



PATIENT PRESENTING CLINICAL SIGNS

Oakley Florida
Coastal Cocker
Rescue

History: Elevated bile acids, prolonged recovery from anesthesia. Rule out liver shunt.
Abnormal PE/Chem/CBC/UA Results: WBC 22.9 ALT 272, Bile acids 180 Ammonium biurate crystals in urine

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Canine

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Cocker Mix

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

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.

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

Neutered Male

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

AGE The diameter of the portal vein cranial to the splenic vein is mildly tapering, the intrahepatic portal branches can be seen up to the third order vessels. The left gastric vein is dilated presenting a greater diameter as the portal vein at the same level. An anomalous vascular loop is originating from the left gastric vein extending cranially and dorsally in a moderate tortuous manner, draining into the dilated azygos vein. The anomalous vessel is measuring approximately 5 mm in diameter.

INTERPRETED BY

Sebastian Schaub,
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

Mobile Pet Imaging

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

- Congenital single extrahepatic portosystemic shunt, left gastric vein to azygos vein (porto-azygos shunt)

Meaux

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE The current CT study is consistent with a congenital single extrahepatic portosystemic shunt (left gastric vein to azygos vein).

13272

Surgical intervention by a slow progressive closure technique (ameroid constrictor, cellophane banding) is the therapy of choice. In the current case ligation of the shunt vessel may be feasible as well if there is no evidence of portal hypertension during digital compression of the shunting vessel.

DATE

9/24/21



PATIENT Empirical treatment until surgery along with feeding of a hepatic diet is recommended

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Coastal Cocker
Rescue

SPECIES

Canine

BREED

Cocker Mix

SEX

Neutered Male

AGE

2 Years

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Mobile Pet Imaging

REFERRING VET

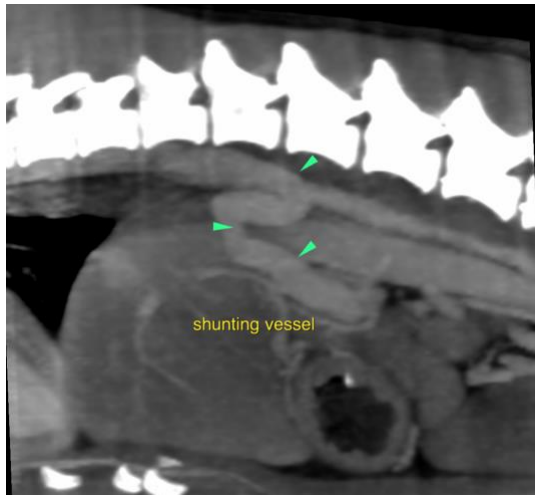
Meaux

INVOICE

13272

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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.

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.

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