



**PATIENT**

Meika Lodestro

**PRESENTING CLINICAL SIGNS**

Intermittent epistaxis. No response to antibiotics or antivirals.  
Abnormal PE/Chem/CBC/UA Results: Herpes PCR positive

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

**BREED**

Giant Schnauzer

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

FS

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining.

**AGE**

8 Years

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**HOSPITAL NAME**

Paws and Claws  
Urgent Care

The salivary glands present within normal limits.

The visible dentition is within normal limits.

**Thorax**

**REFERRING VET**

Alexis Rambaud

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

**INVOICE**

49915

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**DATE**

1-27-22

The tips of the caudal lung lobes are not entirely included in the collimated field of view and there is over saturation of the caudal lung field. The lung parenchyma presents the expected



**PATIENT** architecture and attenuation behavior.

Meika Lodestro Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**SPECIES** **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Structurally normal CT study of the nasal cavities.
  - Normal age related thorax.

**BREED** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Giant Schnauzer The CT study reveals no evidence of sinonasal pathology. There is no evidence of a mass, foreign material, turbinate destruction, or dental disease that would be relevant to the clinical signs. Consider coagulopathy, systemic hypertension, and paraneoplastic syndrome as potential underlying causes of the epistaxis. Complementary rhinoscopy with sampling could be considered to allow for assessment of the mucosal surfaces within the nasal cavity with greater sensitivity.

**SEX**

FS

**AGE**

8 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Paws and Claws  
Urgent Care

**REFERRING VET**

Alexis Rambaud

**INVOICE**

49915

**DATE**

1-27-22





**PATIENT**

Meika Lodestro

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.

**SPECIES**

Canine

**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

**BREED**

Giant Schnauzer

**SEX**

FS

**AGE**

8 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Paws and Claws  
Urgent Care

**REFERRING VET**

Alexis Rambaud

**INVOICE**

49915

**DATE**

1-27-22