



**PATIENT PRESENTING CLINICAL SIGNS**

Chester-Lord Chester  
of Cornwell Thoresen

History: Seen 12/15 with 1 week history of panting and congestion. WBC 9.6k glob 4.0, alb 2.6. Good response to abx. XRAYs 12/27

**SPECIES**

Canine

The body condition score is 7/9 with smooth alternating layers of fat and soft tissue opacity.

The dorsal spinous process (DSP) of T2 shows a generalized reduced opacity compared to the adjacent ones; all of which are superimposed by both scapulae.

**BREED**

English Bulldog

A generalized loss of clear vascular outline with bronchial enhancement is present on the lateral views. The right middle and ventro-caudal lobes show relatively well demarcated regions of homogeneously increased opacity into which air-filled bronchi are extending. The immediate surrounding parenchyma shows a loss of clear vascular outline and highlighting of bronchi on the VD view, whereas the other lobes, especially on the left, have a physiological vascular visibility.

**SEX**

Male

The cranial mediastinum is of physiological size and opacity. The trachea runs parallel to the thoracic vertebrae and dips at the carina. A small amount of air is located in the esophagus.

**AGE**

11.5 Years

The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces (VHS 10). No chamber or outflow tract enlargement is evident.

**RADIOGRAPHIC DIAGNOSIS**

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

- Alveolar infiltrate right middle and caudo-ventral lobes
- Generalized interstitial pattern
- Reduced opacity DSP T2

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**HOSPITAL NAME**

Veterinary Care  
Center (Mercerville,  
NJ)

The localized changes are suggestive of an aspiration pneumonia with central alveolar and peripheral interstitial infiltrate. Causes for this include esophageal motility disorders, laryngeal paralysis and BOAS. Inhaled foreign bodies such as a feather or a blade of grass can also be a reason but usually only one lobe is affected. However, once antibiotics are discontinued, the animal should be monitored for a relapse which will require bronchoscopic examination to rule out a foreign object. A generalized interstitial pattern on both lateral views is often seen in dogs with BOAS and is due to incomplete filling of the air spaces rather than a pathological infiltrate.

**REFERRING VET**

Dr. Horn

The reduced opacity of the DSP may represent an artefact, could be due to primary poor calcification and would thus be physiological, or could represent bone resorption e.g., due to a tumor. This region should be re-assessed if further radiographs are obtained. Manual palpation should be able to elicit pain if it were indeed a destructive lesion.

**INVOICE**

14067

**DATE**

2/24/22



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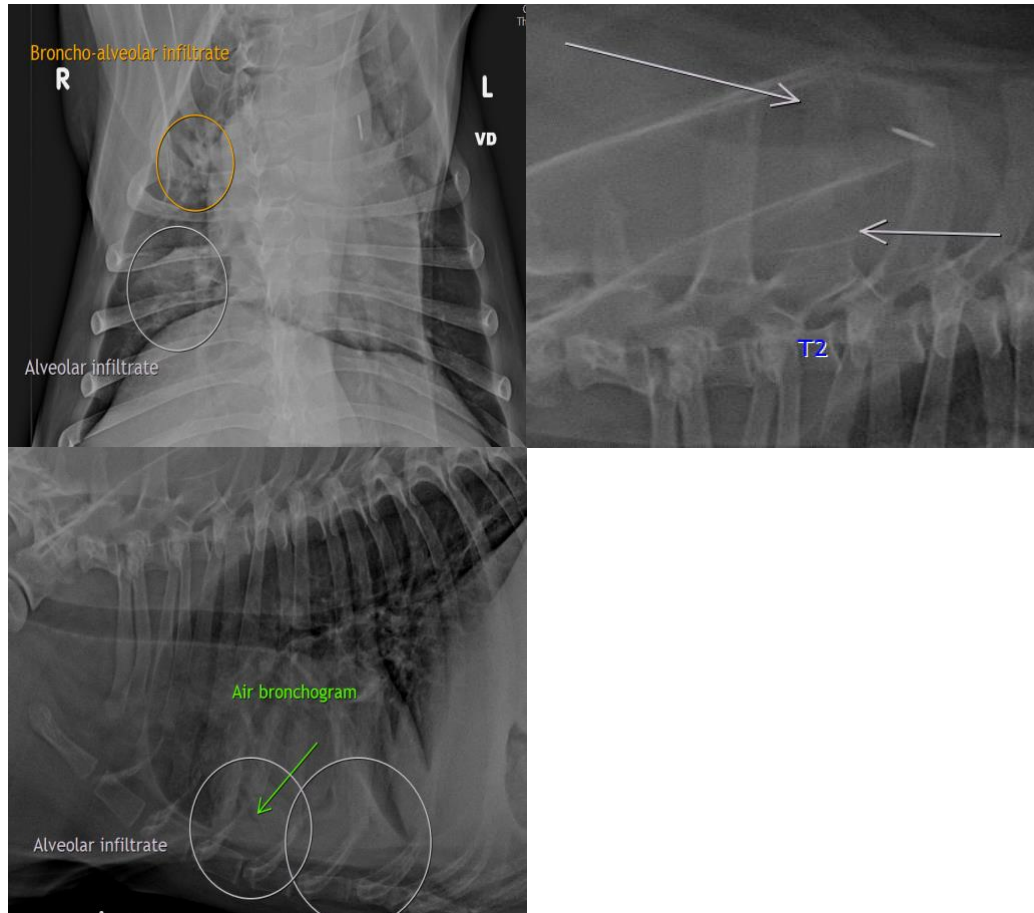
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

**Heike Rudolf**, DVM, Dr. med. vet., DipECVDI, DVR  
dr.h.rudorf@gmail.com



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