


PATIENT PRESENTING CLINICAL SIGNS

Cobra Hawkins Young canine with elevated liver enzymes since 6 months of age (ALT and ALP). Albumin and cholesterol are also both low. Concern for possible congenital shunt since birth (intra-hepatic or extra-hepatic) versus cirrhosis and multiple acquired shunts vs. other. Dog also has chronic seizures (r/o possible epilepsy vs hepatic encephalopathy). Enamel hypoplasia present (possibly had distemper when younger)

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Low albumin, low cholesterol, high ALP, high ALT. Bile acids pending Mild microcytic anemia

BREED COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Hound Plain and post-contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS
SEX

Intact Male

Microhepatica is noted. Extrahepatic portal vein diameter is within normal limits. There is a single intrahepatic right divisional shunt connecting the right divisional portal vein branch in a short loop to the caudal vena cava. The portal vein branching and the remainder of the liver parenchyma is reduced. The central and left divisional portal vein branches are decreased in diameter. Caudal vena cava diameter is increased cranial to the shunt orifice. The gallbladder is moderately distended.

AGE

1 Year 11 Months

Multiple small mineral attenuating structures are seen within the stomach.

There is moderate bilaterally symmetrical renomegaly.

INTERPRETED BY

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

A mild amount of urinary bladder sand is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single congenital right divisional intrahepatic shunt
- Microhepatica
- Compensatory renomegaly
- Urinary bladder sand – likely ammonium urates
- Allotriophagia

HOSPITAL NAME

Animal Health
 Partners

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS
REFERRING VET

Dr. Ashley Gold

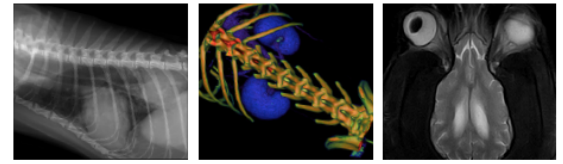
The CT study reveals a single right divisional intrahepatic portosystemic shunt. Surgical and interventional techniques of shunt attenuation should be discussed. Consider supportive dietetic and medical management in the meantime.

INVOICE

36702

DATE

4/1/22



PATIENT

Cobra Hawkins

SPECIES

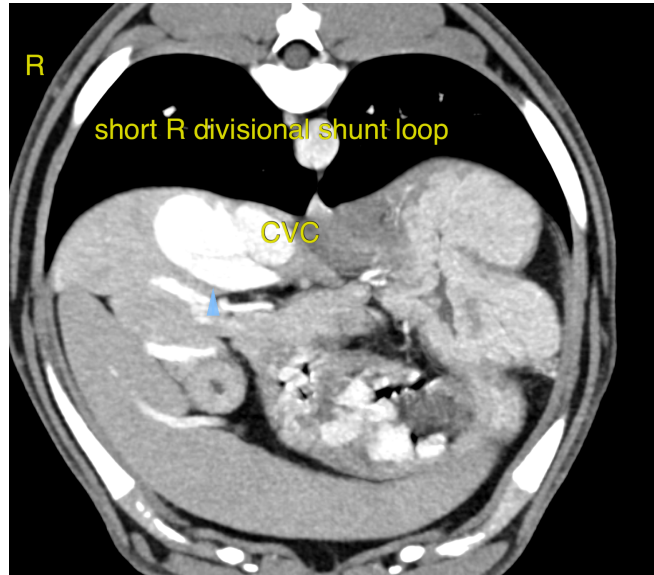
Canine

BREED

Hound

SEX

Intact Male



AGE

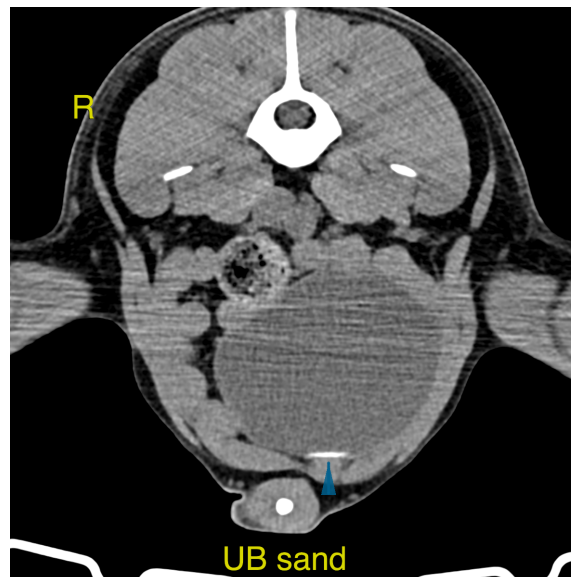
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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