



PATIENT PRESENTING CLINICAL SIGNS

Rocket Ebersole History: Presented with seizures at four weeks old. Dz: Seizure/neurologic changes, anemia, low protein and elevated ammonia; low grade heart murmur. Suspect right divisional intrahepatic shunt based on ultrasound. Current Meds: Lactulose 1ml bid; Amoxicillin (250mg/ml) 0.6ml bid; Gabapentin 100mg 8:30am today; L/D diet.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: 8/2/2023-Bile Acids Pre 40.7; Post 53.7; 7/31/2023-BUN 6; Na 141; TP 3.6; Albumin 1.4; Globulin 2.2; ALP 414; Ammonia 141; RBC 3.36; Hct 21.3; Hgb 7.3

BREED COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Golden Retriever A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

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

AGE

8 Weeks

Both kidneys present an increased volume. 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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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. Originating from the right lateral intrahepatic branch of the portal vein, a short anomalous connection is seen, draining into a right hepatic vein. The anomalous vascular connection is measuring 6.8 mm in diameter.

HOSPITAL NAME

Scanvet

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

REFERRING VET

Dr. Karen Ebersole

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, the growth plates are age related open.

INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS

24059

- Right divisional intrahepatic portosystemic shunt
- Renomegaly

DATE

8/25/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Rocket Ebersole

The findings are consistent with a congenital single intrahepatic portosystemic shunt originating from the right lateral intrahepatic branch of the portal vein, presenting as a short anomalous vascular connection. Hepatic encephalopathy is a potential cause for the neurological clinical signs. Slow progressive closure technique (coil, ameroid) is the therapy of choice. Empirical treatment until functional shunt closure along with feeding of a hepatic diet is recommended.

SPECIES

Canine

BREED

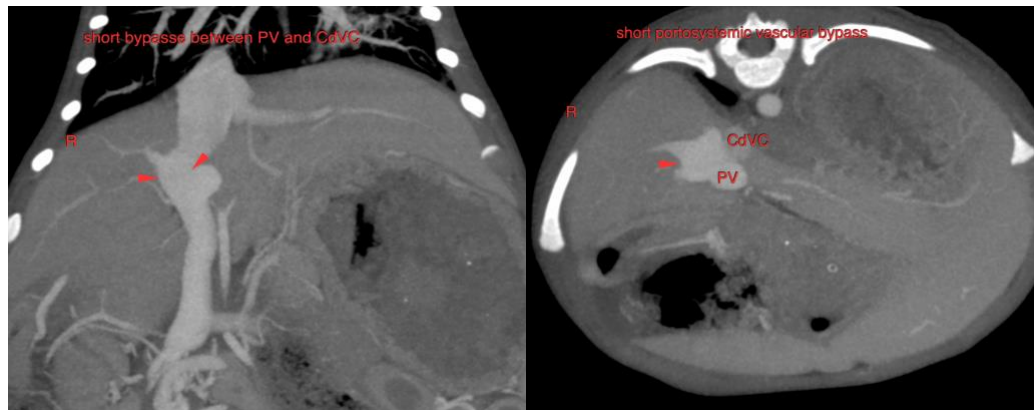
Golden Retriever

SEX

Male

AGE

8 Weeks



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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com

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REFERRING VET

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