



PATIENT PRESENTING CLINICAL SIGNS

Duke Perez 4/4/22 Dx'd w non-cardiogenic pleural effusion. 5.7 liters removed. Blood work was not very remarkable and 4DX was negative. An echocardiogram was done and the heart was structurally normal and no cardiac medications were recommended. Had surgery consult.

SPECIES Abnormal PE/Chem/CBC/UA Results: MICROSCOPIC INTERPRETATION: CONSISTENT WITH CHYLOUS EFFUSION; MILD SUPPURATIVE INFLAMMATION

Canine **COMPUTED TOMOGRAPHY OF THE THORAX**

A high resolution pre- and post-contrast CT study of the thorax is provided for review.

BREED **COMPUTED TOMOGRAPHIC FINDINGS**

Great Dane The bony and surrounding soft tissue structures are within normal limits.

SEX A moderate amount of gravity dependent fluid attenuating material is seen in the dorsal aspect of the pleural cavity bilaterally as well as a mild to moderate amount of free pleural gas.. The lung lobes are retracted from the thoracic wall and present a decreased volume with rounded margins. Pleural fissure lines are visible. Small zones of relaxation atelectasis of the lung parenchyma are appreciated.

Neutered Male

AGE The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

3 Years The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

The stomach is moderately to markedly distended by gas.

HOSPITAL NAME

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate pleural effusion
- Mild to moderate pneumothorax
- Aerophagia – likely secondary to dyspnea caused by the pleural effusion

REFERRING VET

Meaux

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is fitting the history of pleural effusion, but unfortunately fails to present a specific underlying cause. There is no evidence of a mass, thrombus, abscess formation or torsion of a thoracic organ. Regarding the history the presumptive diagnosis is idiopathic chylothorax.

INVOICE

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The pneumothorax is considered iatrogenic, due to preceding thoracocentesis.

DATE

4-19-22



PATIENT

Duke Perez

SPECIES

Canine

BREED

Great Dane

SEX

Neutered Male

AGE

3 Years

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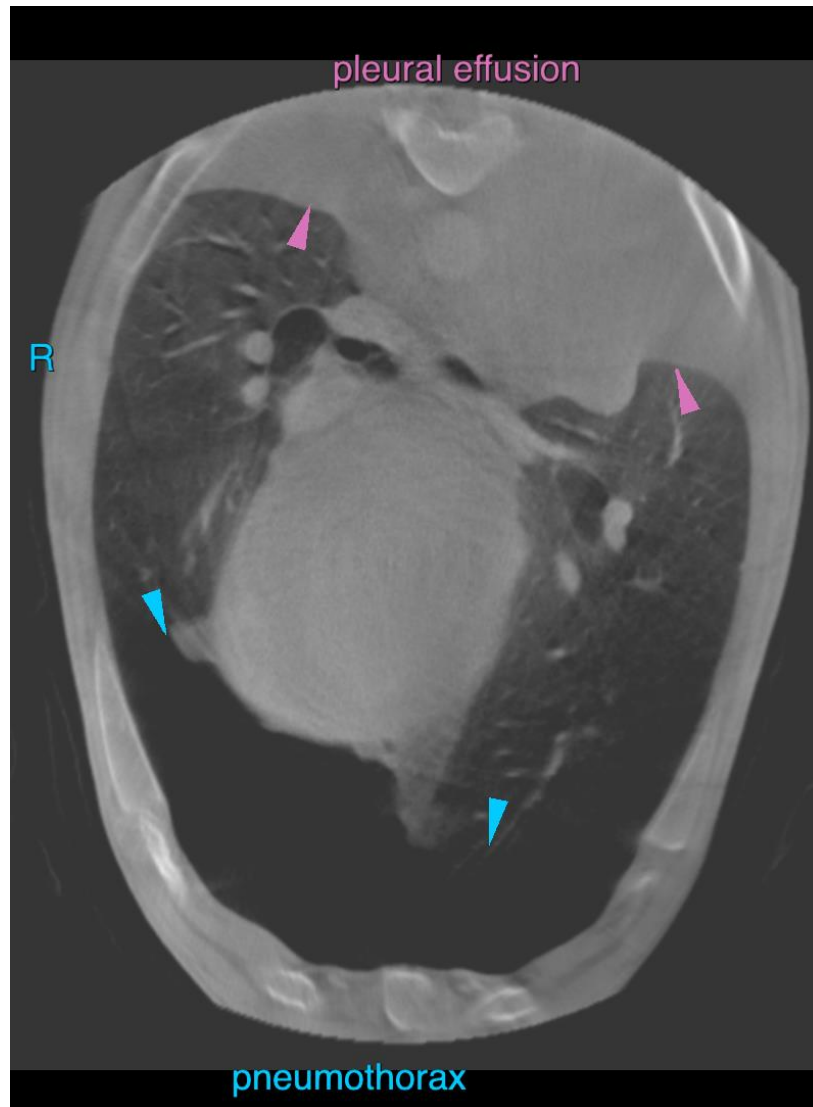
Meaux

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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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com