



**PATIENT PRESENTING CLINICAL SIGNS**

Riley Brezinski History: Presented for left nasal discharge and swelling  
 Abnormal PE/Chem/CBC/UA Results: Elevated WBC(31.54k/ul), Ca 11.7 mg/dl, chol 52mg/dl

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

Feline **Head:**

**BREED** The neurocranium shows normal findings. There is severe multifocal to moth-eaten osteolysis on the left side recognized including the nasal, palatine, maxillary and frontal bone. The lamina to orbit is destroyed as well as parts of zygomatic arch. The lesions cross the midline to the right and present mass like appearance in the left nasal cavity with fluid accumulations. The left frontal sinus and the left bulla are completely obliterated.

DSH

**SEX** Borders to the cranial vault are respected, the skull shows mild and even hyperostosis.

Spayed Female The left medial mandibular muscles reveal diffuse enhancement. The left medial retropharyngeal lymph node is mildly enlarged.

**AGE** **Chest:**  
 9 Years

There is no evidence of pulmonary/mediastinal metastasis. Thoracic trachea and esophagus present as expected. Diaphragm is normal.

**INTERPRETED BY**

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging  
 The extra-thoracic soft tissues, thoracic spine as well as ribs and sternum are unremarkable. There is no evidence of bony lysis or abnormal sclerosis.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**HOSPITAL NAME**

- Highly aggressive lesion originating from the left nasal cavity
- Secondary otitis media and sinusitis on the left

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Dr. Runde CT findings are highly suspicious for a malignant neoplasia as commonly seen with nasal lymphoma, squamous cell carcinoma and nasal carcinoma. Biopsy is needed for further evaluation. Severe osteomyelitis with secondary nasal abscess due to bone infection is a differential diagnosis but unlikely. Currently borders to the cranial vault are respected.

**INVOICE**

12936

**DATE**

9/2/21



**PATIENT**

Riley Brezinski

**SPECIES**

Feline

**BREED**

DSH

**SEX**

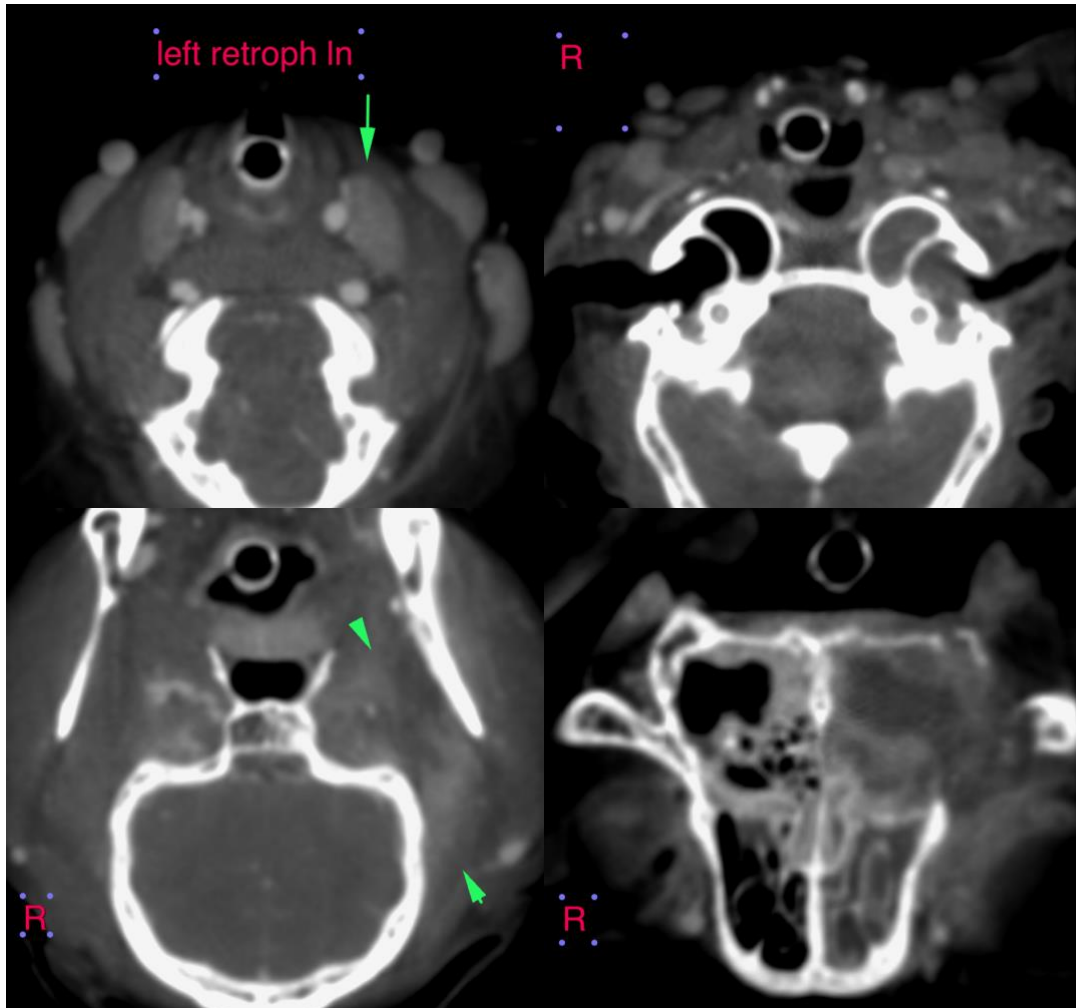
Spayed Female

**AGE**

9 Years

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet Specialist  
in Diagnostic Imaging



**HOSPITAL NAME**

Northeast VRH

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.

**REFERRING VET**

Dr. Runde

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging  
info@sonopath.com

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