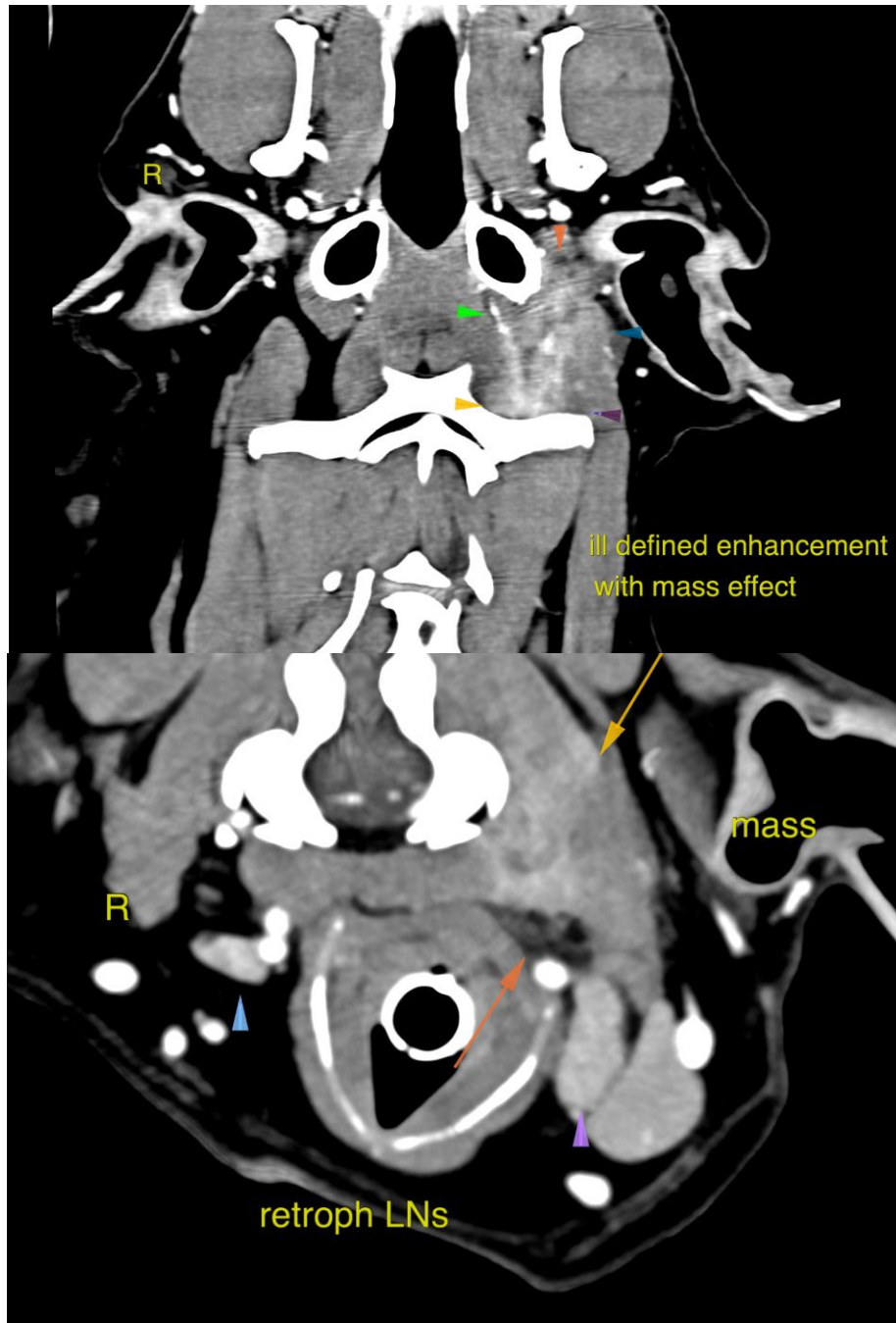
Dr. Alison Little

**INVOICE**

50557

**DATE**

2-24-22





**PATIENT**

Autumn Harris

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.

**SPECIES**

Canine

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.

**BREED**

Beagle X

**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

**SEX**

FS

**AGE**

8 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Alison Little

**INVOICE**

50557

**DATE**

2-24-22