



**PATIENT**

Janos Sogoasnoua

**PRESENTING CLINICAL SIGNS**

had 2 episodes (one in March, other one this month) started reverse sneezing frequently for 24-36 hours each time and ended by throwing up (small foreign bodies) and stopped reverse sneezing. Healthy otherwise. Vaccinated against kennel cough

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: heartworm negative clear chest, no heart murmur

**RADIOGRAPHIC STUDY OF THE THORAX**

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

**BREED**

Havanese

**RADIOGRAPHIC FINDINGS**

The spinous process of T4, T7 and T11 present with a small expansile, well-defined and smoothly margined homogeneous mineralizing lesion, measuring up to 5 mm in size and protruding from the surface of the respective spinous processes. The remainder of the pictured osseous structures are within normal limits.

**SEX**

Neutered Male

The extrathoracic soft tissues present homogeneous without abnormalities.

**AGE**

12 Months

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. A mild midline shift of the heart to the right is appreciated in the VD view – suspect due to right lateral recumbency prior to the VD projection. The pulmonary vasculature is within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

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**

Truscott Animal Hospital

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.

**REFERRING VET**

Dr. Mena Abdelsayed

**RADIOGRAPHIC DIAGNOSIS**

- Suspect small cartilaginous multiple spinous processes along the thoracic spine
- Normal cardiovascular system

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52155

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cardiovascular system presents without radiographic abnormalities.

**DATE**

5-28-22

The small osseous proliferations of multiple spinous process can present cartilaginous exostosis formation – benign proliferative osseous lesions developing during growth and commonly growth discontinuous to grow as animal matures. Neoplastic transformation of is possible in older patients.



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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.

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