



PATIENT

PRESENTING CLINICAL SIGNS

Chloe Marcinkowski

After a period of boarding the owners returned to her having difficulty breathing, inappetence, and coughing. She was taken to a vet who diagnosed her with mitral valve disease, and a consolidation of the left cranial lung.

SPECIES

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

Canine

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

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Yorkie

Thorax

SEX

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

FS

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.

AGE

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

11 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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The cranial part of the left cranial lung lobe is consolidated and presents a significantly reduced volume without air-bronchograms. The right cranial lung lobe is extending far into the left hemithorax due to left sided mediastinal shift.

HOSPITAL NAME

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

Bluegrass Veterinary
Specialists

Abdomen

REFERRING VET

Due to the lack of serosal fat, the serosal detail is decreased.

Guevara

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a both kidneys present small roundish parenchymal filling defects.

INVOICE

The adrenal glands are within normal limits for size, shape and organ architecture.

48863

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable. The gallbladder is not appreciated.

DATE

Surgical metal attenuating clips are seen level with the absent gallbladder

12-7-21

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.



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The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Consolidated cranial part of the left cranial lung lobe
- Compensatory mild hyperinflation of the right cranial lung lobe
- Suspect history of cholecystectomy
- Renal cysts, incidental

BREED

Yorkie

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The consolidated cranial part of the left cranial lung lobe is suggestive for hepatization of the lung lobe with potential resorption atelectasis due to preceding mucus plugging. The findings are not typical for neoplastic disease. In most cases the consolidated lung lobe is an incidental finding, however if there are recurrent lower airway infections, the consolidated lung lobe can serve as a reservoir for airway infection.

SEX

FS

The abdomen presents without overt abnormalities, but the diagnostic is decreased by the lack of peritoneal fat. If not done so yet, recommend complementing workup by complete blood work. An abdominal ultrasound might be used as advanced imaging modality as well to screen for pathology along the gastrointestinal tract.

AGE

11 Years

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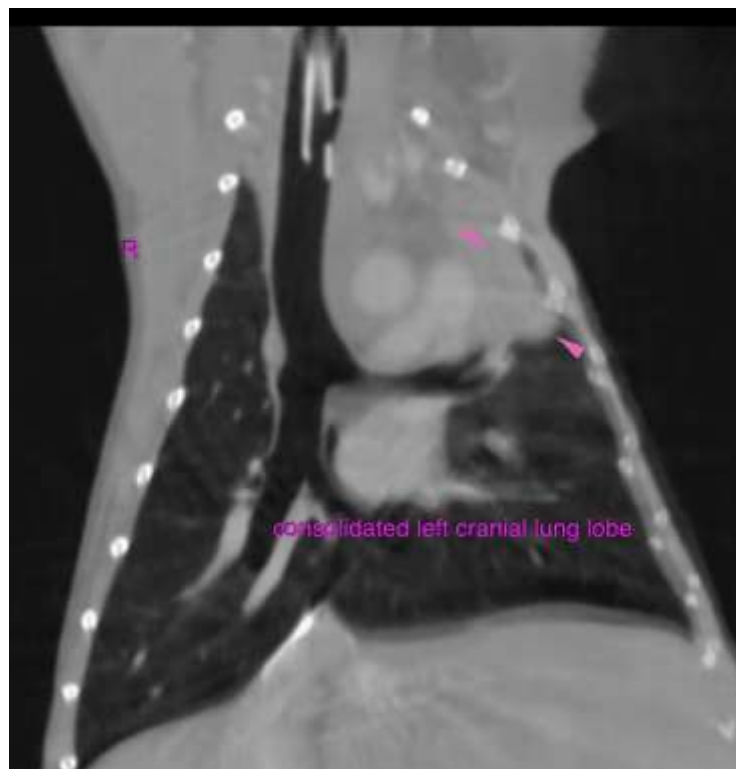
Guevara

INVOICE

48863

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SPECIES

Canine

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.

BREED

Yorkie

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

SEX

FS

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