



PATIENT PRESENTING CLINICAL SIGNS

Luna Roa Seizure-like activity on/off, back pain.

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Mixed The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

Spayed Female

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

AGE The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

7 Years

INTERPRETED BY 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.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Thorax

Central mineralization of multiple intervertebral discs along the thoracic & lumbar spine is appreciated.

HOSPITAL NAME 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.

Mobile Pet Imaging

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

REFERRING VET 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.

Meaux

The lung parenchyma presents the expected architecture and attenuation behavior.

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

54530

Abdomen

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

10-10-22 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.



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

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

SPECIES The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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

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

Mixed **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- SEX**
- Multifocal chondroid disc degeneration along the thoracic & lumbar spine
 - Normal brain
 - Normal neck
 - Normal thorax & abdomen

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE In the present study of the brain, there is no evidence of macromorphological disease, which supports the presumptive diagnosis of idiopathic epilepsy.

7 Years

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

INTERPRETED BY

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No abnormalities of the spine are appreciated, explaining the back pain – the chondroid disc degeneration is an incidental finding. In case of strong clinical suspicion for compressive myelopathy, recommend complementing workup by myelographic CT study.

HOSPITAL NAME

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DATE

10-10-22



PATIENT

Luna Roa

SPECIES

Canine

BREED

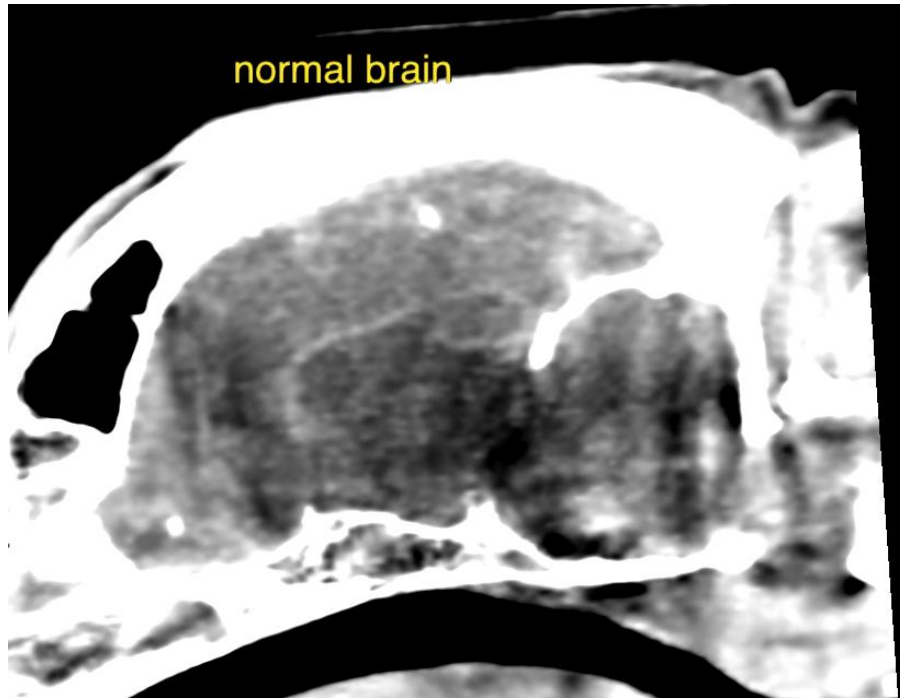
Mixed

SEX

Spayed Female

AGE

7 Years



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REFERRING VET

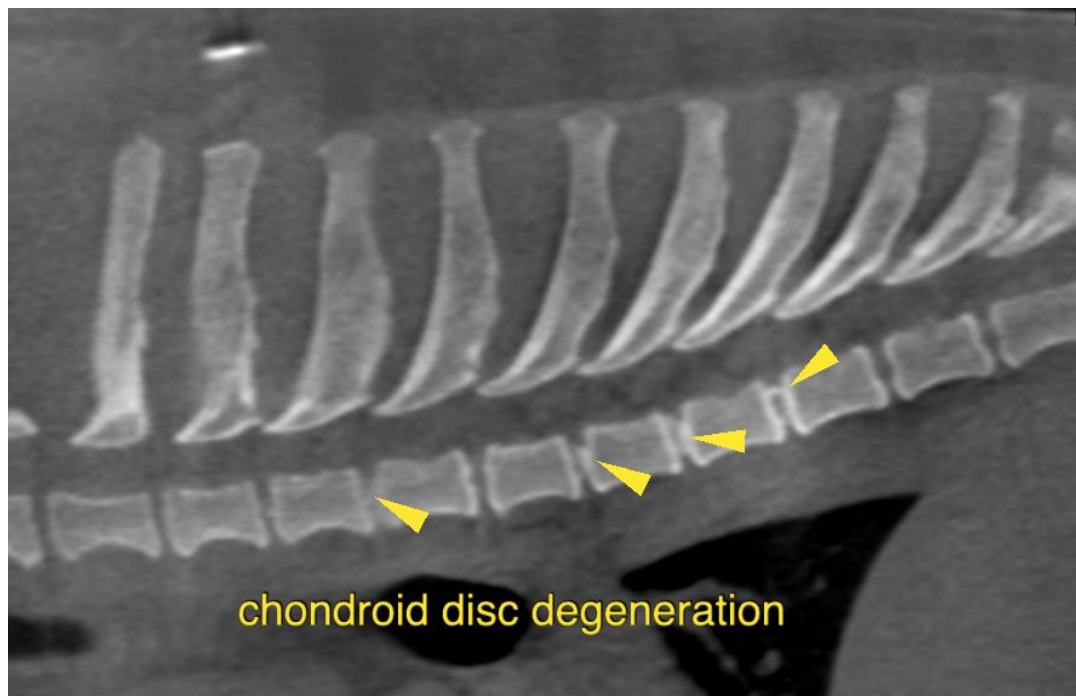
Meaux

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PATIENT 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.

Luna Roa

SPECIES

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.

Canine

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BREED

Mixed

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Spayed Female

AGE

7 Years

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