



PATIENT

Wolfgang Lebron

PRESENTING CLINICAL SIGNS

Presented for routine dental- elevated WBC, early Kidney disease, and thoracic mass.

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies of the thorax and abdomen available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

A 1.5 cm sized well delineated ovoid structure is seen within the precardial cranioventral mediastinum. The structure presents no significant contrast enhancement. The attenuation behavior is in the range of fluid, at least the structure is mildly hypoattenuating compared with the soft tissue and mildly hyperattenuating compared with the surrounding fat.

SEX

Male Neutered

A moderate generalized bronchial lung pattern is noted.

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

AGE

10 Years

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

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Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Mild extrahepatic biliary duct dilation is seen.

REFERRING VET

Meaux

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

DATE

2-10-22

- Cranioventral mediastinal mass effect with potential fluid content.
- Bronchial lung pattern.
- Normal CT appearance of the kidneys.
- Minimal extrahepatic biliary duct dilation.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study suggests presence of a fluid filled mass effect within the cranial and ventral mediastinum. Consider incidental geriatric mediastinal cyst a potential. Soft tissue neoplasia with central tumoral necrosis or lymphoma cannot be ruled out entirely as they can have very similar attenuation behavior. These are considered less likely but final diagnosis may require ultrasound to confirm cystic appearance and fluid content.

The bronchial lung pattern may not be of clinical significance, yet it suggests presence of chronic allergic lower airway disease. The differential diagnosis of infectious bronchitis is considered less likely but cannot be ruled out entirely.

The normal CT appearance of the kidneys does not rule out abnormal function. The CT appearance of the kidneys can be normal until 75% of the nephrons have lost their function.

The minimal extrahepatic biliary duct dilation is unlikely to be of clinical significance; however, mild cholangitis/cholangiohepatitis cannot be ruled out.



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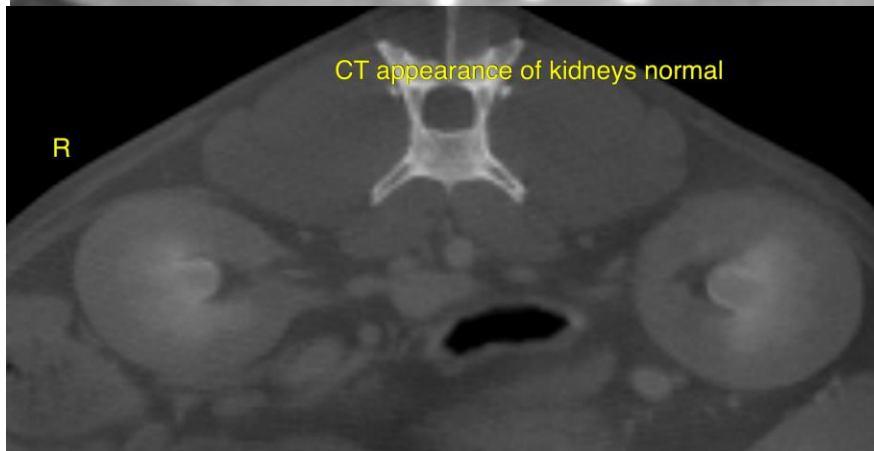
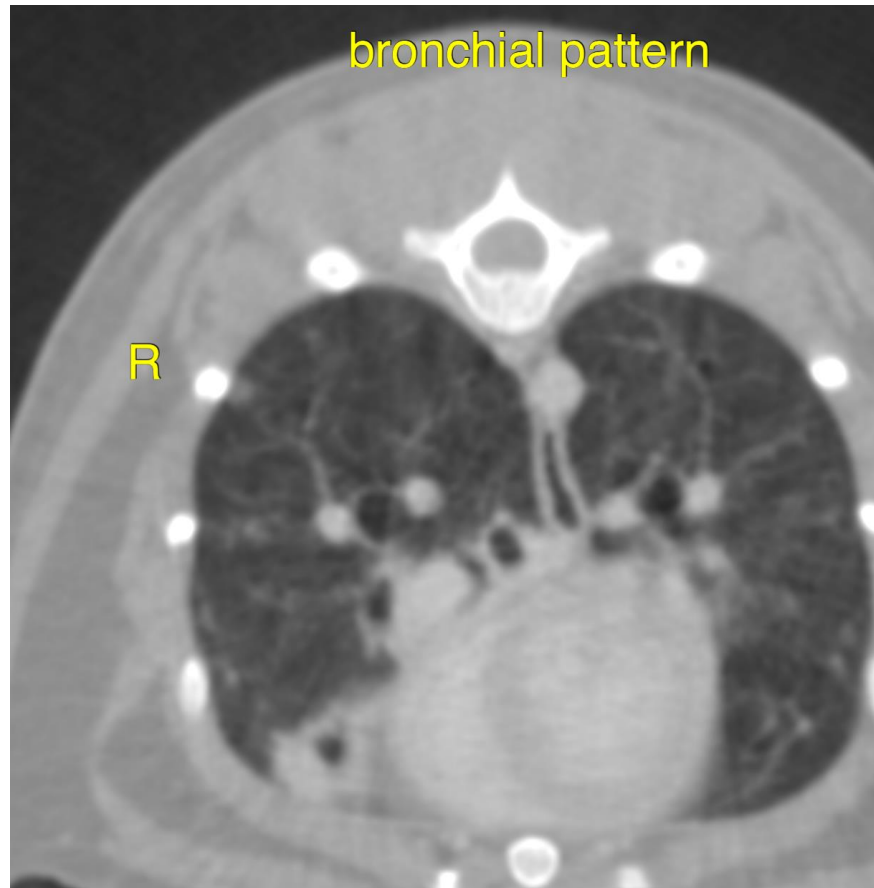
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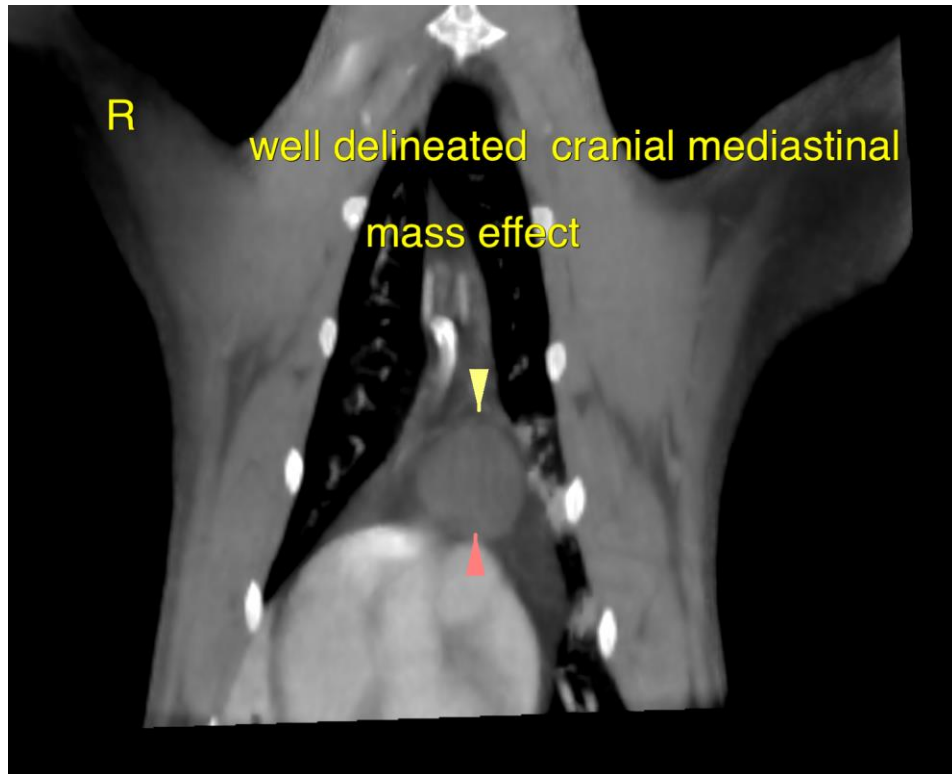
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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