



**PATIENT PRESENTING CLINICAL SIGNS**

Tucker Wallace  
 Chronic cough (2-3 years) that has worsened substantially over the past 3-5 days. Dog coughs constantly except when laying down and resting. Coughs even when walking out to u/d. Owners smoke in their garage and dog does go in there with them. Otherwise no air fresheners, diffusers, ect. Previously diagnosed with tracheobronchitis, last rads ~5 months ago. Currently on prednisolone 5mg SID PO and theophylline 50mg BID PO.

**SPECIES**

Canine  
 Abnormal PE/Chem/CBC/UA Results: No heart murmur identified today or previously. Loud lung sounds (no crackles or wheezes) ventrally on both sides and consistent loud, dry coughing. T: 38.1. Many lipomas, including one large one on L lateral thorax.

**BREED**

Jack Russell

**RADIOGRAPHIC STUDY OF THE THORAX**

Right/left lateral and ventrodorsal views totaling 3 images available for review.

**SEX**

MN

**RADIOGRAPHIC FINDINGS**

A large subcutaneous fat opaque mass is seen outside of the thorax in the left thoracic wall.

**AGE**

13 Years

The degree of pulmonary inflation is fair on all available images. Moderate generalized bronchointerstitial lung pattern is noted with marked peribronchial cuffing and cylindrical as well as saccular peripheral bronchiectasis.

Mild esophageal aerophagia is seen.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

The width of the trachea is within normal limits on the left lateral view; however, on the right lateral view, moderate to severe collapse of the cervical trachea is seen accentuating the thoracic inlet.

Mild generalized enlargement of the liver is noted.

**HOSPITAL NAME**

Lomsnes Veterinary  
 Hospital

The stomach is post-prandial.

Fat opaque masses appears to be present in the cranioventral abdominal wall.

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. Tara Snow

- Dynamic cervical tracheal collapse.
- Moderate chronic active lower airway pattern with bronchiectasis.
- Hepatomegaly.
- Thoracic and abdominal wall lipomas.

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographs indicate the patient is suffering from chronic lower airway disease with irreversible changes to the bronchial walls as expressed in bronchiectasis which typically is associated with decreased mucociliary clearance. Consider chronic allergic/irritant bronchitis a potential as well as infectious bronchitis including viral, bacterial, parasitic, and less likely protozoal.

**DATE**

10-4-21

Furthermore, there is dynamic tracheal collapse which appears to be severe and affecting the



**PATIENT**

cervical trachea.

Tucker Wallace

Differential diagnosis for the hepatomegaly includes diffuse metabolic/endocrine hepatopathy. Neoplastic or inflammatory infiltrate is thought less likely. Correlate with the laboratory values.

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**REFERRING VET**

Dr. Tara Snow

**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.**

**INVOICE**

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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**

10-4-21

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