



**PATIENT PRESENTING CLINICAL SIGNS**

**Ava Howell**  
Reason for Visit: COUGHING History: 7YR OLD SPAYED CHIHUAHUA PRESENTED FOR COUGHING AND REDNESS IN LEFT EYE. OWNER BATHED PET YESTERDAY AFTER NOTING SOME RANDOM BLOOD ON THE BLOOD AND IS WORRIED SHE COUGH COLD FROM BEING OUTSIDE IN THE COLD WEATHER. ALSO NOTED SOME "BLOOD" RELATED TO HER LEFT EYE. PET WAS CHEWING ON A BONE THAT USUALLY HER BIG DOGS EAT.

**SPECIES**

**Canine**  
Abnormal PE/Chem/CBC/UA Results: CV/Respiratory: Normal heart rate and rhythm, no murmur, pulses strong and synchronous, normal bronchovesicular sounds. EENT: Clear OU- see skin notes. Clear AU. No nasal discharge. Dry, "honking" non-productive cough on tracheal palpation. Oral cavity: Moderate dental tartar, ~1cm area of bruising, ulcerated on mid-R side of tongue. Musculoskeletal: BCS = 7.5-8/9. Ambulatory x 4. Bilateral grade 2-3/4 MPLs

**BREED**

**Chihuahua**  
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: Mild periocular brown crusting discharge. Dried crust on R side of mouth and RF paw. Good hair coat. No ectoparasites seen Mentation: BAR Hydration: N

**SEX**

SF

**RADIOGRAPHIC STUDY OF THE THORAX**

Right lateral and ventrodorsal views totaling 2 images available for review.

**AGE**

7 Years, 1 Month

**RADIOGRAPHIC FINDINGS**

The patient is obese.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The cranial mediastinum appears to be widened by a soft tissue opacity.

Both the cervical and thoracic trachea present severe collapse on the right lateral view.

The degree of pulmonary inflation is fair. The pulmonary parenchyma and bronchial tree present within age related normal limits.

**HOSPITAL NAME**

DPC Veterinary  
Hospital

No significant cardiomegaly or cardiac chamber enlargement is seen.

There is moderate gastric aerophagia.

**REFERRING VET**

Dr. Rivera

**RADIOGRAPHIC DIAGNOSIS**

- Severe tracheal collapse.
- Suspect cranioventral mediastinal mass effect.
- Normal age related lung.
- No evidence of cardiovascular pathology.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals evidence of dynamic tracheal disease. The tracheal collapse appears to be severe and effects both the cervical and thoracic trachea. The lumen of the trachea is nearly completely collapsed level with the thoracic inlet.

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1-19-22

The cranial mediastinum is widened by a soft tissue opacity. Differential diagnosis includes cranioventral mediastinal mass such as lymphoma, thymic lymphoma, thymoma, and other as well



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as mediastinal fat. Consider further definition by means of ultrasound or CT.

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**REFERRING VET**

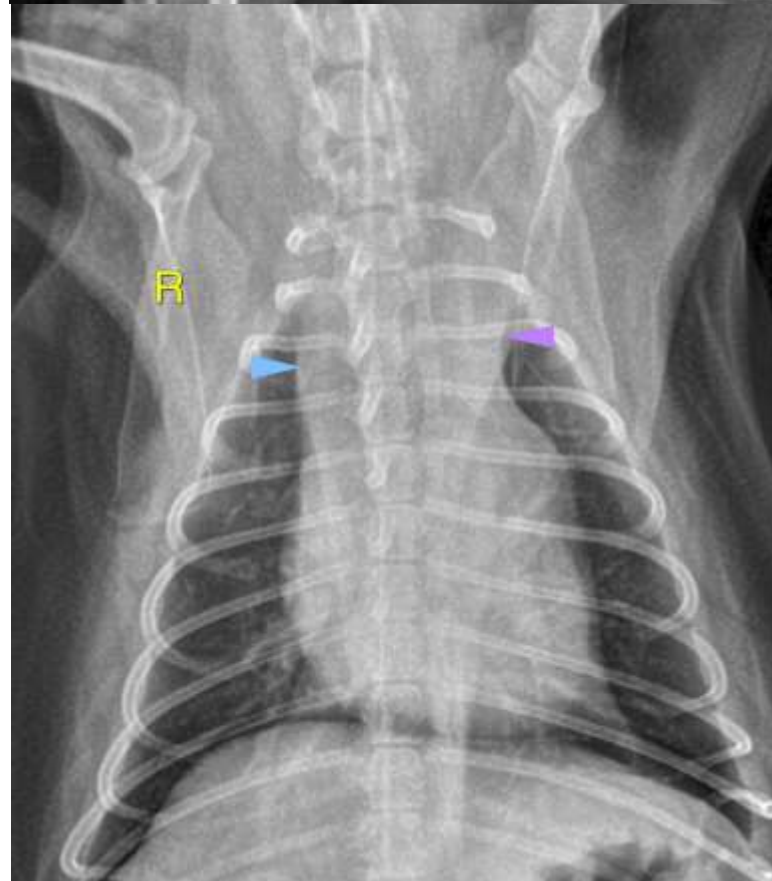
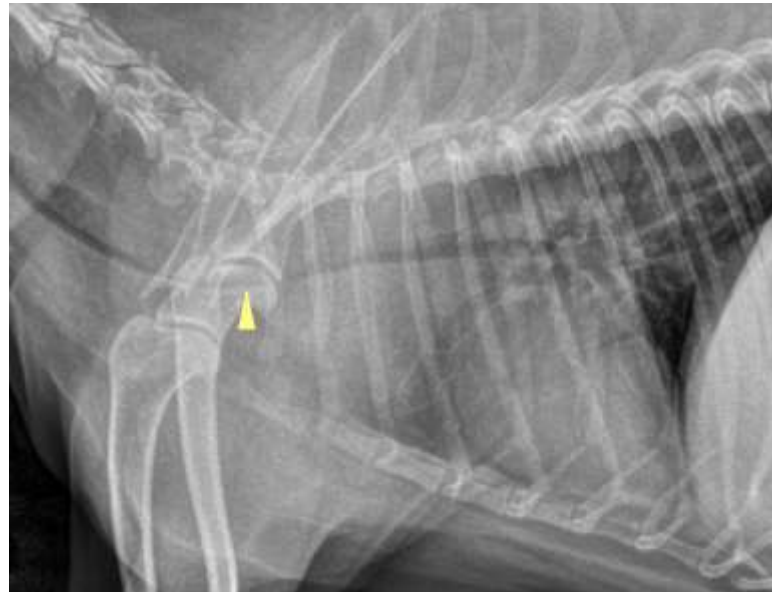
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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**

Chihuahua

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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