



PATIENT PRESENTING CLINICAL SIGNS

Teddy Tourin History: Previously presented with clinical signs hepatic encephalopathy
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Mini Goldendoodle

Skull

The pictured parts of the deciduous teeth are unremarkable.

SEX

Intact Male

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

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

AGE

3 Months

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

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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.

Abdomen

REFERRING VET

Dr. Meaux

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.

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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.

DATE

1/27/23



PATIENT

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.

Teddy Tourin

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

SPECIES

Canine

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

BREED

Mini Goldendoodle

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Structural normal skull
- Normal abdomen, no evidence of portosystemic shunting – neither intra- nor extrahepatic

SEX

Intact Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the present study of the brain, there is no evidence of macromorphological disease explaining the suspected hepatic encephalopathy.

AGE

3 Months

If not yet done so, the workup should be complemented by examination of CSF. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

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If the clinical signs are consistent with insufficiency of the liver primary non-cirrhotic portal hypertension (microvascular dysplasia) or other diffuse parenchymal liver disease would still be a potential and should be ruled out by means of ultrasound guided or surgical liver biopsy.

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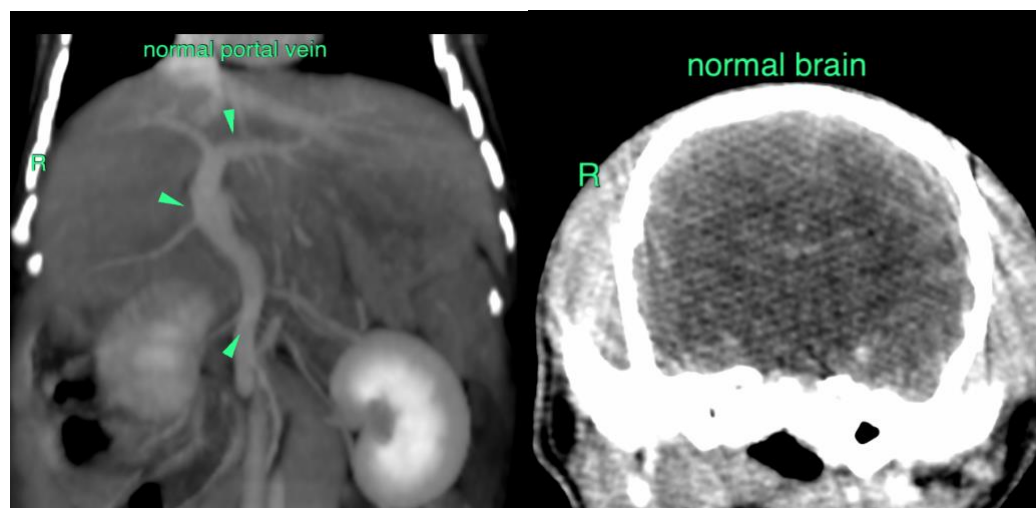
Dr. Meaux

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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



PATIENT that was not visible in the image/video clips provided.

Teddy Tourin 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 **Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

Canine

BREED

Mini Goldendoodle

SEX

Intact Male

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