



## PATIENT PRESENTING CLINICAL SIGNS

**OLIVER MCCROSSIN** experiencing more cough/wheezing sounds especially after being too active.

## SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CV/Respiratory: Heart auscultates with a grade 5/6, L-sided, systolic murmur noted. SSFP. Lungs auscult with mild crackles in the middle lung fields noted bilaterally. Grade 5/6, L-sided, systolic murmur. Crackles in lungs on auscultation: CHF vs non-cardiogenic pulmonary edema vs bronchitis vs pneumonia vs open. Coughing: Heart Dz/CHF vs open. Exercise intolerance: Heart Dz/CHF vs open.

## BREED

Pomeranian

## RADIOGRAPHIC STUDY OF THE THORAX

Right lateral and ventrodorsal views, totaling 3 images available for review.

## RADIOGRAPHIC FINDINGS

### SEX

MN

Moderate left side cardiomegaly characterized by enlargement of the left atrium with left atrial tenting and double opacity sign.

### AGE

7yr

Left ventricle with basicoapical enlargement of the cardiac silhouette, elevated trachea, and left auricular region is seen.

The vertebral heart score is 12, the left atrial size is 3 consistent with left atrial enlargement. The enlarged left atrium results in dorsal displacement of the left main stem bronchus, supporting structural cardiac enlargement.

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

A moderate generalized bronchial pattern with bronchial wall thickening and donuts is seen. There is no evidence of cardiogenic pulmonary edema or other consolidation.

The trachea is normal in diameter and position.

## HOSPITAL NAME

DPC Veterinary  
Hospital

No pleural effusion is detected.

Spondylosis deformans is present at T11-12.

## RADIOGRAPHIC DIAGNOSIS

## REFERRING VET

Dr Courtney

- Moderate left sided cardiomegaly with marked left atrial enlargement
- Absence of radiographic pulmonary edema at this time, concurrent moderate bronchial pattern
- No radiographic evidence of pneumonia or non-cardiogenic edema

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

## INVOICE

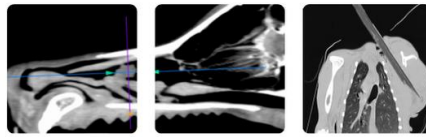
23950

The radiographic study reveals moderate left sided cardiomegaly with marked left atrial enlargement, highly consistent with chronic degenerative mitral valve disease given signalment and loud systolic murmur. Absence of radiographic pulmonary edema may indicate preclinical or compensated cardiac disease or previously treated medically controlled congestive cardiac failure.

## DATE

02/21/2026

The concurrent moderate bronchial lung pattern may represent chronic inflammatory airway disease such as allergic or infectious bronchitis. Airway compression secondary to left atrial



**PATIENT**

enlargement/cardiac cough is a potential underlying cause for the clinical signs as well. There is no radiographic evidence of pneumonia or non-cardiogenic edema.

OLIVER MCCROSSIN

**SPECIES**

Overall, the exercise intolerance may be multifactorial due to mechanical bronchial compression, chronic bronchial disease, and cardiac disease that is likely to be clinically significant despite lack of concurrent edema. Consider echocardiography, review current medications, and consider airway directed therapy if cough persists despite optimized cardiac management.

Canine

**BREED**

Pomeranian

**SEX**

MN

**AGE**

7yr

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

DPC Veterinary  
Hospital

**REFERRING VET**

Dr Courtney

**INVOICE**

23950

**DATE**

02/21/2026



## PATIENT

OLIVER MCCROSSIN

## SPECIES

Canine

## BREED

Pomeranian

## SEX

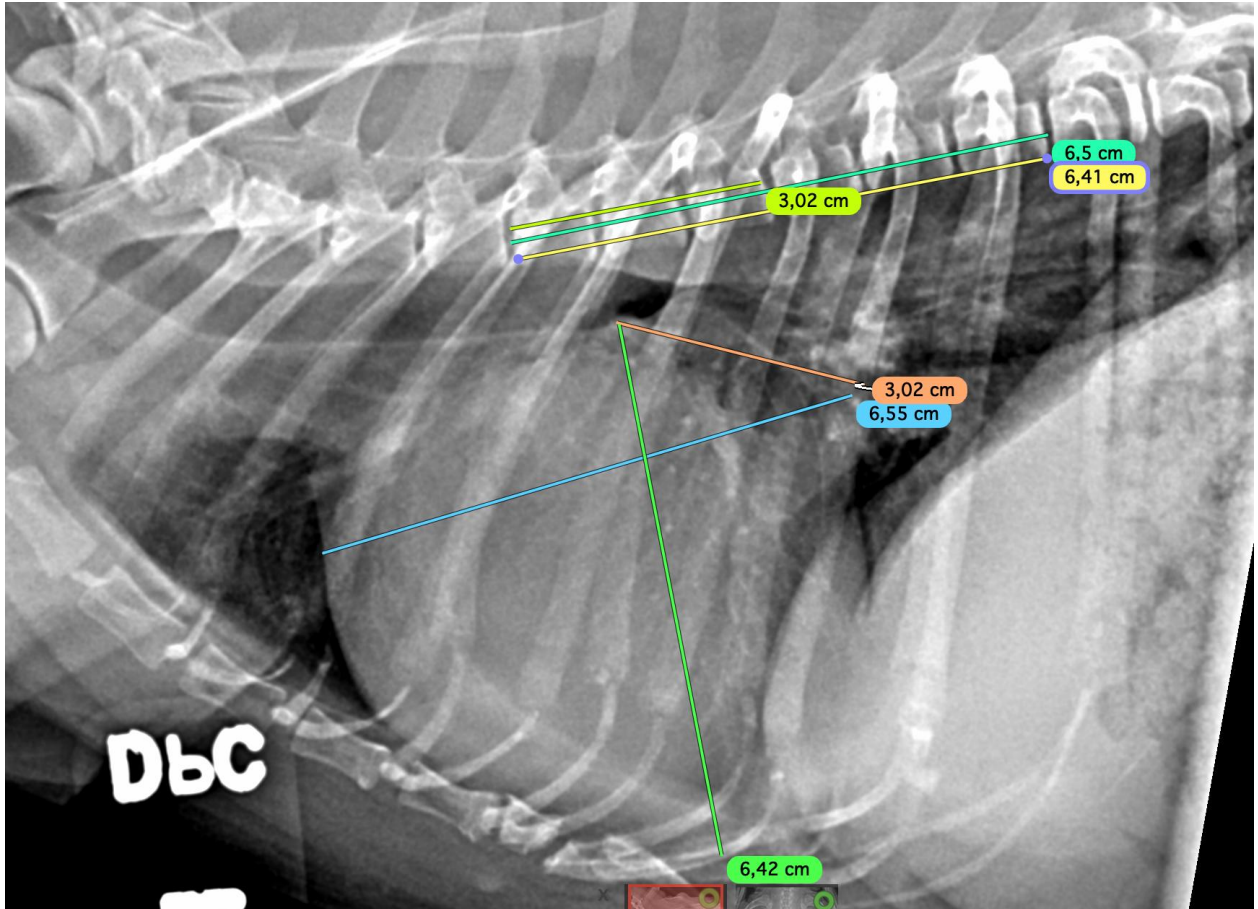
MN

## AGE

7yr

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI



## HOSPITAL NAME

DPC Veterinary  
Hospital

## REFERRING VET

Dr Courtney

## INVOICE

23950

## DATE

02/21/2026



## PATIENT

OLIVER MCCROSSIN

## SPECIES

Canine

## BREED

Pomeranian

## SEX

MN

## AGE

7yr

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## HOSPITAL NAME

DPC Veterinary  
Hospital

## REFERRING VET

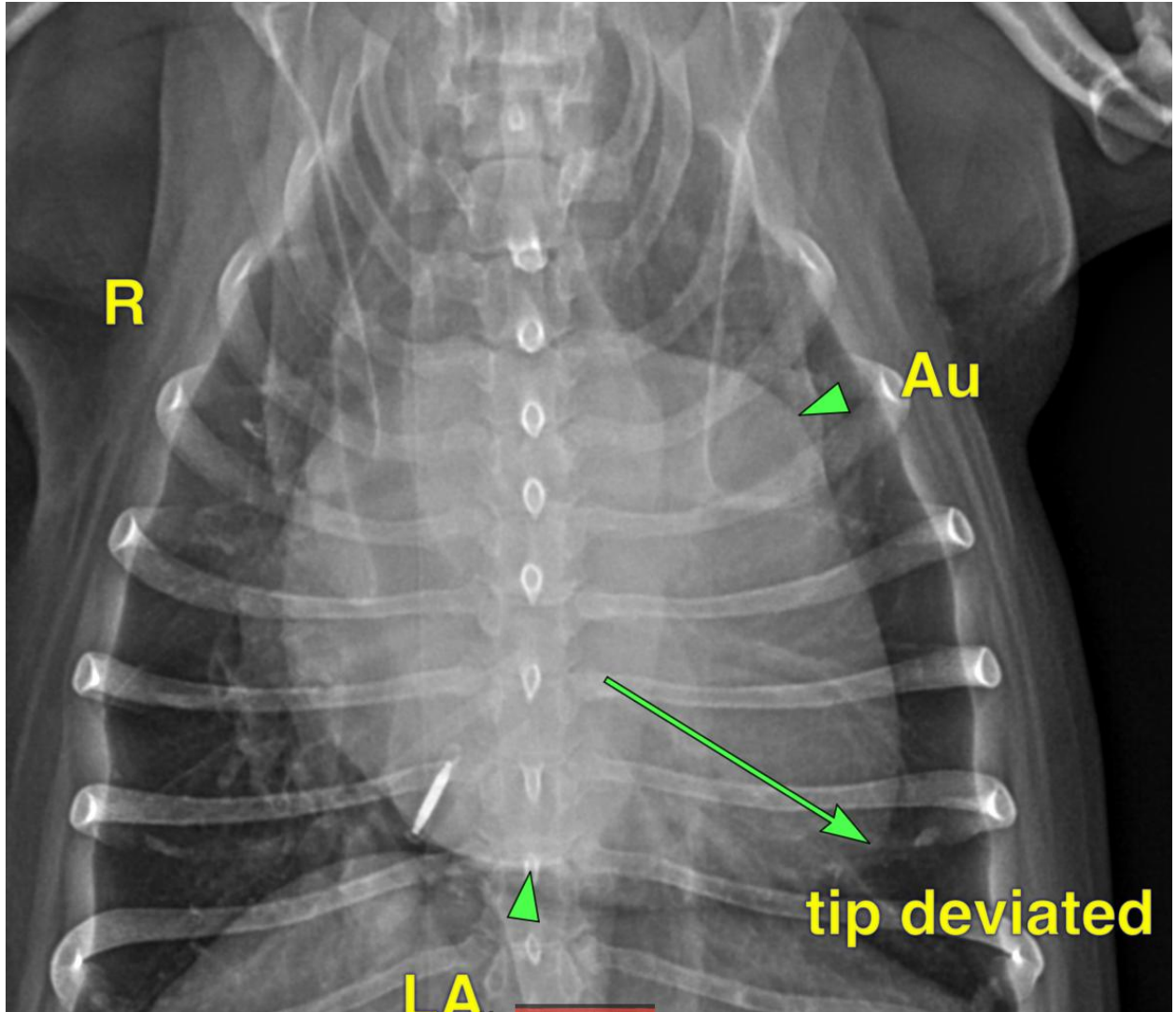
Dr Courtney

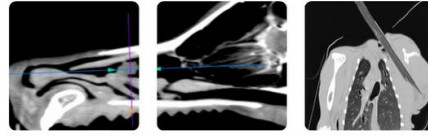
## INVOICE

23950

## DATE

02/21/2026





## PATIENT

OLIVER MCCROSSIN

The information and recommendations provided are based on the images presented by the referring veterinarian. 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

Pomeranian

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
[info@sonopath.com](mailto:info@sonopath.com)

## SEX

MN

## AGE

7yr

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## HOSPITAL NAME

DPC Veterinary  
Hospital

## REFERRING VET

Dr Courtney

## INVOICE

23950

## DATE

02/21/2026