



PATIENT PRESENTING CLINICAL SIGNS

Pawl Gascoigne History: Portosystemic shunt Lethargic Not eating Profuse diarrhea
Abnormal PE/Chem/CBC/UA Results: Unremarkable

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Canine A pre- and post-contrast CT study of the abdomen in a bone and soft tissue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

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

SEX Both kidneys present within normal limits for size, shape and organ architecture. A moderate amount of mineral attenuating material is associated with the renal pelvis bilaterally. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

Neutered Male

AGE

3

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

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma.

The hepatic volume is significantly decreased, the gastric axis is oriented cranially.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The portal vein presents a normal order of its tributary veins. Originating from the left intrahepatic branch of the portal vein an abnormal vascular loop is seen, bending ventrally. Originating from the anomalous intrahepatic vascular loop of the portal vein, three aberrant vessels are appreciated – one is curving to the right and dorsally, draining into a right hepatic vein, the other two intrahepatic vascular loops are bending cranially to the left and curving dorsally, draining into a dilated left hepatic vein.

HOSPITAL NAME

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous.

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

REFERRING VET

Dr. Eamon

The caudal vertebral endplate L5 presents mild irregular margins of the subchondral bone and the respective vertebral endplates L5/L6 present moderate spondylosis formation.

Multiple hemivertebra are appreciated along the caudal thoracic spine.

INVOICE

20684

The dorsal aspect of the endplate of L7 is flattened and an isolated mineral attenuating fragment is seen level with the anulus of the respective vertebral disc.

DATE

1/20/23



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

- Pawl Gascoigne
- Congenital intrahepatic portosystemic shunt, originating from the left intrahepatic branch with at least three collateral vessels – draining into a right and a left hepatic vein
 - Microhepatica
- SPECIES**
- Nephrolithiasis without signs of mechanical obstruction – likely ammonium urate secondary to the shunt
- Canine
- Chronic discopathy L5/L6
 - Disturbed ossification caudal vertebral endplate L7 with small isolated mineralized body associated with the anulus of the lumbosacral intervertebral disc

BREED

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

French Bulldog

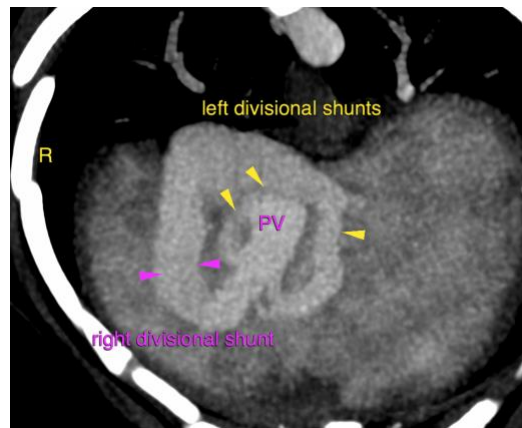
SEX

Neutered Male

The CT study is confirming the diagnosis of an intrahepatic portosystemic shunt with multiple shunting vessels originating from the left intrahepatic branch of the portal vein – one is coursing to the right and draining into a right hepatic vein and two are shunting into a left hepatic vein. Given the complex nature of the shunts, an interventional technique is considered as the preferred therapy option (e.g. coil embolization. Empirical treatment until functional shunt closure is recommended.

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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.

REFERRING VET

Dr. Eamon

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
sebast.schaub@gmail.com

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Pawl Gascoigne

SPECIES

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SEX

Neutered Male

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