



PATIENT PRESENTING CLINICAL SIGNS

Maddox Suggs History: Spontaneous Bilateral Pneumothorax

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

SPECIES

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Golden Retriever

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

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.

SEX

Neutered Male

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

In the ventral aspect of the pleura space, a small amount of free gas is appreciated.

AGE

5 Years

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of spontaneous pneumothorax

HOSPITAL NAME

Advanced Animal
Imaging

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings of the current CT study are consistent with history of spontaneous pneumothorax and regarding the small amount of gas there appears to be no ongoing leakage of air. An underlying cause for the pneumothorax cannot be specified and potentials include rupture of a bulla/bleb that may have collapsed or preceding blunt thoracic trauma.

REFERRING VET

Blair Hollowell, DVM

As the pneumothorax might resolve sporadically, conservative treatment and radiographic re- check might be feasible here. A surgical exploration of the pleural cavity is indicated with continuous or repeated air accumulation within a 5-day period. Thoracotomy by a sternal approach is recommended to allow for thorough exploration of both pleural cavities and to check all lung lobes for possible leakage.

INVOICE

23792

DATE

8/4/23



PATIENT

Maddox Suggs

SPECIES

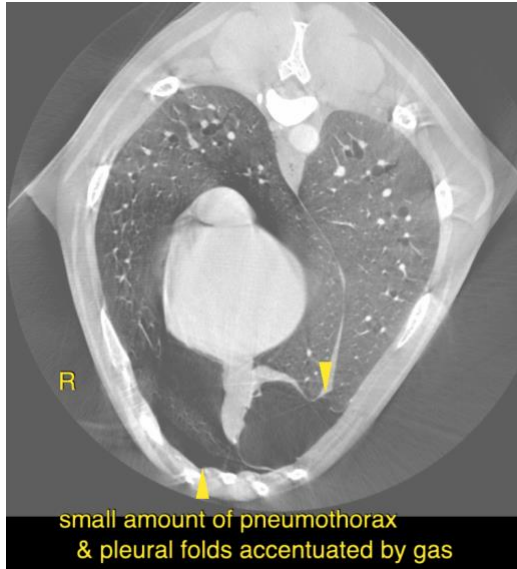
Canine

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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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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