



**PATIENT PRESENTING CLINICAL SIGNS**

Ivy Kranics  
 Owner reported history of excessive sneezing on a daily basis and frequent coughing. Usually starts with coughing and ends with strong sneezing multiple times per day. Noticed a hacking cough in the hospital, especially when palpating the trachea. Owner tried different antibiotics with the previous vet and after doing nasal swab and culture tried specific antibiotic which seemed to work but relapse happened after. Need to rule out rhinitis or sinusitis or airway problem.

**SPECIES**

Canine

**BREED**

Mixed

**RADIOGRAPHIC STUDY OF THE HEAD & THORAX**

Lateral and orthogonal views of the head and right/left lateral and ventrodorsal views of the thorax totaling 11 images available for review.

**RADIOGRAPHIC FINDINGS**

**SEX**

Female Spayed

**Head**

The airways of the nasal passages and frontal sinuses are aerated. There is no evidence of fluid accumulation of increased soft tissue opacity. The nasal turbinates and conchae appear to be intact.

**AGE**

19 Months

The tympanic bullae present thin-walled and aerated.

Mild redundancy of the dorsal tracheal ligament of the caudal cervical trachea is seen as well as mild esophageal and gastric aerophagia.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

**Thorax**

The surrounding bony structures are within normal limits.

**HOSPITAL NAME**

Truscott Animal Hospital

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**REFERRING VET**

Medhat Meawad

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

**INVOICE**

51500

Mild generalized bronchial wall enhancement is seen with even distribution throughout the lung.

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

**DATE**

4-12-22

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.



**PATIENT**

Ivy Kranics

**RADIOGRAPHIC DIAGNOSIS**

- Normal radiographic presentation of the upper airways.
- Mild diffuse bronchial lung pattern.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic presentation of the nasal cavities and paranasal sinuses is within normal radiographic limits. Mild fluid accumulation and/or mucosal swelling cannot be ruled out entirely which renders inflammatory/infectious disease still a potential.

**BREED**

Mixed

The bronchial lung pattern is mild, however, appears to be significant for a 19-month-old dog and irritant/allergic lower airway disease is one potential underlying cause as well as canine infectious respiratory disease complex.

**SEX**

Female Spayed

Consider airway endoscopy with sampling for further definition in case of persisting clinical signs.

**AGE**

19 Months



**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Truscott Animal  
Hospital

**REFERRING VET**

Medhat Meawad

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.

**INVOICE**

51500

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**

4-12-22

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