



**PATIENT**

Tucker Clark

**PRESENTING CLINICAL SIGNS**

Has been coughing for a few months now. Does have a heart murmur. Has been getting worse as time goes on.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: PE: Grade III/VI heart murmur, Joint crackles noted with flexion of knees both hind limbs. Arthritis likely in other joints. Dental disease grade 2 - moderate tartar and gingivitis. Tooth root abscess of 108, possibly 109, based on facial swelling just ventral to R eye. Diffuse subcutaneous and dermal skin masses that are too numerous to count NO RECENT LABS

**BREED**

German Shorthair Pointer

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**SEX**

Neutered

**RADIOGRAPHIC FINDINGS**

The vertebral endplates T5/T6 and T6/T7 present mild spondylosis formation. Advanced degenerative changes of the costal cartilages are appreciated.

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, 10 Months

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. DipECVDI

Dorsal bending of the intrathoracic segment of the trachea is seen in both lateral projections. The trachea is normal in diameter. 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**

Elizabeth Animal Hospital

The lung parenchyma presents a generalized mild ground glass opacity, mildly blurring the peripheral lung vessels; the intrapulmonary vascular branching is seen up to the third order lung vessels.

The hepatic volume is increased, causing relative mor cranial bulging of the diaphragm.

**REFERRING VET**

Jennifer Redus, DVM

**RADIOGRAPHIC DIAGNOSIS**

- Mild to moderate unstructured interstitial lung pattern
- Hepatomegaly
- Dorsal bending intrathoracic segment of the trachea
- Degenerative changes costal cartilages
- Spondylosis deformans

**INVOICE**

56844

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

2-20-23

The unstructured interstitial lung pattern is likely a sequela to the age related changes of the lung parenchyma. The odds for 'real' interstitial lung pattern are considered low - non-specific potentials would include fibrosis, pneumonitis (inflammatory versus infectious), systemic disease (e.g. pancreatitis, IMHA, renal disease), (neoplasia).



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The dorsal bending of the intrathoracic segment of the trachea is very likely a sequela to positioning – e.g. flexion of the head – I do not see evidence of a mass effect.

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can be used as minimally advanced diagnostic tests.

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Pointer

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**HOSPITAL NAME**

Elizabeth Animal  
Hospital

**REFERRING VET**

Jennifer Redus, 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.**

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**

2-20-23

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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