



**PATIENT PRESENTING CLINICAL SIGNS**

Rango Barnes 6/19/23 - Patient has had a chronic cough since owner got him as a puppy. Patient has had aspiration pneumonia several times throughout his life and normally gets a round of antibiotics that clears it up for 2-3 months. This time around the medications have not cleared the cough and owner would like to try and find out why patient is having chronic pulmonary issues. Patient finished his most recent round of medications 3 days ago (Ciprofloxacin and Amoxicillin). Rango is e/d/u/d normal with no v/d. Patient is sneezing and has a wet cough that is sometimes productive. Rango does not go to the groomer, daycare, boarding, dog parks, or anywhere of that nature per owner. 6/1/23 - Pneumonia treated with Cipro and amoxicillin 4/14/23 - suspect Pneumonia treat with cipro and amox 1/27/23 - Pneumonia pred cipro amox  
 Abnormal PE/Chem/CBC/UA Results: High- Glob, retics, MPV, Monos

**SPECIES**

Canine

**BREED**

Aust Shep

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

**SEX**

Plain and post contrast studies available for review.

Male

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head & Neck**

**AGE**

Mild lateral ventriculomegaly of the brain is seen without evidence of active distension of the ventricles.

2 Years, 10 Months

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

There is moderate mucosal swelling within the bilateral nasal cavities. Mild fluid accumulation is seen within the bilateral nasal cavities and frontal sinuses. Moderate multifocal turbinate destruction is seen, L>R.

The bilateral submandibular, medial retropharyngeal, and cervical lymph nodes present mild enlargement.

**HOSPITAL NAME**

Neel Veterinary Hospital

The cervical and thoracic trachea present within normal limits.

There is no evidence of esophageal dilation.

**Thorax**

**REFERRING VET**

Dr. Ellen Domnick

The sternal and cranial mediastinal lymph nodes are mildly enlarged.

A severe ventral alveolar infiltrate with air bronchograms and maintained pulmonary volume is seen throughout the entire right and left lung. Multifocal interstitial and peribronchial consolidations are seen.

**INVOICE**

58927

There is no evidence of pleural effusion. No significant pleural thickening is seen.

No evidence of abnormal content is seen within the main lobar bronchi.

**DATE**

6-19-23

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Severe ventrally accentuated alveolar lung pattern with multifocal interstitial consolidations.
- Moderate to severe chronic bilateral destructive rhinosinusitis.



**PATIENT**

Rango Barnes

- Bilateral submandibular, retropharyngeal, cervical, sternal, and cranial mediastinal lymphadenomegaly.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

Canine

The CT findings are compatible with the history of recurring pneumonia and strongly support the presence of pneumonia with potential small multifocal interstitial abscessation.

**BREED**

Aust Shep

The findings of the nasal cavities suggest chronic destructive rhinosinusitis. Bacterial infection is considered likely based on the CT findings. However, mycobacterial and fungal infection such as with aspergillus, coccidiosis, cryptococcus, or other cannot be ruled out and further definition by means of upper and lower airway endoscopy with airway sampling is strongly recommended if not performed already.

**SEX**

Male

The lymph node changes are compatible with lymphadenitis.

**AGE**

2 Years, 10 Months

**INTERPRETED BY**

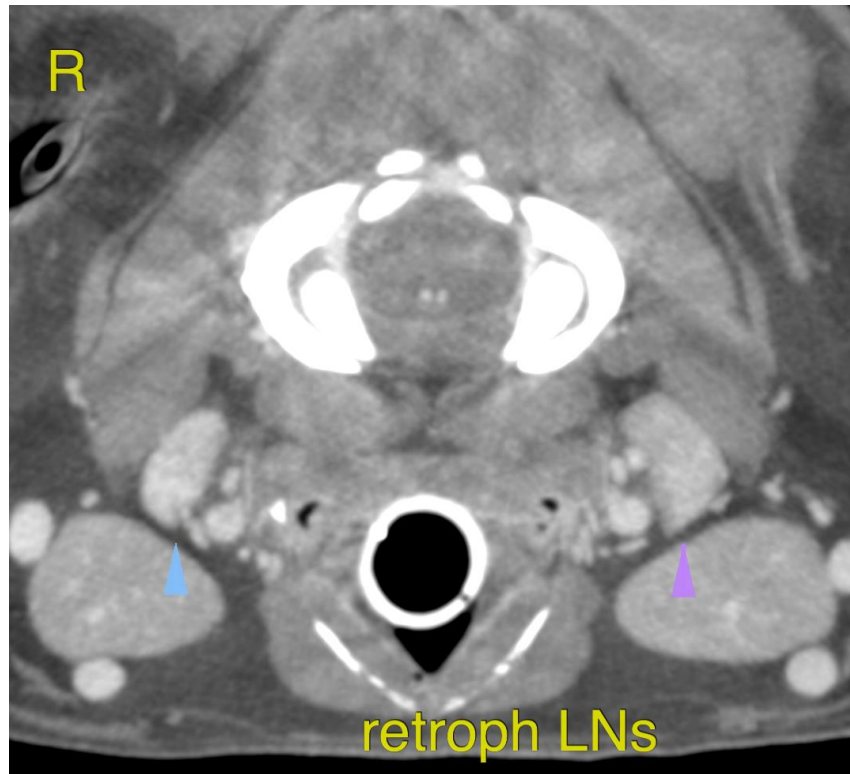
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Hospital

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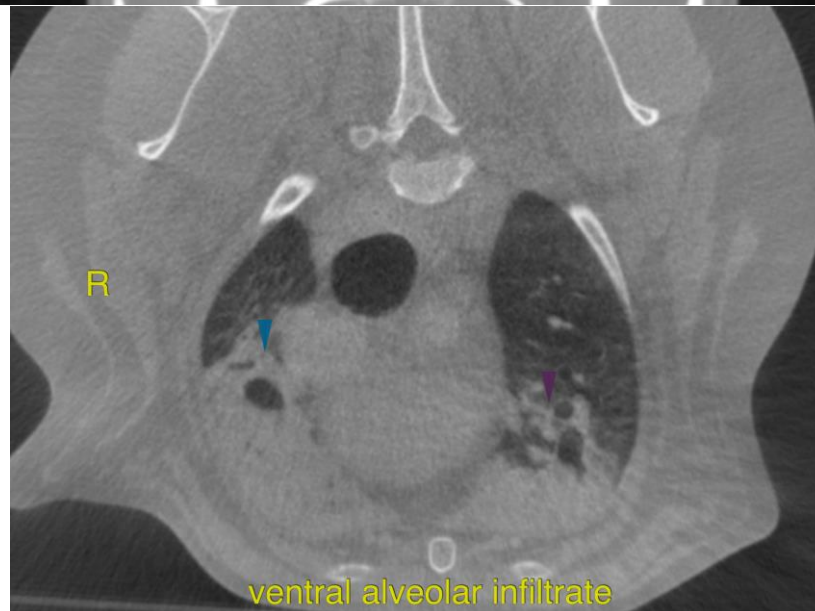
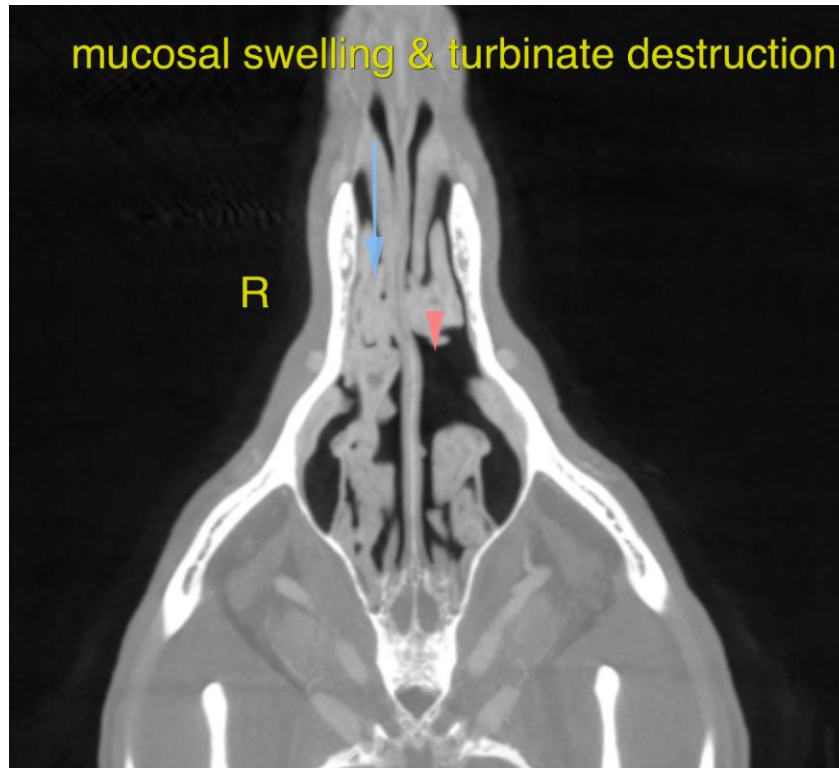
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**PATIENT**

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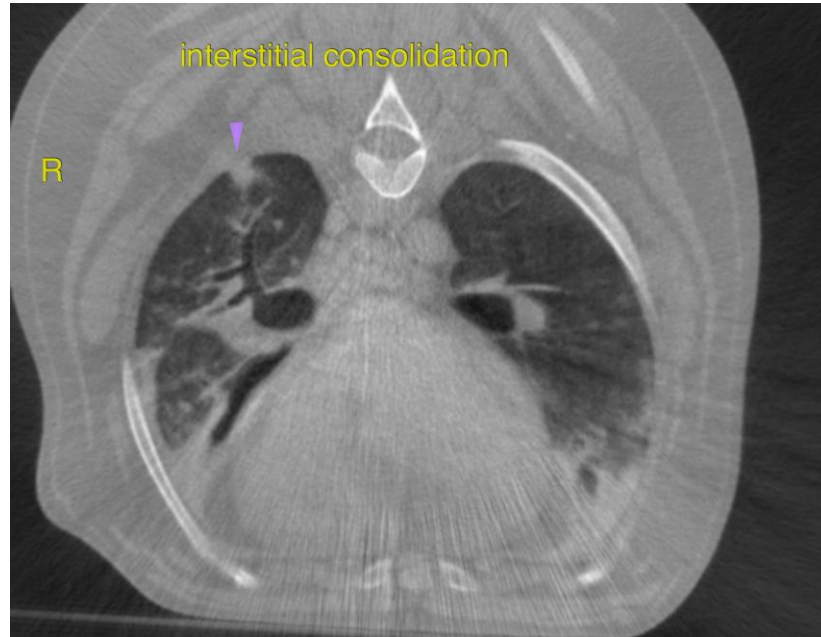
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**DATE**

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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.

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