



**PATIENT PRESENTING CLINICAL SIGNS**

**Bella Gutierrez**  
Reason for Visit: hack/cough History: 9y old SF Lab presents for hacking and coughing  
Abnormal PE/Chem/CBC/UA Results: CV/Respiratory: Normal heart rate and rhythm, no obvious murmur, pulses strong and synchronous, sl increased bronchovesicular sounds. Panting. Stertor sound while panting EENT: Clear OU and AU. No nasal discharge. No cough on tracheal palpation. Oral cavity: Mild to moderate dental tartar Musculoskeletal: BCS = 8/9. Ambulatory x 4. Moderate muscle atrophy on rear limbs, hard time getting up. Full ortho exam not performed. Uro/Perineum: No significant lesions Abd/GI: Soft, non-painful. No masses or fluid wave palpated Lymph Nodes: No peripheral lymphadenopathy Neurological: Alert and appropriate. No significant abnormalities Skin: Good hair coat. No ectoparasites seen Mentation: BAR Hydration: N

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

SF

**AGE**

9 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

DPC Veterinary Hospital

**REFERRING VET**

Dr. Rivera

**INVOICE**

53015

**DATE**

7-21-22

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**RADIOGRAPHIC FINDINGS**

Both shoulders present mild osteoarthritic changes.

A collapsing cervical trachea is seen on the left lateral view. Redundancy of the dorsal tracheal ligament is noted on the right lateral view. The degree of collapse appears to be moderate however, the radiographic impression of collapse may be enhanced by the presence of enfolding dorsal tracheal ligament. No evidence of concurrent bronchial collapse is seen.

The lung presents a moderate generalized bronchointerstitial lung pattern which is evenly distributed throughout all lung lobes and concurred by multifocal mild cylindrical bronchiectasis.

No radiographic evidence of cardiovascular pathology is seen. The vertebral heart score is 10.2.

No abnormal mediastinal widening is seen.

**RADIOGRAPHIC DIAGNOSIS**

- Moderate bronchointerstitial lung pattern with multifocal cylindrical bronchiectasis.
- Suspect dynamic tracheal collapse.
- No radiographic evidence of cardiovascular pathology.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The presentation of the lung suggests potential for chronic lower airway disease with cylindrical bronchiectasis. Differential diagnosis includes eosinophilic / allergic bronchopneumopathy versus infectious bronchitis including viral, bacterial, or parasitic. The cylindrical bronchiectasis may be associated with decreased mucociliary clearance and predispose to recurrent inflammation or superinfection.

The significance of the tracheal changes requires clinical correlation.

Airway endoscopy with sampling would be ideal for further definition in this patient.



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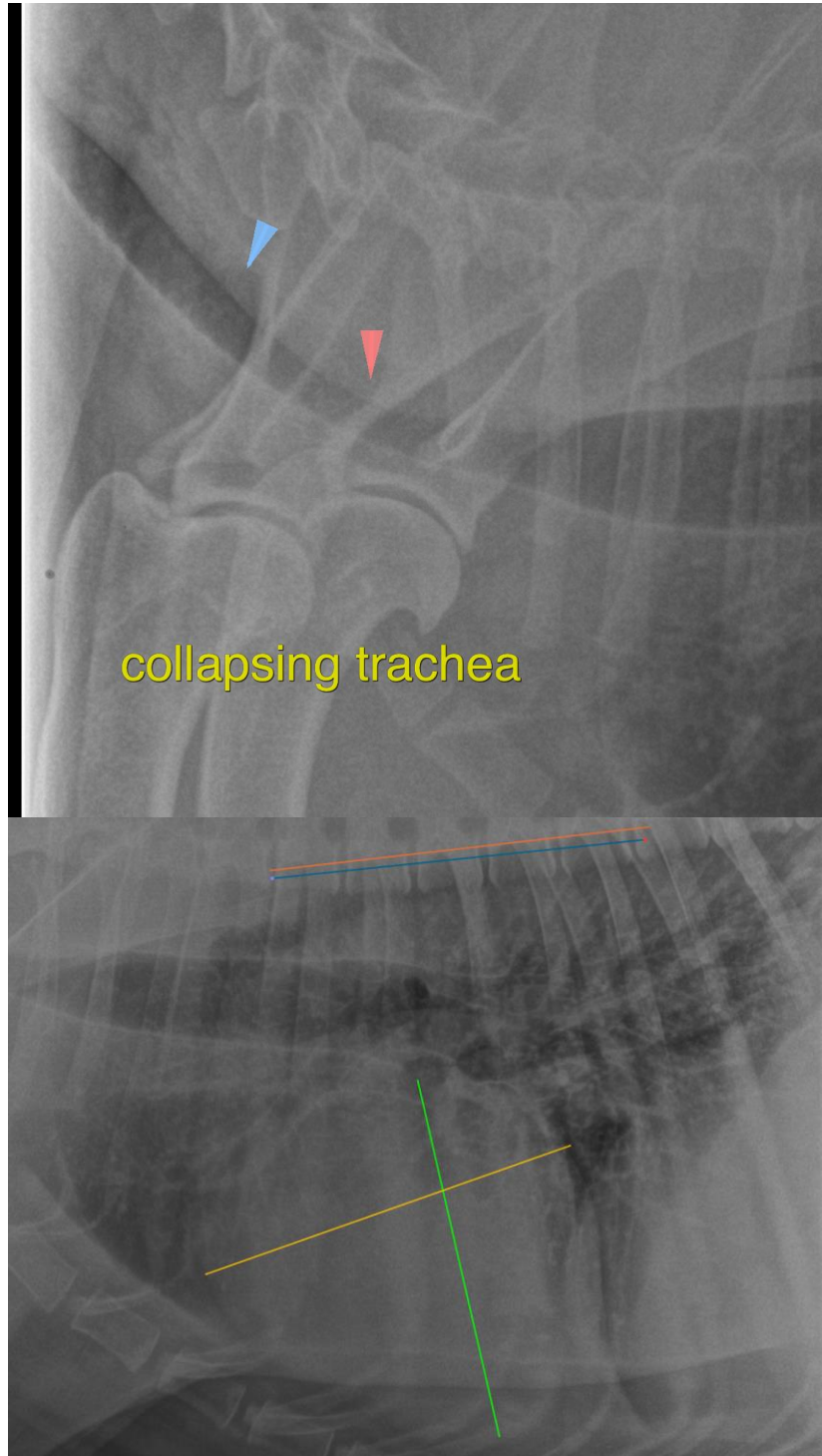
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**PATIENT**

Bella Gutierrez

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.

**SPECIES**

Canine

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