



**PATIENT PRESENTING CLINICAL SIGNS**

**Prince Bagheera Muthurajah**  
 History: Patient seen for chronic upper respiratory discharge from nasal passages on 7/17/2021. Owner first noted the nasal discharge in May of 2021/ RDVM sent home scripts for marbofloxacin once daily for 3 weeks. Blood work normal feline leukemia/FIV negative.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Low lymphs 0.84 K/uL

**Feline COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

A high resolution pre- and post-contrast CT study of the skull is provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

**DSH**  
 The nasal cavity is occupied by an expansile uniform soft tissue attenuating and heterogeneous moderate contrast enhancing mass. Extensive destruction of the nasal conchal and turbinate structures is noted. The right nasal and maxillary bone present multifocal aggressive osteolytic lesions and the nasal mass is bulging moderately into the subcutaneous tissue. The mass is perforating the perpendicular plate of the right palatine bone protruding into the right orbit and distorting the right ocular bulb. The mass is extending caudally up into the rostral segment of the nasopharynx. The right premolar and molar teeth present lysis of the tooth roots. The cribriform plate is intact.

**SEX**

Neutered Male

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

10 Years

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

**INTERPRETED BY**

**Sebastian Schaub, DVM Dr. med. vet. DipECVDI**  
 The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME**

**Neel VH**  
 The lateral of the right mandibular lymph nodes is prominent, uniform soft tissue attenuating and contrast enhancing.  
 Ventral to the right jugular vein, focal swelling and fat stranding is seen – likely due to preceding fat-stranding.

**REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS**

**Dr. Deepan Kishore**

- Biologically aggressive soft tissue neoplasia nasal cavity, right>left, with perforation of the osseous margins of the nasal cavity and protrusion into the right orbit
- Lymphadenopathy right mandibular lymph node

**INVOICE**

13290

**DATE**

9/20/21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is a primary biologically aggressive nasal soft tissue neoplasia and potentials include lymphosarcoma, adenocarcinoma, squamous cell carcinoma, melanoma, other. Either rhinoscopy with biopsy or FNA sampling of the subcutaneous swelling at the dorsal aspect of the nasal cavity caused



**PATIENT**

Prince Bagheera Muthurajah

by the perforated osseous margins can be used as advanced diagnostic tests. The chances of radiation therapy can be discussed with oncologist based on results of the advanced diagnostic tests. The odds for metastatic spread to the lateral of the right mandibular lymph nodes are high.

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

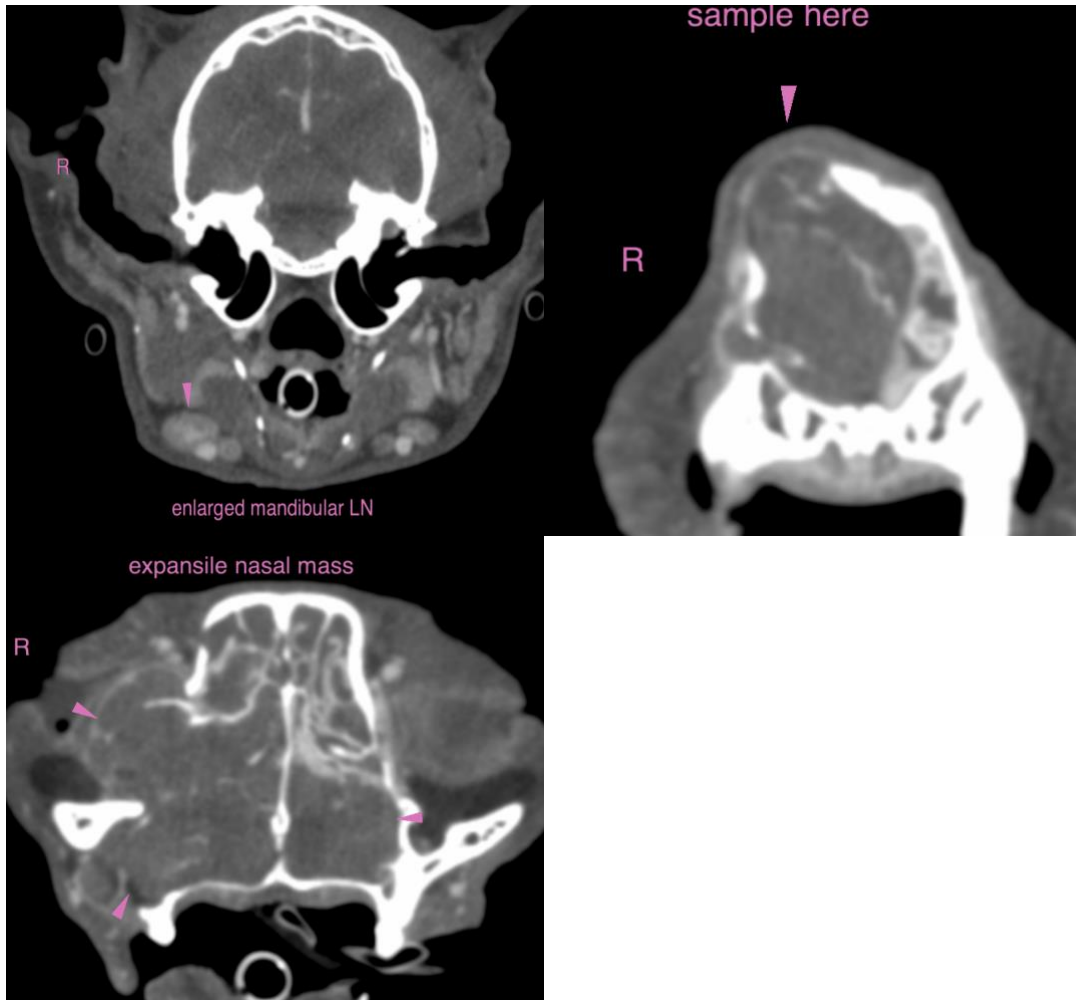
10 Years

**INTERPRETED BY**

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Neel VH



**REFERRING VET**

Dr. Deepan Kishore

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.

**INVOICE**

13290

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 Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**DATE**

9/20/21



**PATIENT**

Prince Bagheera  
Muthurajah

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

10 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Neel VH

**REFERRING VET**

Dr. Deepan Kishore

**INVOICE**

13290

**DATE**

9/20/21