



PATIENT

Alona Travieso

PRESENTING CLINICAL SIGNS

Alona presented to the clinic for ADR and seizures. Prednisone was given and tapered off. Keppra was started and no more episodes were seen but liver enzymes continued to rise. Abdominal ultrasound was performed and no obvious shunt or liver disease was seen. Patient has been over Simparica TRIO and is now only on Heartgard. Patient has had a history of coccidia. Want rule in out congenital brain disease or hepatic disease not seen in abdominal ultrasound. Abnormal PE/Chem/CBC/UA Results: CHEM --- ALT mild increased

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ABDOMEN

BREED

Havachon

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX

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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.

AGE

5 Months

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

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Center

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.

REFERRING VET

Dr. M. Fernandez,
DVM

The visible dentition is within normal limits.

Abdomen

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

INVOICE

58887

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.

DATE

6-19-23

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



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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.

SPECIES

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

BREED

Havachon

The bony and surrounding soft tissue structures reveal no abnormalities.

SEX

F

- COMPUTED TOMOGRAPHIC DIAGNOSIS**
- Normal CT presentation of the brain.
 - Normal CT presentation of the abdomen.
 - No structural evidence of hepatopathy.
 - No evidence of portosystemic shunt.

AGE

5 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study does not reveal evidence of portosystemic shunting. The CT presentation of the liver was within normal limits. Diffuse parenchymal disease including hepatitis, microvascular dysplasia, and storage disease cannot be ruled out. Further definition by means of liver biopsy could be considered depending on the clinical and laboratory correlation.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Primary epilepsy, metabolic/toxic, including hepatoencephalic syndrome, inflammatory or infectious meningoencephalitis are other potential underlying causes of the clinical signs. CSF analysis could be considered as well.

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SPECIES

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BREED

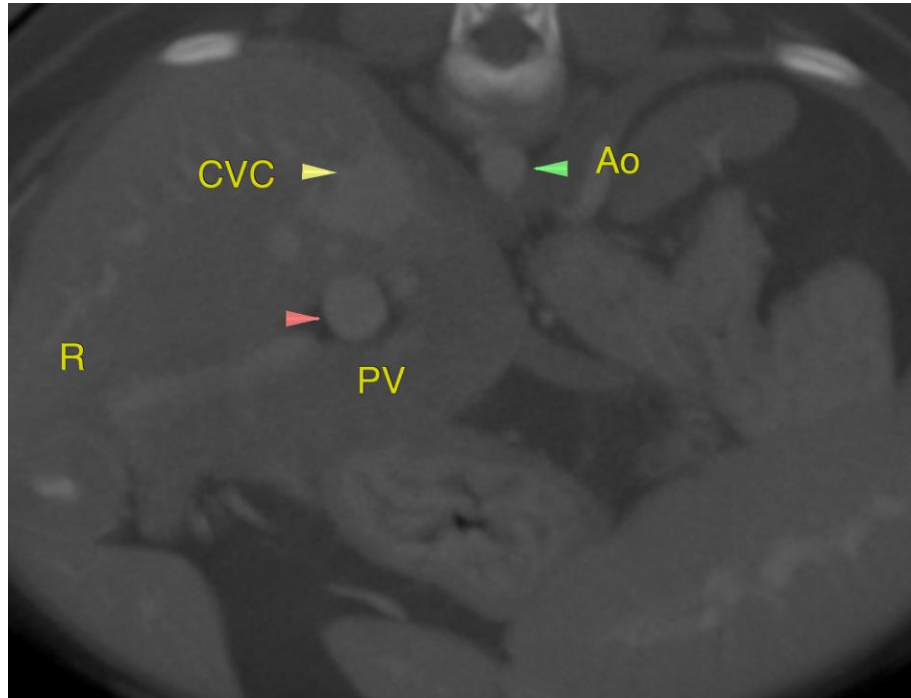
Havachon

SEX

F

AGE

5 Months



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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.

HOSPITAL NAME

Veterinary Image
Center

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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