



PATIENT

Cooper Wilson

PRESENTING CLINICAL SIGNS

Cooper presents to MVCT for a full body CT. Pre- and 1 min post- contrast study submitted in both soft tissue and bone algorithm. History of not eating well, painful on abdominal palpation, chronic diarrhea, mildly increased PSL, stress leukogram, and isosthenuria., and sudden onset blindness.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

BREED

Collie

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

FS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

AGE

12

Mild mucosal swelling and fluid accumulation is noted within both nasal cavities with no evidence of turbinate destruction. The frontal sinuses present within normal limits.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The eyes and orbital soft tissues present within normal limits.

HOSPITAL NAME

Mobile Veterinary CT

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

REFERRING VET

Joseph Leppanen,
DVM

The visible dentition is within normal limits.

Neck

Number, alignment, and general anatomy of the cervical vertebrae present within normal limits.

INVOICE

56806

Both lobes of the thyroid gland are seen and present within normal limits.

Thorax

DATE

2-16-23

A small intramuscular lipoma is seen in the right subscapular axial musculature.

One of the cranial mediastinal lymph node is mildly enlarged and measures 10mm in diameter. The remainder of the mediastinal lymph nodes present within normal limits.



PATIENT

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

SPECIES

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.

Canine

The lung parenchyma presents the expected architecture and attenuation behavior.

BREED

Mild generalized dilation of the esophagus with gas is seen.

Collie

Abdomen

A small cranioventral abdominal wall lipoma is seen.

SEX

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

FS

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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.

12

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

INTERPRETED BY

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A 5mm sized parenchymal cyst is seen in the central division of the liver. The common bile duct presents within normal limits.

HOSPITAL NAME

The pancreas presents mild generalized enlargement with undulating organ margins and no evidence of regional mesenteropathy.

Mobile Veterinary CT

The stomach is postprandial and appears to be mildly dilated with no evidence of malpositioning or abnormal content. No significant wall changes are seen. The gastric outlet presents within normal limits.

REFERRING VET

Joseph Leppanen,
DVM

No structural abnormality of the small and large intestine is seen.

The abdominal lymph nodes present within normal limits.

INVOICE

Moderate to severe spondyloses are seen within the thoracolumbar spine and degenerative lumbosacral stenosis is noted.

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A small subcutaneous nodule is seen dorsal to the mid-lumbar spine to the right of the midline.

DATE

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- No structural abnormality of the eyes, orbital soft tissues, or brain.
- Pancreatopathy
- Esophageal dilation.



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- Small uncomplicated parenchymal cyst of the liver.
- Small lipomas and subcutaneous nodule.
- Mild single cranial mediastinal lymphadenomegaly.
- Multiple spondyloses and degenerative lumbosacral stenosis.

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Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no structural abnormality of the brain or eyes. Hypertensive or degenerative retinopathies and other remain a potential as well as cerebral angiopathy and other. Correlation with the ophthalmologic workup recommended.

BREED

Collie

The findings of the pancreas support the presence of chronic pancreatitis. Benign nodular hyperplasia is potential differential diagnosis. No structural abnormality of the gastrointestinal tract or mesenteric lymph nodes was found.

SEX

FS

The cranial mediastinal lymph node changes are suggestive for reactive hyperplasia. Lymphomatous or other infiltrate cannot be ruled out entirely.

AGE

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HOSPITAL NAME

Mobile Veterinary CT

REFERRING VET

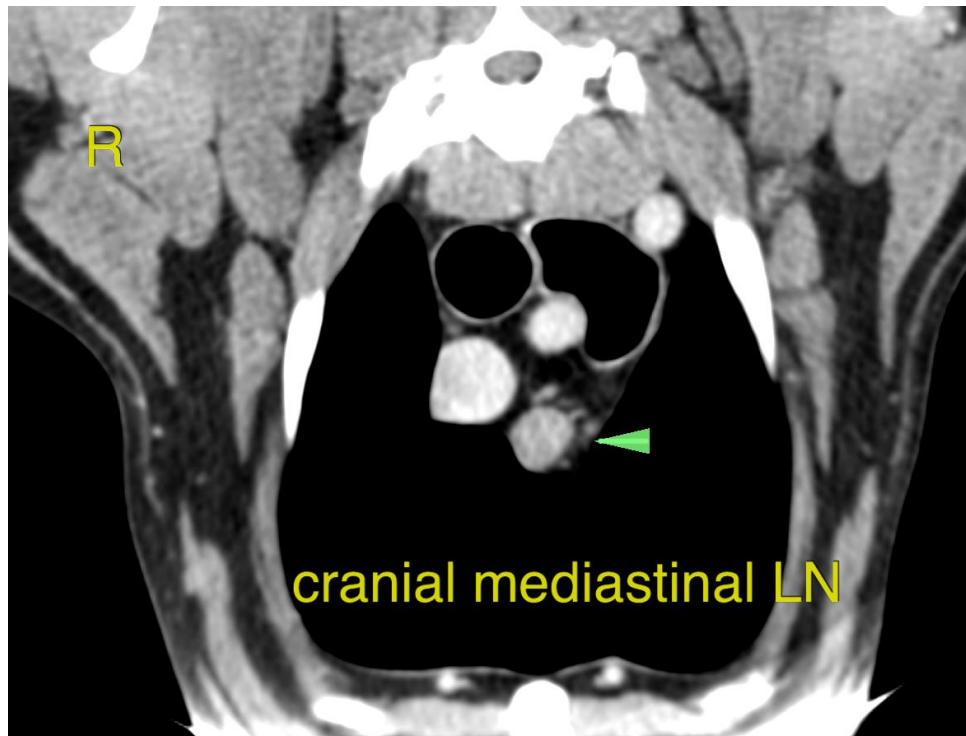
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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