


**PATIENT PRESENTING CLINICAL SIGNS**

Rocco Juers Patient has a history of mast cell tumors being removed in the past. About 2.5 weeks ago patient started having nose bleeds after sneezing that have progressed.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Biopsy samples of the tumor in the right nasal canal were collected following the CT for biopsy

Canine

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

**BREED** A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

American Bully

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Skull

A complex fracture of the crown of triadan 201 is appreciated.

Neutered Male

In the caudal aspect of the right nasal cavity, an amorphous soft tissue attenuating and moderate contrast enhancing mass is attached to the nasal turbinates. Mild destruction of the conchal structures is appreciated. The cribriform plate is intact.

**AGE**

8 Years 7 Months

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

**INTERPRETED BY**

Sebastian Schaub,  
 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 ear canals are within normal limits.

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**

Catskill Vet Services

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.

Thorax

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

**REFERRING VET**

Tri-State Vet Hospital

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

**INVOICE**

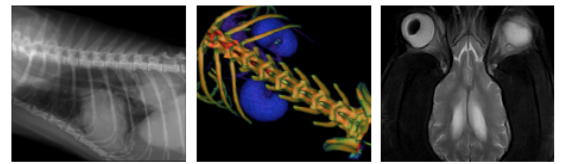
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The cardiovascular structures including the pulmonary vasculature are within normal limits. At the base of the heart, between the aortic arch and the left atrium, an irregular shaped, soft tissue attenuating structures is visible, measuring 2.5 x 2.0 x 2.0 cm.

**DATE**

8/9/23

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. The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization.



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

Rocco Juers

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- SPECIES**
- Amorphous soft tissue mass caudal aspect of the right nasal cavity
  - Right sided mild destructive rhinitis
  - Small heart base mass
  - Pulmonary osteomas
  - No evidence of pulmonary metastatic disease

Canine

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

American Bully

The right nasal soft tissue mass is highly concerning for primary nasal neoplasia – differentials include adenocarcinoma, squamous cell carcinoma, Sticker sarcoma, transitional cell carcinoma, lymphosarcoma, other. A potential for the right nasal mass is granuloma or adenomatoid nasal polyp/inflammatory pseudotumor – however, the odds are considered lower. Rhinoscopy including biopsy has already been performed. If neoplasia is confirmed, the Adam tumor stage is T1. Level with the base of the heart, a soft tissue mass is appreciated, suggestive for heart base mass – paraganglioma is most common. Potentials can include ectopic thyroid tumor or due to the position less likely enlarged lymph node.

**SEX**

Neutered Male

**AGE**

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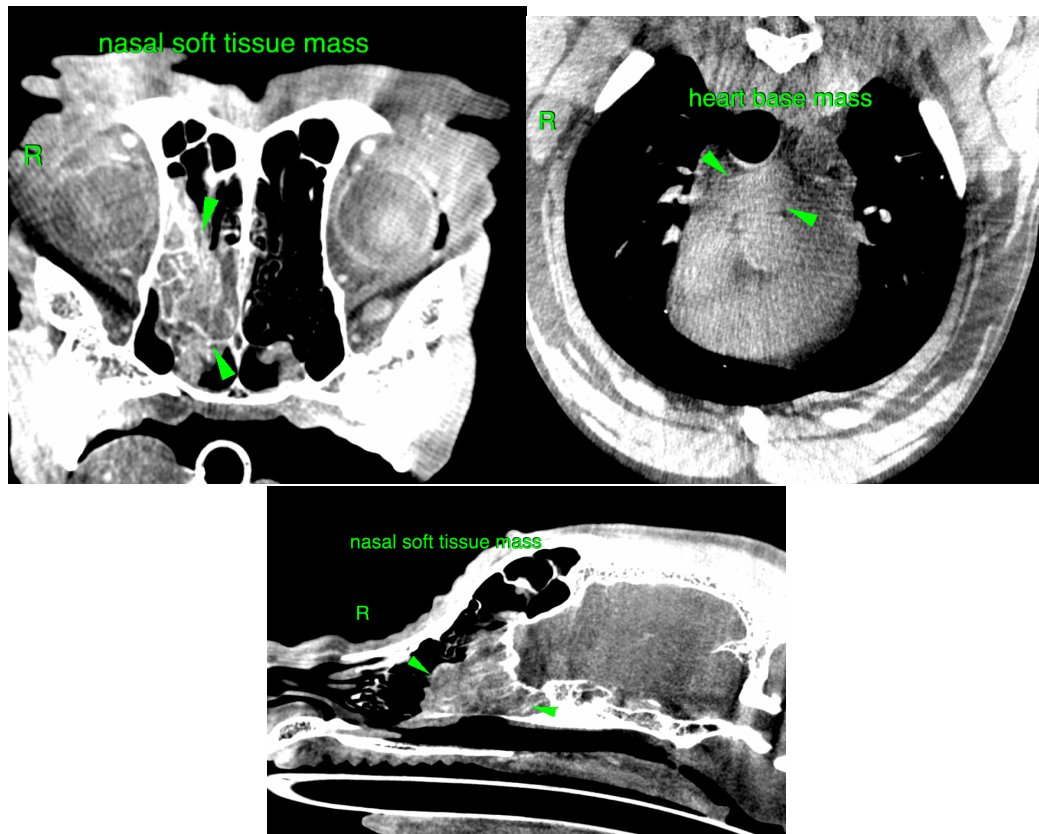
Tri-State Vet Hospital

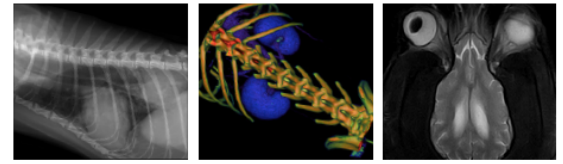
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**PATIENT**

Rocco Juers

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**

American Bully

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**SEX**

Neutered Male

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