

**PATIENT**

Rollie Henning

**SPECIES**

Canine

**BREED**

Border Collie

**SEX**

Spayed Female

**AGE**

13 Years, 5 Months

**INTERPRETED BY**Nele Eley, DVM  
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Neel Veterinary  
Hospital**REFERRING VET**

Dr. Rider

**INVOICE**

48156

**DATE**

11-1-21

**PRESENTING CLINICAL SIGNS**

Rollie is presented today for having a swollen eyes. The issue started month or 2 ago. Has slowly gotten worse over the last few weeks, within the last few days has started to look swollen shut. Is extremely watery, no puss in discharge. Skin around and underneath the eyes is very swollen and irritated. Eyeball itself is red in the corners. O said she is not rubbing the eye that much, not rubbing with paw or rubbin on the carpet muhc. Doesnt seem to bother her that much. P

**COMPUTED TOMOGRAPHIC STUDY OF THE ORBITAL AREA**

Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

An ossifying mass with stippled overall ossification is seen in the rostral aspect of the left orbita. The mass causes aggressive osteolysis of the rostral portion of the left orbita and left nasal bone. It extends onto the dorsum of the nose, into the orbita, and into the left nasal cavity where it causes regional turbinate destruction. Moderate nonuniform post contrast enhancement is seen. The length of the mass is 2.6 cm, and the diameter is 2.2 cm. Lateral deviation of the left eye is seen.

The left submandibular lymph node presents within normal limits. The left medial retropharyngeal lymph node is not seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Ossifying aggressive osteolytic mass of the left rostral orbita with secondary exophthalmos and intranasal extension.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are suggestive for multilobulated osteosarcoma. Osteosarcoma and chondrosarcoma are potential differential diagnoses. Final diagnosis would require sampling for histology which could be considered along with full staging if the owners are interested in pursuing further treatment measures.



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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.

**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**

Border Collie

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

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