


**PATIENT PRESENTING CLINICAL SIGNS**

Joga Trenbeath

History: In April 2019, had cardiac work up and was diagnosed with mitral valve regurgitation with valve prolapse and aortic regurgitation. He was started on enalapril and pimobendan. Owner reports has been gagging since starting heart medications. Presented 9/20/21 for evaluation of worsening cough. Thoracic radiographs are included for interpretation from 9/20. Patient was also hypertensive. Was started on furosemide and coughing improved. Abnormal PE/Chem/CBC/UA Results: Historical heart murmur of 3-4/6, but just prior to echo, no murmur audible. Abnormal PE/Chem/CBC/UA Results: April 2021 normal CBC/Chem.

**SPECIES**

Canine

**BREED**

Maltese

**RADIOGRAPHIC STUDY OF THE THORAX**

Right/left lateral and ventrodorsal views provided for review, dated 9/24/21.

**RADIOGRAPHIC FINDINGS**
**SEX**

A mild amount of gastric gravel is present.

Neutered Male

There is moderate generalized enlargement of the liver with slightly rounded lobar margins.

**AGE**

12 Years

The lungs are fairly inflated. A mild generalized bronchointerstitial lung pattern is noted, which is likely to be within age related normal limits.

The intrathoracic trachea presents within normal limits. Mild narrowing of the cervical trachea appears to be present on the right lateral view.

**INTERPRETED BY**

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

No significant enlargement of the cardiac silhouette is seen. Vertebral heart score is 9.0. The cardiac silhouette is rather upright and thin. However, the patient may be under diuretic treatment.

**RADIOGRAPHIC DIAGNOSIS**

- Radiographically normal heart
- No evidence of specific chamber enlargement
- No evidence of cardiogenic pulmonary edema
- Normal age related lung
- Possible cervical dynamic tracheal collapse
- Moderate hepatomegaly

**HOSPITAL NAME**

North Idaho AH

**REFERRING VET**

Dr. Dawn Mehra

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The cause of the coughing remains unclear based on the radiographic presentation. No evidence of cardiogenic origin seen. The lung pattern is thought to be within age related normal limits. Consider potential of collapsing trachea. However, the narrowing of the trachea is subtle radiographically and only seen at the outer margin of the collimation. Differential diagnosis for the hepatomegaly includes metabolic/endocrine hepatopathy, diffuse infiltrative disease, and hepatitis (thought less likely but cannot be ruled out entirely). Correlate with laboratory values.

**INVOICE**

26048

**DATE**

10/1/21



**PATIENT**

Joga Trenbeath

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**

Maltese

**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.  
Nele.Eley@sonopath.com

**SEX**

Neutered Male

**AGE**

12 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

North Idaho AH

**REFERRING VET**

Dr. Dawn Mehra

**INVOICE**

26048

**DATE**

10/1/21