



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Oliver McBrine-Ellis

10 year old male neutered indoor DSH. Seen for second opinion on 3 year ongoing noisy respiration. On exam patient was dyspnic with marked upper respiratory sounds on inspiration and open mouthed breathing on expiration. Owner reports that Oliver is now sleeping with head elevated on pillow or owner's arm and has to be lying sternal otherwise has a hard to breathing. Patient does appear painful on palpation of face. Chest rads were done at family vet (we are trying to get a copy of them to send). Ddx: nasopharyngeal polyp, growth in sinus, laryngeal paralysis.

**SPECIES**

Feline

**BREED**

DSH

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

Plain and post contrast studies of the head in soft tissue and bone windows and plain and post contrast studies of the thorax in soft tissue and lung windows available for review.

**SEX**

MN

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

An ovoid irregular shaped and ill-defined soft tissue attenuating mass is obstructing the caudal nasal fundus and rostral nasal pharynx. The mass measures approximately 15mm in length, 12mm in width, and 5mm in height. Early aggressive bone lysis of the overlying pterygoid bone is seen. There is mild ventral deviation of the rostral soft palate. Occasional mucosal swelling and turbinate destruction is seen within both nasal cavities.

**AGE**

10 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The regional lymph nodes present within normal limits.

**Thorax**

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

**HOSPITAL NAME**

Animal Health  
Partners

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.

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

**REFERRING VET**

Dr. Westgarth

A mild generalized bronchial lung pattern and moderate positional atelectatic changes are seen. There is no evidence of interstitial pulmonary nodules or masses.

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

**INVOICE**

52111

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Rostral nasopharyngeal soft tissue mass with early aggressive bone lysis causing upper airway obstruction.
- Mild bilateral chronic rhinitis - likely unrelated to the presence of the mass.
- No evidence of otitis media.
- No evidence of regional lymphadenomegaly.

**DATE**

5-11-22



**PATIENT**

- No evidence of pulmonary metastatic disease.

Oliver McBriane-Ellis

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals upper airway obstruction by a rostral nasopharyngeal soft tissue mass. Nasopharyngeal soft tissue neoplasia such as lymphosarcoma, soft tissue sarcoma, or other is considered by far most likely. The findings are not typical for a polyp and no evidence of concurrent otitis media is seen. There is evidence of chronic bilateral rhinitis which, however, is unlikely to be related to the presence of the mass. Consider further definition by means of endoscopy and sampling if not performed already. At this time, there is no evidence of involvement of the regional lymph nodes or pulmonary metastatic disease.

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

10 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

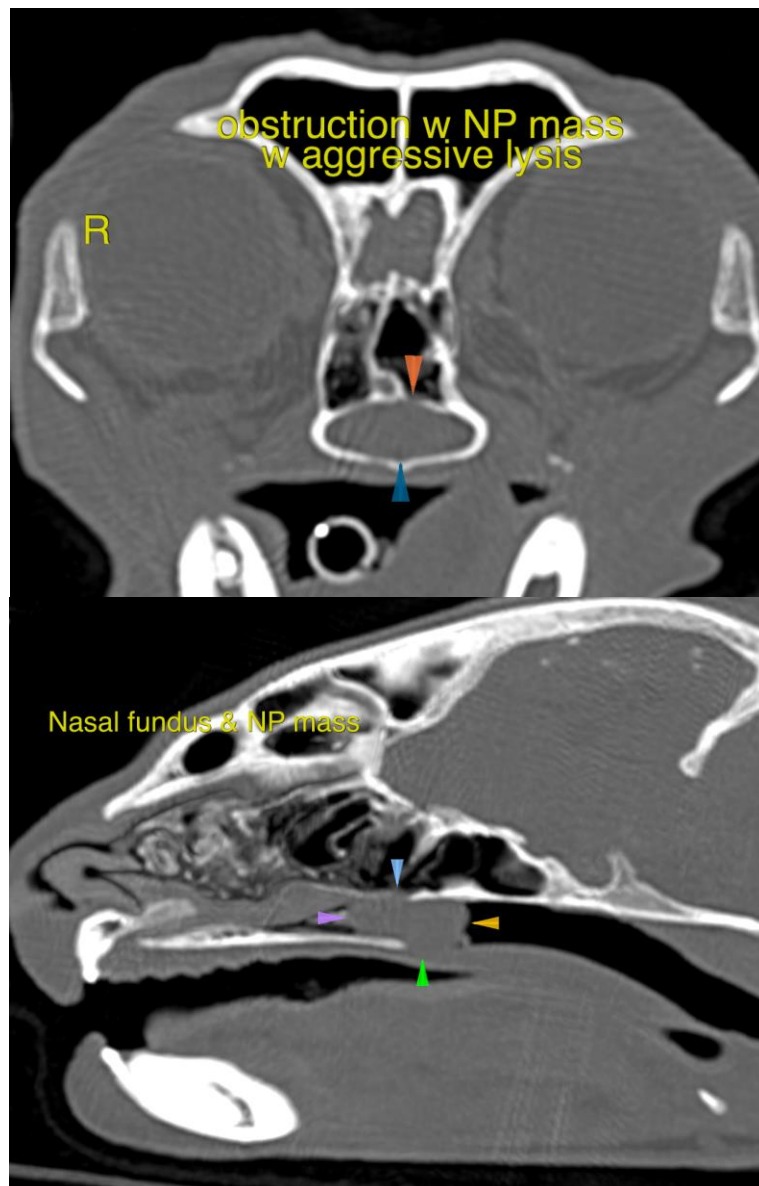
Dr. Westgarth

**INVOICE**

52111

**DATE**

5-11-22





**PATIENT**

Oliver McBrine-Ellis

**SPECIES**

Feline

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.

**BREED**

DSH

**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**

MN

**AGE**

10 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Westgarth

**INVOICE**

52111

**DATE**

5-11-22