



PATIENT

Poppy Thomson

PRESENTING CLINICAL SIGNS

Clinically normal puppy at home - no clinical signs or neurologic signs. Elevated ALT liver enzyme discovered incidentally on pre-anesthetic blood work prior to spay.
Abnormal PE/Chem/CBC/UA Results: Mildly elevated ALT. Markedly elevated post-prandial bile acids (300). Clinically normal. Protein C pending as well.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and abdominal angiography available for review in bone and soft tissue windows.

BREED

Frenchie

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

F

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.

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

AGE

6 Months

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.

HOSPITAL NAME

Animal Health
Partners

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

A concave defect is seen within the dorsal and right lateral aspect of the caudal vertebral end plate of L7. A mildly displaced dissecate is situated within the ventral and right epidural space of the vertebral canal.

REFERRING VET

Dr. Gold

Incomplete midline fusion of the 1st sacral vertebra is seen.

The 4th lumbar vertebra is a lateralized hemivertebra. More hemivertebrae are seen within the mid-thoracic spine from T6 through T9.

INVOICE

50035

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal age related abdomen.
- No evidence of portosystemic shunt and no structural evidence of hepatopathy.
- Osteochondritis dissecans of the caudal vertebral end plate of L7.
- Multiple congenital vertebral malformation.

DATE

2-2-22



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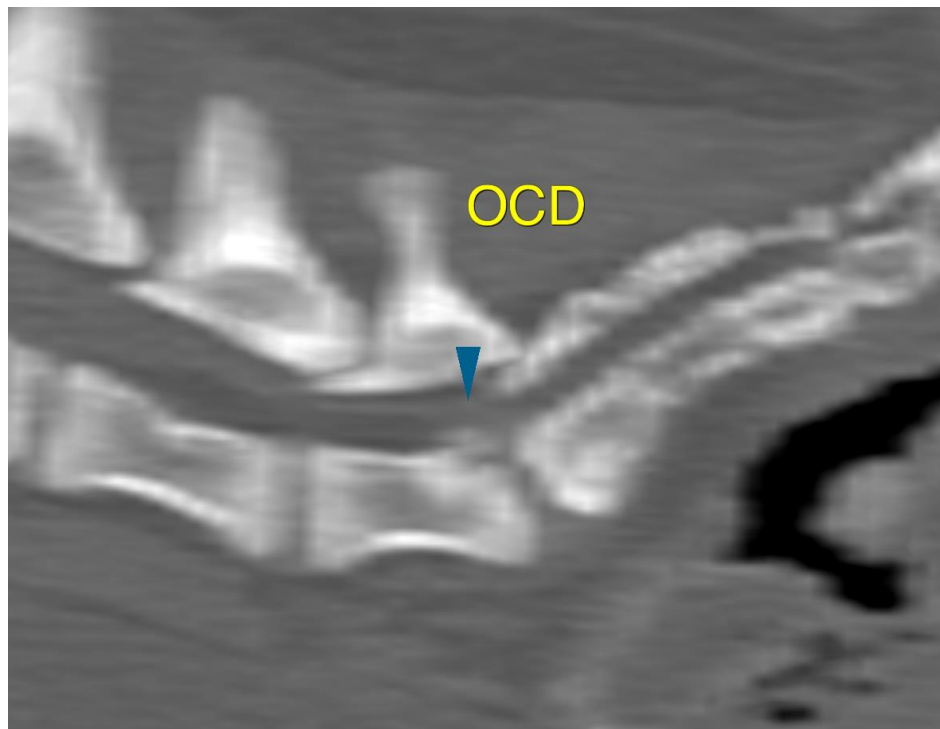
2-2-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no evidence of a congenital extra- or intra- hepatic portal vascular bypass. The CT presentation of the liver and portal vasculature is within normal limits. Liver biopsies could be considered to rule out microvascular dysplasia or other diffuse hepatopathy if this was a primary suspicion.

The presence of vertebral end plate sclerosis is noted in the vertebral end plate of L7 which may predispose the lumbosacral disc to degeneration and protrusion.

Multiple congenital vertebral malformations are seen throughout the thoracolumbar spine which is common in French bulldogs.





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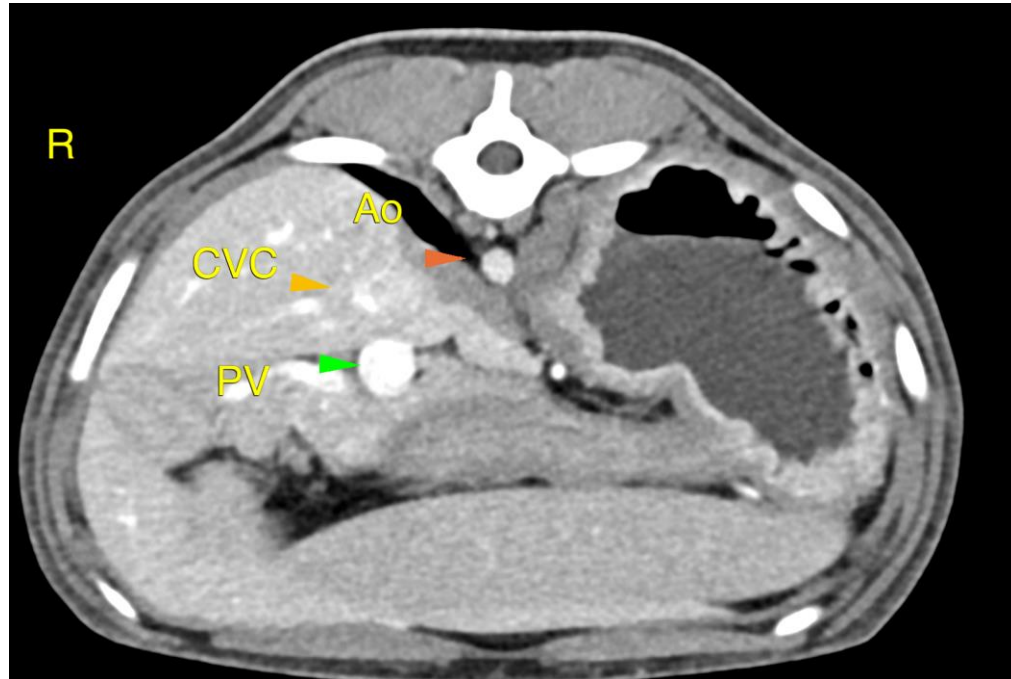
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

Animal Health
Partners

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