



**PATIENT**

Bruno Ruiz

**PRESENTING CLINICAL SIGNS**

Chronic coughing. Blood work ALT increased. Patient was on Tussionex 0.2mL PO BID  
 Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- ALT increased  
 Abdominal Ultrasound was performed on 7/6/2023 --- report is PENDING

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX**

Plain and post contrast studies available for review.

**BREED**

Chihuahua

**COMPUTED TOMOGRAPHIC FINDINGS**

The patient is scanned in dorsal recumbent position.

Early T6/7 spondylosis deformans is seen.

**SEX**

Multiple subcutaneous soft tissue nodules are seen in the thoracic wall.

**NM**

The mediastinal lymph nodes present within normal limits.

**AGE**

17 Years

The degree of pulmonary inflation is fair. A mild generalized increase in interstitial attenuation is seen. Peribronchial interstitial attenuation with loss of pulmonary volume is seen in the dorsal aspect of the left cranial lung lobe (cranial subsegment only).

Moderate generalized bronchial wall enhancement with multifocal cylindrical bronchiectasis is noted.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

Mild precarinal tracheal collapse and grade 1 collapse of the right main stem bronchus and grade 2 collapse left main stem bronchus is seen. The wall of the main lobar bronchi is irregular in thickness.

**HOSPITAL NAME**

Veterinary Image  
 Center

No significant cardiovascular changes are noted.

The liver appears to be enlarged.

A moderate amount of mineral attenuating sediment is seen within the gallbladder in a gravity dependent position.

**REFERRING VET**

Dr. JL. Sosa, DVM

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate chronic bronchial lung pattern with multiple cylindrical bronchiectasis and bronchial collapse.
- Gallbladder microlithiasis.
- Hepatomegaly.
- Subcutaneous nodules.

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

7-6-23

The CT findings are highly suggestive for chronic lower airway disease such as eosinophilic / allergic bronchopneumopathy or infectious bronchitis. Degenerative bronchomalacia with dynamic bronchial collapse may play a role as well. The presence of bronchiectasis is typically



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associated with reduced mucociliary clearance rates and can predispose to recurrent inflammation or superinfection.

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The changes within the left cranial lung lobe are compatible with hydrostatic atelectasis. A pneumonic infiltrate cannot be ruled out entirely but is thought by far less likely. Neoplastic consolidation is considered highly unlikely as well.

Consider further definition by means of airway endoscopy with airway sampling.

**BREED**

Chihuahua

**SEX**

NM

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**HOSPITAL NAME**

Veterinary Image  
Center

**REFERRING VET**

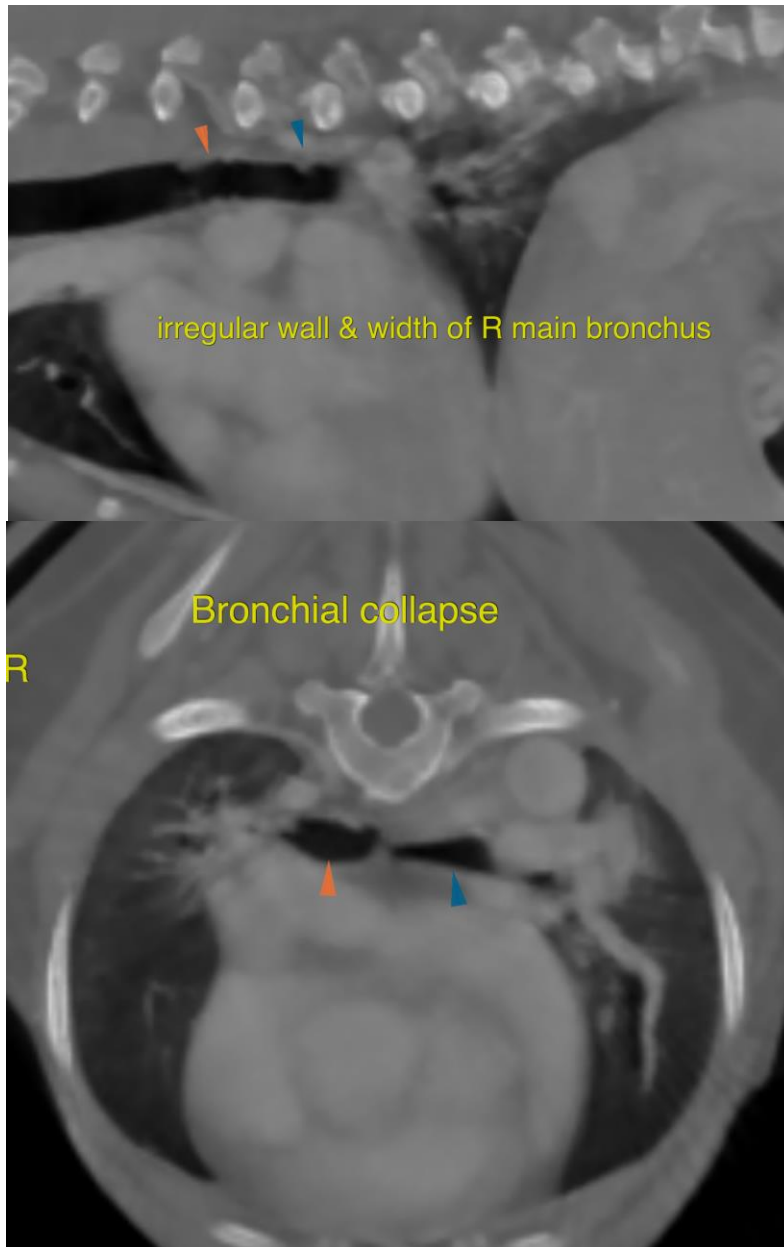
Dr. JL. Sosa, DVM

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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.

**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

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**SEX**

NM

**AGE**

17 Years

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