



**PATIENT PRESENTING CLINICAL SIGNS**

Bella Kinsel Patient began to experience sneezing in march and was treated for possible nasal mites, a month later began experiencing three to four times daily coughing episode with hacking. Historic liver enzyme elevations- planned abdominal ultrasound in 2 weeks

**SPECIES** Abnormal PE/Chem/CBC/UA Results: PE showed severe crepitus at limbs, muscle atrophy, normal heart and lung sounds, CBC/chemistry 3/30/23- ALT 606 (H), ALP 344 (H)

Canine

**RADIOGRAPHIC STUDY OF THE THORAX**

Radiographs of the thorax in two imaging planes are provided for review.

**BREED**

Labrador Retriever Mix

**RADIOGRAPHIC FINDINGS**

The VD projection of the thorax is moderately rotated to the right.

Multifocal spondylosis formation is seen along the thoracic spine. The costal cartilages present moderate degenerative changes.

**SEX**

Female Spayed

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**AGE**

12 Years

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVCI

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

**HOSPITAL NAME**

Petroglyph Animal Hospital

The lung field is extending up to the level of the cranial vertebral endplate of T11 – expiration. The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Whitney Jones

- Degenerative changes costal cartilages
- Spondylosis deformans

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

58225

The radiographic study of the thorax presents without clinically relevant abnormalities. However, a negative radiographic study does not rule out possible tracheitis/bronchitis as source for the cough.

**DATE**

5-10-23



**PATIENT**

Bella Kinsel

**SPECIES**

Canine

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.

**BREED**

Labrador Retriever  
Mix

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**SEX**

Female Spayed

**AGE**

12 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Petroglyph Animal  
Hospital

**REFERRING VET**

Whitney Jones

**INVOICE**

58225

**DATE**

5-10-23