



PATIENT PRESENTING CLINICAL SIGNS

Gizmo Sacker Recent onset of seizures. The condition started Thursday and has been progressively getting worse. Abnormal PE/Chem/CBC/UA Results: Exam is WNL

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

Feline 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.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

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

SEX

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

Neutered Male

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

AGE

13 Years

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.

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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 osseous and soft tissue structures of the neck are within normal limits.

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Thorax

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.

REFERRING VET

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

Mild thickening of the first degree bronchi of the lung lobes is appreciated.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Abdomen

DATE

8-9-22

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



PATIENT 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.

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

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

Feline 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.

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

DSH The outer layer of the small intestinal loops is subjectively prominent.

The bony and surrounding soft tissue structures reveal no abnormalities.

SEX COMPUTED TOMOGRAPHIC DIAGNOSIS

- Neutered Male
- Mild bronchial lung pattern
 - Possible generalized mural thickening of the small intestinal tract – suspect muscular layer
 - Normal skull

AGE Normal abdomen

13 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY In the present study of the brain, there is no evidence of macromorphological disease.

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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 other systemic illness or intoxication. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

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The mild bronchial lung pattern is suggestive for (sub)clinical feline bronchial disease.

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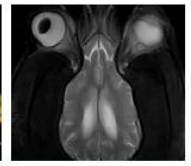
The prominent outer layer of the small intestinal loops can be a sequela to chronic inflammation (e.g. lymphocytic plasmocytic, eosinophilic), hyperthyroidism or diffuse neoplastic infiltration. Ultrasound can be used for further evaluation of the wall layering of the gastrointestinal tract. Due to the lack of clinical signs, the relevance of the finding is unclear.

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SPECIES

Feline

BREED

DSH

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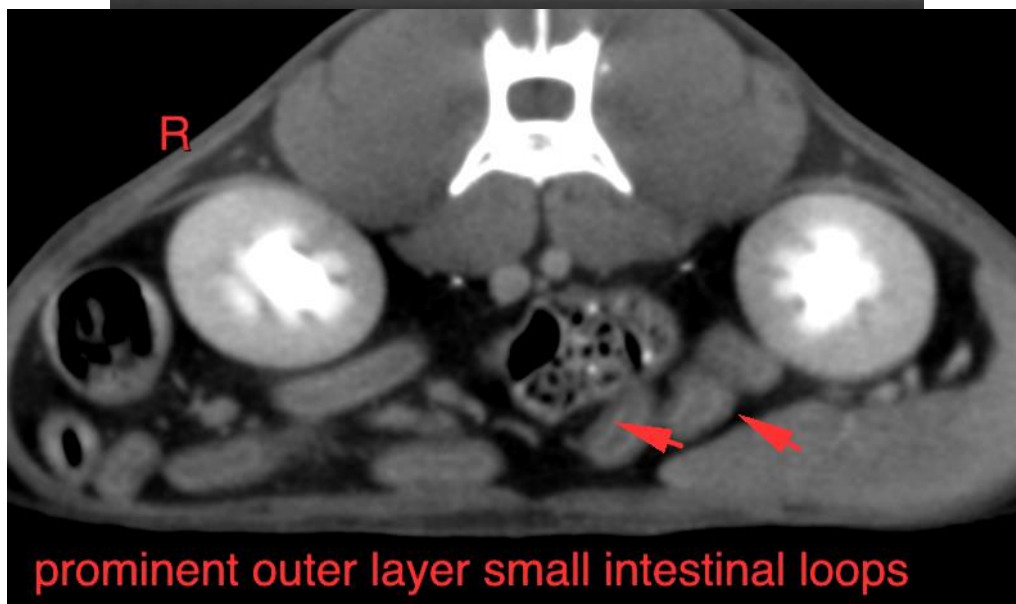
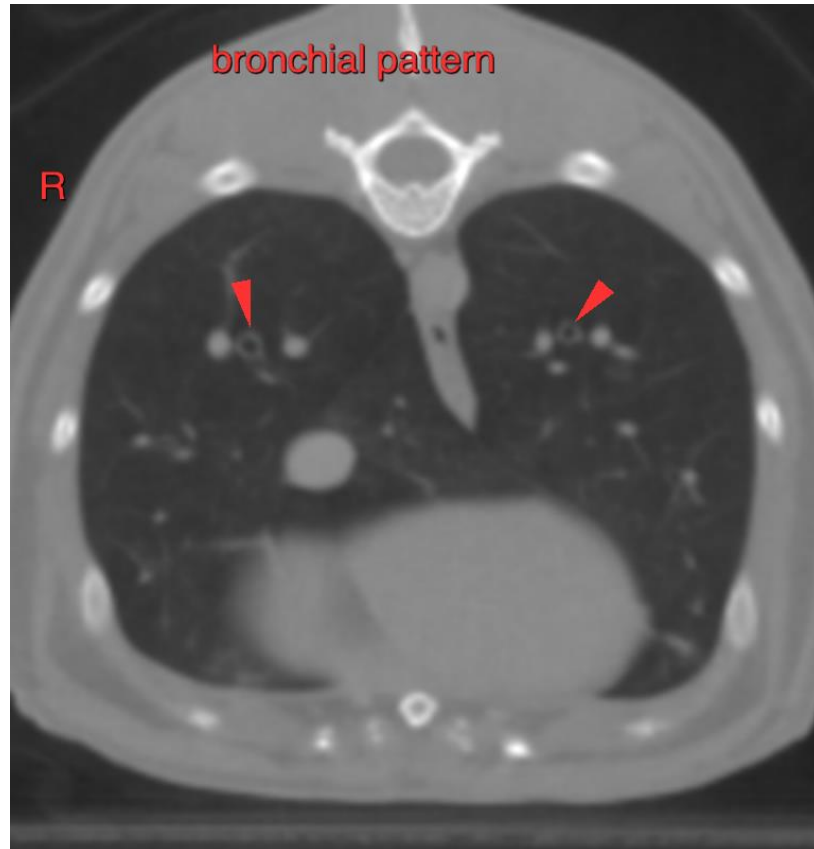
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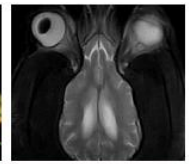
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SPECIES

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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.

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