



**PATIENT PRESENTING CLINICAL SIGNS**

Cassidy Armstrong History: Per owner had a neurological / coughing collapsing episode last night.

**RADIOGRAPHIC STUDY OF THE THORAX**

**SPECIES** The body condition score is 6/9 with smooth alternating layers of fat and soft tissue opacity.

Canine Smooth new bone formation is present on one shoulder joint and along the ventral aspect of thoracic and lumbar vertebrae.

**BREED** The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible to the tertiary branches. The bronchial tree is thin walled and shows calcification. Multiple small, roundish bone opacities are scatter throughout the lung field.

Labrador Retriever

**SEX** The cranial mediastinum is of physiological size and opacity. The trachea diverges from the thoracic vertebrae and dips at the carina.

Spayed Female The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces. No chamber or outflow tract enlargement is evident.

**RADIOGRAPHIC DIAGNOSIS**

- Pulmonary osteomata/pleural plaques

12 Years Incidental findings

**INTERPRETED BY**

- Calcification of main bronchial walls
- Spondylosis
- Shoulder OA, mild

Heike Rudorf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**HOSPITAL NAME**

I can see no changes that would explain the clinical signs. However, bronchitis and interstitial infiltrate such as early lymphoma, can be present without radiographic evidence. A CT examination will highlight this better and can also identify small pulmonary metastases and mild lymphadenomegaly. Performing trachea-bronchoscopy and broncho-alveolar lavage is recommended. Laryngeal movement can be assessed during induction.

Pocono Peak VC

**REFERRING VET**

Dr. Nicole Norris-  
Carney

**INVOICE**

20691

**DATE**

1/20/23





**PATIENT**

Cassidy Armstrong

**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.

**Heike Rudolf**, DVM, Dr. med. vet., DipECVDI, DVR  
dr.h.rudorf@gmail.com

**BREED**

Labrador Retriever

**SEX**

Spayed Female

**AGE**

12 Years

**INTERPRETED BY**

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