



PATIENT PRESENTING CLINICAL SIGNS

Maxi Palacios History: Patient has been acting normal. These findings were made during a routine exam.
Abnormal PE/Chem/CBC/UA Results: Elevated liver values, bile acids 157, post 175

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Shih Tzu The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. A separate right & left caudal venal cava of the pre-renal segment is appreciated.

SEX

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.

Neutered Male

The prostate is mildly prominent.

AGE

The adrenal glands are within normal limits for size, shape and organ architecture.

9 Years

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Originating from the left gastric vein, an anomalous vascular loop is extending cranially beyond the stomach – at the mediiodorsal aspect of the fundus of the stomach – coursing between the left hepatic lobes up to the level of the diaphragm. The anomalous vessel has a diameter of 4.2 mm. Level with the diaphragm, the anomalous vascular loop is draining into a moderately dilated phrenic vein.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Dr. Meaux

In the subcutaneous tissue of the perineal region, ventral to the anus, an ovoid shaped, well-defined, significant contrast enhancing nodule, measuring 17 x 8 x 13 mm in size is visible.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

16662

- Single congenital extrahepatic portosystemic shunt, left gastric vein to phrenic vein (porto-phrenic shunt)
- Subcutaneous perineal soft tissue mass
- Mild prominent prostate
- Double caudal vena cava – pre-renal segment

DATE

7/15/22



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

PATIENT Maxi Palacios The findings are compatible with a single congenital extrahepatic portosystemic shunt – porto-phrenic shunt. The well-developed intrahepatic portal vasculature is indicating a considerable portal blood-flow into the liver which can be a cause for the relative late onset of clinical signs.

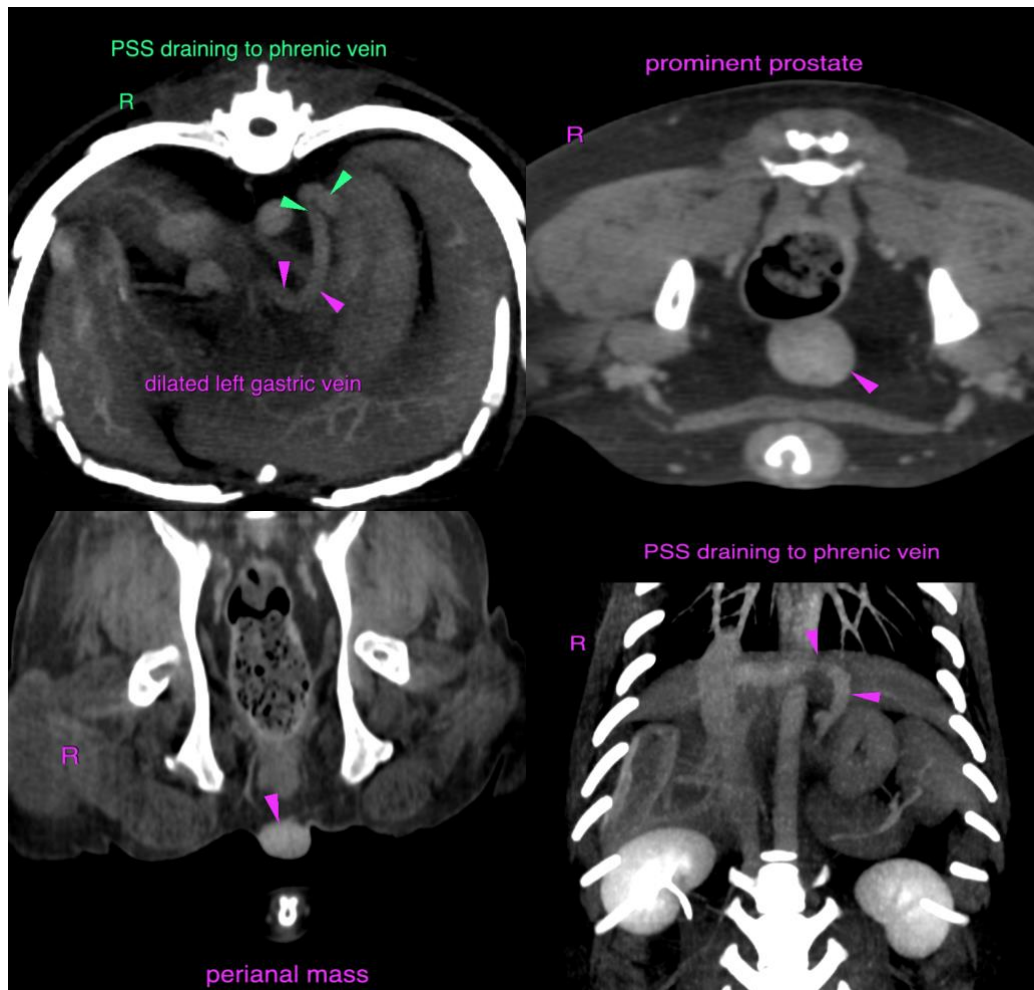
SPECIES Canine Surgical/interventional closure technique of the shunting vessel may be discussed with internal medicine. Due to the good development of the portal vasculature, an immediate closure of the shunting vessel may be possible after manual compression of the shunting vessel to check for development of signs for portal hypertension.

BREED Shih Tzu The perineal nodule is not specific, rule out perianal adenoma or other cutaneous neoplasm.

SEX Neutered Male The prostate is subjectively prominent for a neutered male dog, recommend FNA sampling to rule out neoplastic transformation (e.g. carcinoma).

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PATIENT

Maxi Palacios

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.

SPECIES

Canine

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
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BREED

Shih Tzu

SEX

Neutered Male

AGE

9 Years

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