



PATIENT PRESENTING CLINICAL SIGNS

Max Taylor Treated by rDVM for neck/back pain 1 week ago, was improving until last night, then acutely painful with HL ataxia and transient vertical nystagmus.
Abnormal PE/Chem/CBC/UA Results: Mild leukocytosis. Mild elevation of ALT/GGT_

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Dachshund Skull

The pictured parts of the dentition are complete, the tooth buds are unremarkable.

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

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

AGE 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.

10 Weeks The lateral ventricles, the third and fourth ventricle of the brain are dilated and the volume of the brain parenchyma is decreased. Fluid attenuating material is dissecting along the internal capsule bilaterally. The fornix is deviated dorsally. The interthalamic adhesion is mildly irregular in shape and has a decreased volume.

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.

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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 pattern is uniform.

REFERRING VET

Dr. Klonisch

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.

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

Abdomen

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

SPECIES Both liver and spleen present with normal shape, even surface and uniformly attenuating parenchyma.
Canine The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous.
The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

BREED The bony and surrounding soft tissue structures reveal no abnormalities.
Dachshund **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Hydrocephalus internus with signs of hypertension
- Normal thorax
- Normal abdomen

SEX
Mi

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE The hypertensive hydrocephalus internus is a plausible explanation for the presenting clinical. The chances of implantation of a ventriculoperitoneal shunt can be discussed with neurologist.
10 Weeks

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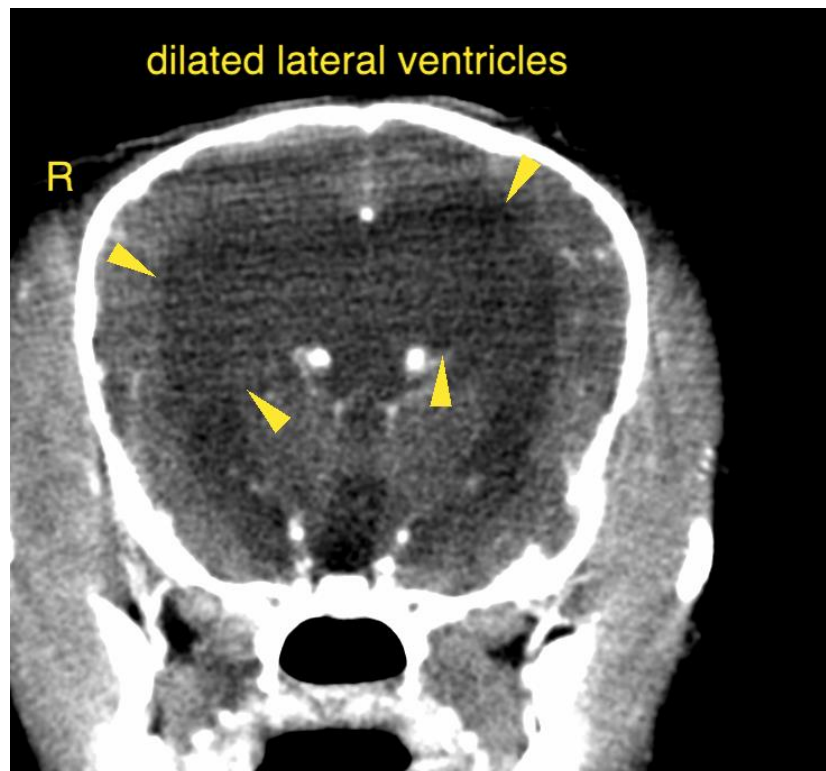
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PATIENT

Max Taylor

SPECIES

Canine

BREED

Dachshund

SEX

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AGE

10 Weeks

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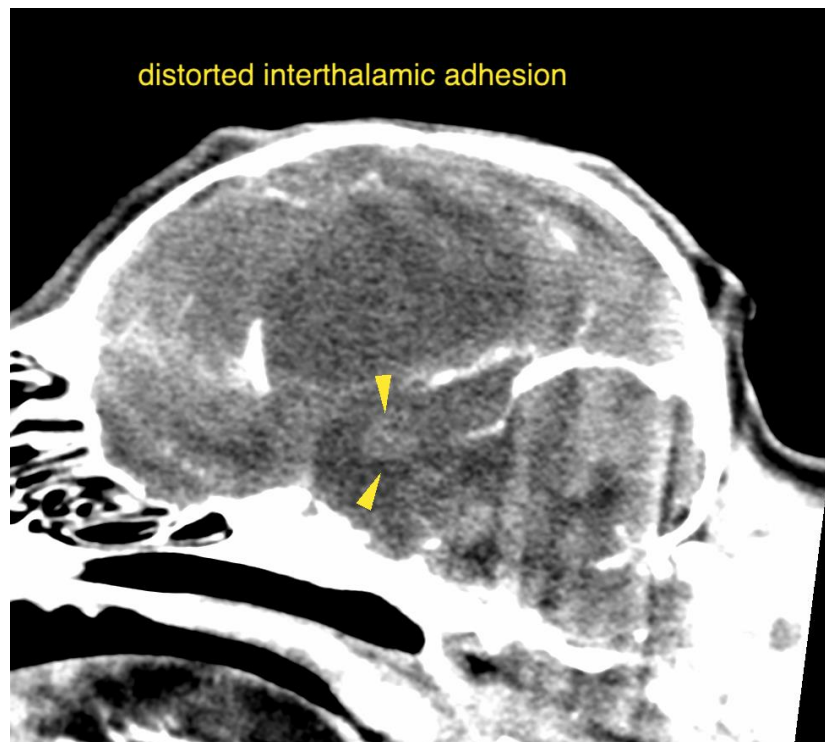
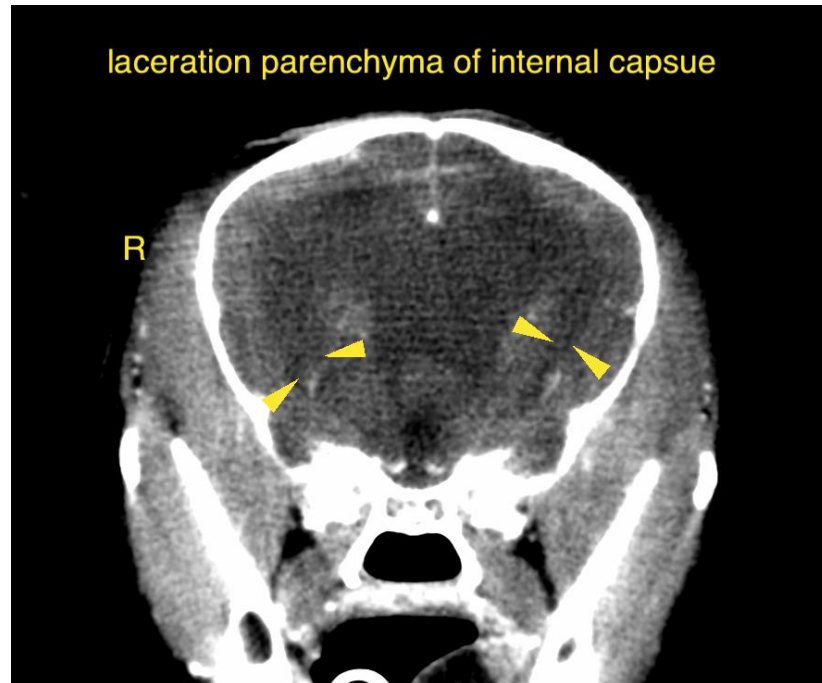
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Max Taylor

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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BREED

Dachshund

SEX

Mi

AGE

10 Weeks

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