



PATIENT PRESENTING CLINICAL SIGNS

Duffy Power history of seizures and coughing. Dry coughing, noticed worsening over the last several weeks. Owner is worried about heart disease.
Abnormal PE/Chem/CBC/UA Results: none

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

Canine Right/left lateral and ventrodorsal views of the thorax totaling 3 images available for review.

BREED RADIOGRAPHIC FINDINGS

Pug Multiple congenital vertebral malformation of the mid thoracic spine with vertebral lordosis and kyphosis is seen.

SEX There is spondylosis in the thoracolumbar junction area.

NM No significant enlargement of the cardiac silhouette is seen. There is no evidence of specific chamber enlargement. The caudal vena cava is nondilated. There is no evidence of a vascular lung pattern.

AGE The lungs are deeply inflated with relatively wide and caudally situated lumbodiaphragmatic angles while the excursion of the diaphragmatic cupola is far cranial and the ribcage is expanded, which all are signs of restriction of the upper airways. A moderate generalized bronchial lung pattern is noted.

12 Years, 3 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Redundancy of the dorsal tracheal ligament and caudal cervical tracheal collapse are seen.

Moderate gastric aerophagia is noted.

HOSPITAL NAME

GROVE VETERINARY
CLINIC

RADIOGRAPHIC DIAGNOSIS

- Radiographic signs of upper airway obstruction.
- Radiographic signs of dynamic tracheal disease.
- Moderate generalized bronchial lung pattern.
- No radiographic evidence of cardiovascular pathology.
- Aerophagia.

REFERRING VET

Dr. Tamay Guevara

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most significant radiographic finding appears to be the indirect evidence of obstructive pathology of the upper airways which may be represented by the dynamic tracheal disease. However additional brachycephalic upper airway stenosis is considered likely.

INVOICE

54752 The bronchial lung pattern may be due to irritant bronchitis, allergic / eosinophilic bronchopneumopathy, or infectious bronchitis. Further definition by means of upper and lower airway endoscopy with sampling could be considered.

DATE

10-20-22 The radiographic presentation of the cardiac silhouette and pulmonary vasculature was within normal limits.



PATIENT

Duffy Power

SPECIES

Canine

BREED

Pug

SEX

NM

AGE

12 Years, 3 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

GROVE VETERINARY
CLINIC

REFERRING VET

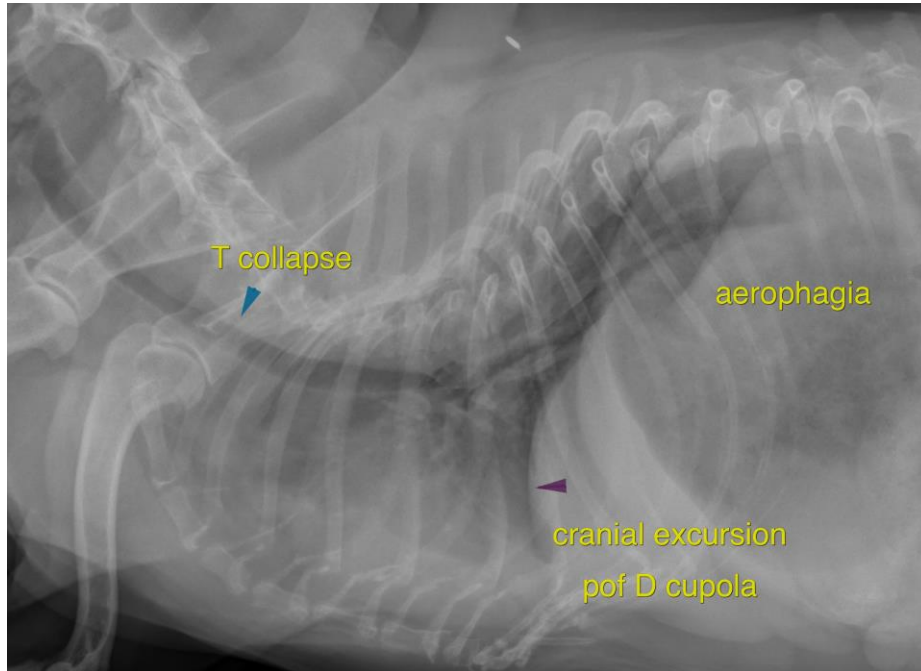
Dr. Tamay Guevara

INVOICE

54752

DATE

10-20-22



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.

Nele Eley, 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