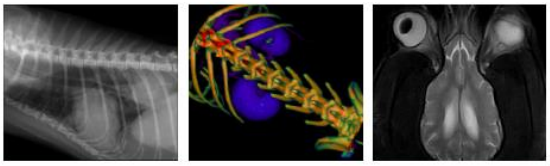


SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Gretchen Cecala

SPECIES

Canine

BREED

Dachshund

SEX

Female

AGE

9

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Southern Oregon Veterinary Specialty Center

REFERRING VET

Kimberly Winters

INVOICE

53271

DATE

8-4-22

PRESENTING CLINICAL SIGNS

Gretchen presents for CT scan or her body. Michelle wants to fully investigate Gretchen's internal organs and spine and brain due to history of suspected spinal pain, seizures, and general health. She is painful from her shoulders down, her hips bother her, and she did a summersault about a week ago trying to jump. She is also usually on Denamarin, Tramadol, Chlorpheniramine, Omega 3, and Dasequin

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

Plain and post contrast studies available for review. The hind limbs and coxofemoral joints are not included.

COMPUTED TOMOGRAPHIC FINDINGS

Head & Neck

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.

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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

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 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.

The triadan 108 is absent.

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

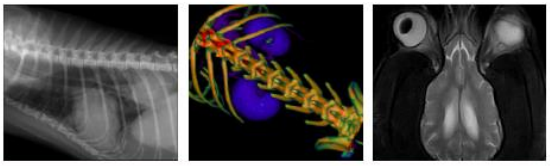
Spine

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

No evidence of compressive or other structural myelopathy is seen.

There is no evidence of traumatic osseous injury of the spine.

Thorax



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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 are uniform and considered within normal limits.

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

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Abdomen

Suture material from prior spay is seen in the ventral abdominal midline and level with the ovaries and uterine stump with no local reactivity.

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

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.

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

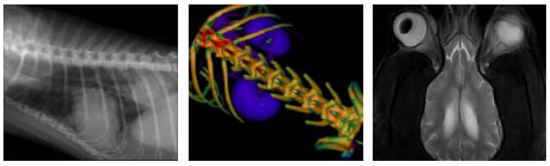
The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Structurally normal CT study of the brain and spine.
- Normal CT findings of the thorax and abdomen.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

An underlying cause of the patient's clinical signs is not identified in the CT study. No structural injury of the brain or spine is seen. Depending on the nature and severity of the clinical signs, options for further definition could include csf analysis and MRI.

No thoracic or abdominal organ abnormality was identified.

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
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com