

**PATIENT PRESENTING CLINICAL SIGNS**

Summer Franco Hx of hacking cough followed by nasal passage obstruction/congestion, not resolving with antibiotics or steroid therapy.  
Abnormal PE/Chem/CBC/UA Results: BCS 7/9

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

Canine Plain and post contrast studies of the head and post contrast study of the thorax available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Border Collie Mix **Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

Spayed Female

An area of regional mucosal swelling is noted within the mid third of the right nasal cavity. No evidence of turbinate destruction, foreign material, or a soft tissue mass is seen. The remainder of the right and left nasal cavities present within normal limits.

**AGE**

4 Years

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

**INTERPRETED BY**

Nele Eley (Ondreka),  
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 auditory meatuses present within normal limits.

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.

**HOSPITAL NAME**

Mobile Pet Imaging

The salivary glands present within normal limits.

The visible dentition is within normal limits.

**Thorax**

**REFERRING VET**

Meaux

There appears to be mild generalized swelling of the laryngeal soft tissues.

There may be mild flattening of the cervical trachea, however, no overt collapse is seen.

**INVOICE**

57623

Mild generalized increase in interstitial pulmonary attenuation is noted with even distribution throughout the lung.

**DATE**

4-4-23

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mild nondestructive rhinitis of the right nasal cavity.
- Redundancy of the dorsal tracheal ligament versus dynamic tracheal disease.
- Suspect laryngitis versus laryngeal edema.



**PATIENT**

- Anesthesia related increase in interstitial attenuation versus interstitial lung disease.

Summer Franco

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

An overt cause for the patient's clinical signs is not directly seen. All CT findings are subtle.

**SPECIES**

Canine

There appears to be mild nondestructive rhinitis confined to the right nasal cavity. Irritant, lymphoplasmacytic, and allergic rhinitis as well as infectious rhinitis are a potential. Regional nasal hemorrhage cannot be ruled out entirely as a differential diagnosis. Correlation with the clinical findings recommended.

**BREED**

Border Collie Mix

The soft tissue swelling of the larynx may represent laryngitis or edema which can also occur in conjunction with the endotracheal tubing.

**SEX**

Spayed Female

The possibility of dynamic tracheal disease should be considered. Further definition by means of endoscopy of the upper and lower airways could be prudent in this patient.

**AGE**

4 Years

The findings of the lung are subtle and likely to be related to the general anesthesia. However, interstitial pneumonia and diffuse interstitial edema or unclassified interstitial lung disease including emerging fibrosis can never be ruled out entirely.

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**REFERRING VET**

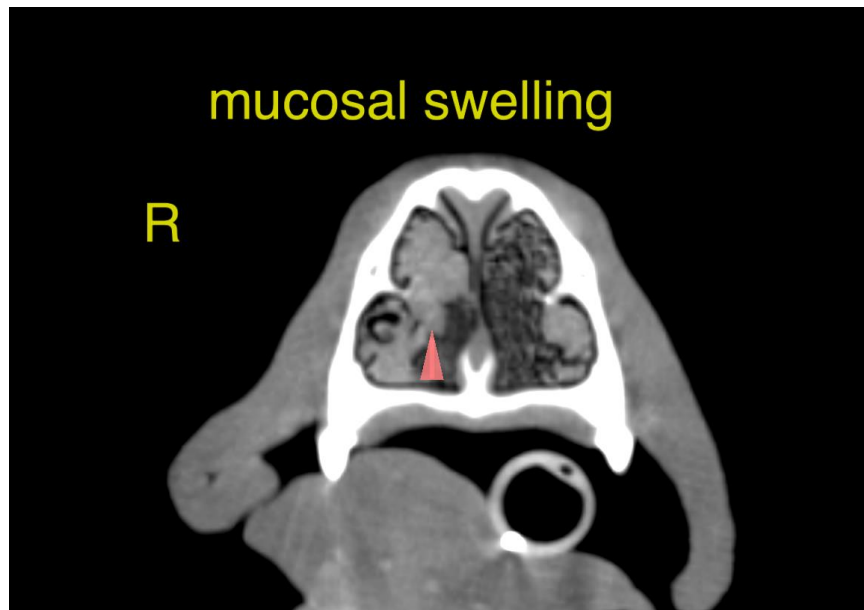
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**PATIENT**

Summer Franco

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**

Border Collie Mix

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**SEX**

Spayed Female

**AGE**

4 Years

**INTERPRETED BY**

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DVM Dr. med. vet.,  
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