



PATIENT

Ruby Burningham

PRESENTING CLINICAL SIGNS

Bile acid is 94 (high). Patient is tiny for her age and breed, liver is small on ultrasound. Suspect PSS.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

FS

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.

AGE

2 Years

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.

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

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

HOSPITAL NAME

Mountain West
Veterinary Hospital

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Structurally normal abdomen
- No evidence of macroscopic portosystemic shunting - neither intra- nor extrahepatic

REFERRING VET

Melanie Thompson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No macroscopic vascular bypass of the liver was noted in the pre- and post-contrast studies of the abdomen. However, 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.

INVOICE

52726

DATE

7-7-22

In general ultrasound guided Tru-cut biopsies of the liver may be performed with reasonably low potential for complications under the following conditions: platelet count > 50*103/μl, <25% prolongation of PT/PTT – less of deviation from normal values acceptable in presence of peritoneal effusion. The intensity of the post procedural patient monitoring needs to be tailored to the degree of deviation from normal reference ranges.



PATIENT

Ruby Burningham

SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Mountain West
Veterinary Hospital

REFERRING VET

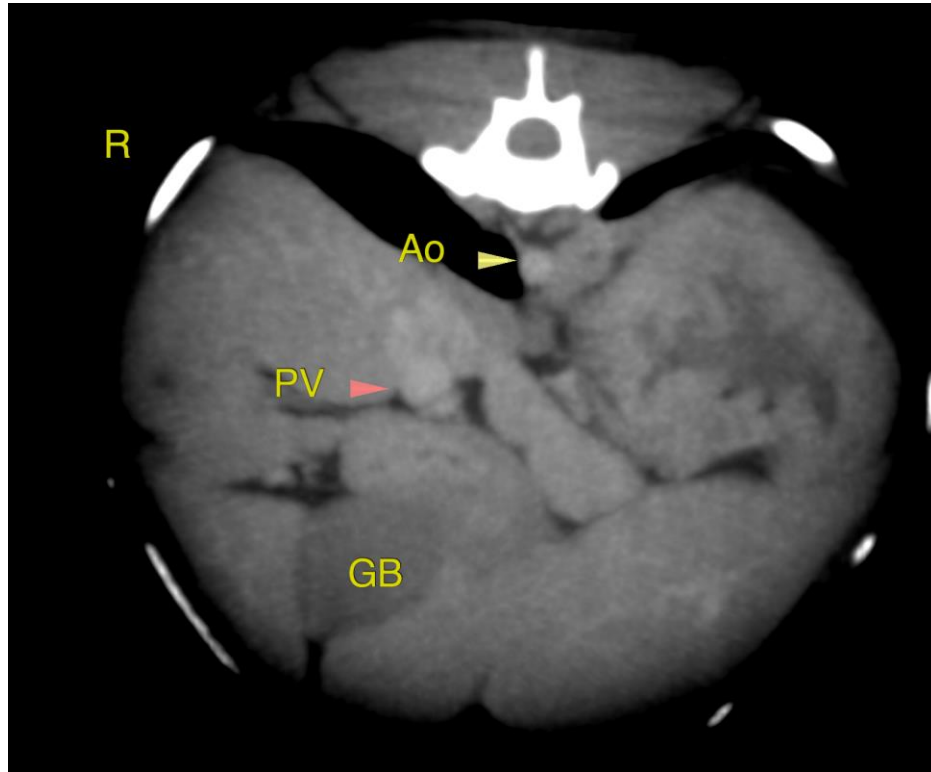
Melanie Thompson

INVOICE

52726

DATE

7-7-22



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.

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, 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