
PATIENT PRESENTING CLINICAL SIGNS

Maya Bravo Possible Liver shunt, seizures. Abdomen and brain CT.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ABDOMEN
SPECIES

Plain and post-contrast studies of both head and abdomen are available for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS
BREED
Head

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. The pituitary gland presents within normal limits.

Pomeranian

SEX

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

Spayed Female

AGE

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

1 Year 4 Months

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.

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.

Nele Eley (Ondreka),
 DVM Dr. med. vet.,
 DipECVDI

The salivary glands present within normal limits.

The visible dentition within normal limits.

HOSPITAL NAME

Mobile Pet Imaging

Abdomen

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

REFERRING VET

Dr. Ciruta

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.

INVOICE

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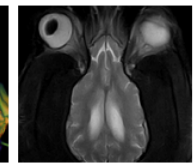
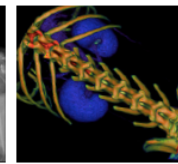
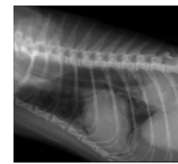
Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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.

DATE

8/8/23

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



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

Maya Bravo

The bony and surrounding soft tissue structures reveal no abnormalities.

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Canine

- Normal CT presentation of the brain
- Normal CT presentation of the abdomen including liver and portal vascular anatomy

BREED

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Pomeranian

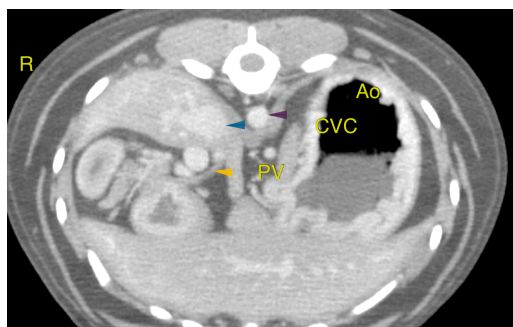
The CT study revealed no evidence of structural brain pathology. No evidence of an extra- or intrahepatic portosystemic shunt was found. The extra- and intra-hepatic portal vein branching is within normal limits. The liver size, attenuation and enhancement are within normal limits. Primary epilepsy and microvascular dysplasia or other diffuse parenchymal liver disease appear to be primary differential diagnoses based on the negative CT findings and patient history. Complementary CSF analysis and liver biopsy could be considered for further definition depending on the clinical and laboratory presentation.

SEX

Spayed Female

AGE

1 Year 4 Months



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DipECVDI

HOSPITAL NAME

Mobile Pet Imaging

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

REFERRING VET

Dr. Ciruta

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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Nele Eley (Ondreka), 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