



**PATIENT**

Blondie Watson

**PRESENTING CLINICAL SIGNS**

Acute onset unilateral epistaxis starting mid February bleeding small amount from right nostril, especially when sneezing No coughing. Sneezing daily at this time . Recent significant episode of epistaxis and brought up piece of tissue (histopathology pending). During rhinoscopy also flushed very large piece of necrotic appearing tissue (submitted for histopathology as well).  
Abnormal PE/Chem/CBC/UA Results: Coags normal

**SPECIES**

Canine

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

**BREED**

Lab Retriever

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

FS

**Head**

The CT study reveals an irregular shaped and ill-defined soft tissue mass within the mid third of the right nasal cavity. The mass measures approximately 5.5 cm in length, 3.0 cm in height, and 2.8 cm in width. Moderate nonuniform contrast enhancement is noted within the mass on the post-contrast study. Extensive regional turbinate destruction is seen as well as early aggressive bone lysis of the palatal and nasal bones. Partial lysis of the nasal septum is noted. The mass extends into the right maxillary sinus and nasal fundus. There is no evidence of intracranial extension. The caudal third of the right nasal cavity and right frontal sinus are mostly filled with fluid attenuating contrast negative material. Fluid attenuating material is noted within the right nostril. The cribriform plate is intact.

**AGE**

6

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes present within normal limits.

A tooth root remnant of the triadan 202 is seen.

**HOSPITAL NAME**

Animal Health  
Partners

**Thorax**

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.

**REFERRING VET**

Shannon Westgarth

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.

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The lung parenchyma presents the expected architecture and attenuation behavior.

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

**DATE**

3-29-22



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass with aggressive biological behavior in the right nasal cavity.
- Secondary obstructive right rhinosinusitis.
- No evidence of regional lymphadenomegaly.
- No evidence of pulmonary metastatic disease.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with a malignant neoplasia within the right nasal cavity. Differential diagnosis includes adenocarcinoma, other carcinoma, soft tissue sarcoma, and lymphosarcoma. Final diagnosis will require sampling for histology which could be considered should the owner be interested in pursuing palliative tumor treatment.

**BREED**

Lab Retriever

**SEX**

FS

**AGE**

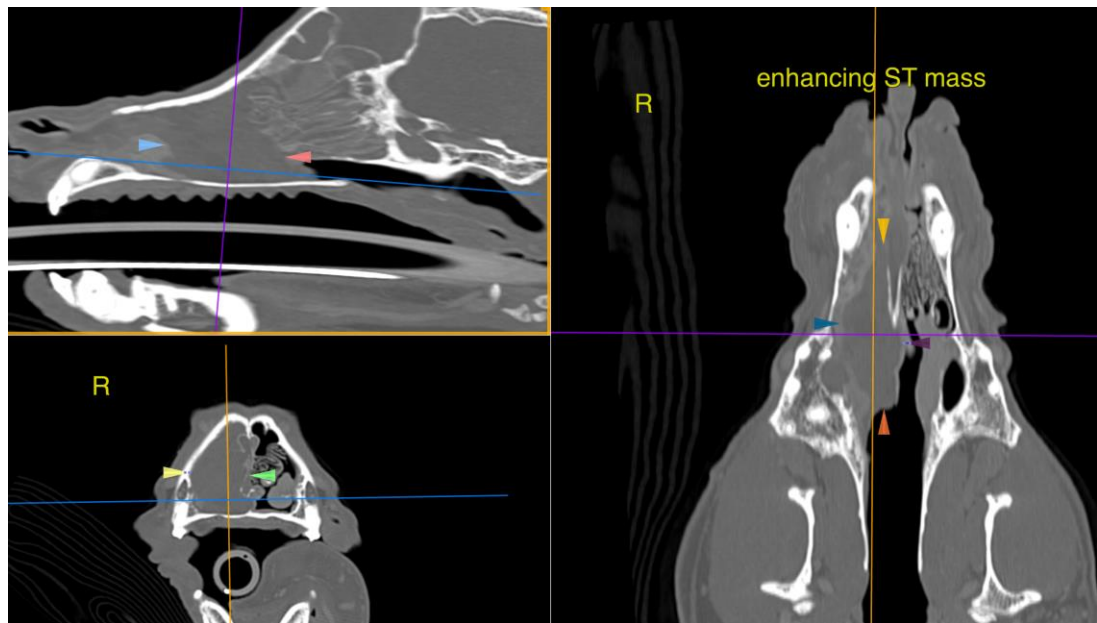
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**REFERRING VET**

Shannon Westgarth

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.

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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.

**DATE**

3-29-22

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