



PATIENT PRESENTING CLINICAL SIGNS

Oscar Fraijo History of elevated liver enzymes. ALT 2734, ALP 2217. Ultrasound: LIVER: ENLARGED LEFT LIVER LOBE WITH 1.84 HYPERECHOIC NODULE. Normal appetite/drinking, no vomiting or diarrhea. Very icteric on exam.

SPECIES COMPUTED TOMOGRAPHY OF THE ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

French Bulldog The cranial abdomen presents with moderate motion artifacts.

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. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

AGE The caudal extremity of the spleen, presents a intraparenchymal nodular lesion, measuring 15 mm in size, causing focal mild convex bulging of the splenic surface – presenting a mild heterogeneous contrast enhancement pattern. The remainder of the splenic parenchyma are uniform soft tissue attenuating and contrast enhancing.

8 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The volume of the caudate process of the caudate liver lobe is significantly increased. The remaining liver lobes present a significantly decreased volume with irregular margins. At the medial aspect of the left kidney, a bunch of anomalous small tortuous vessels is seen.

The gallbladder contains a mild amount of hyperattenuating biliary sludge.

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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. Gans

The vertebral endplates along the lumbosacral junction present advanced spondylosis formation.

At the medial aspect of the aortic arch, at the base of the heart, a soft tissue mass is partially included in the field of view.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

53115

- Enlarged caudate process of the caudate liver lobe, otherwise microhepatica with irregular margins
- Multiple acquired extrahepatic portosystemic shunts
- Heart base mass
- Small splenic nodular lesion
- Spondylosis deformans

DATE

7-27-22



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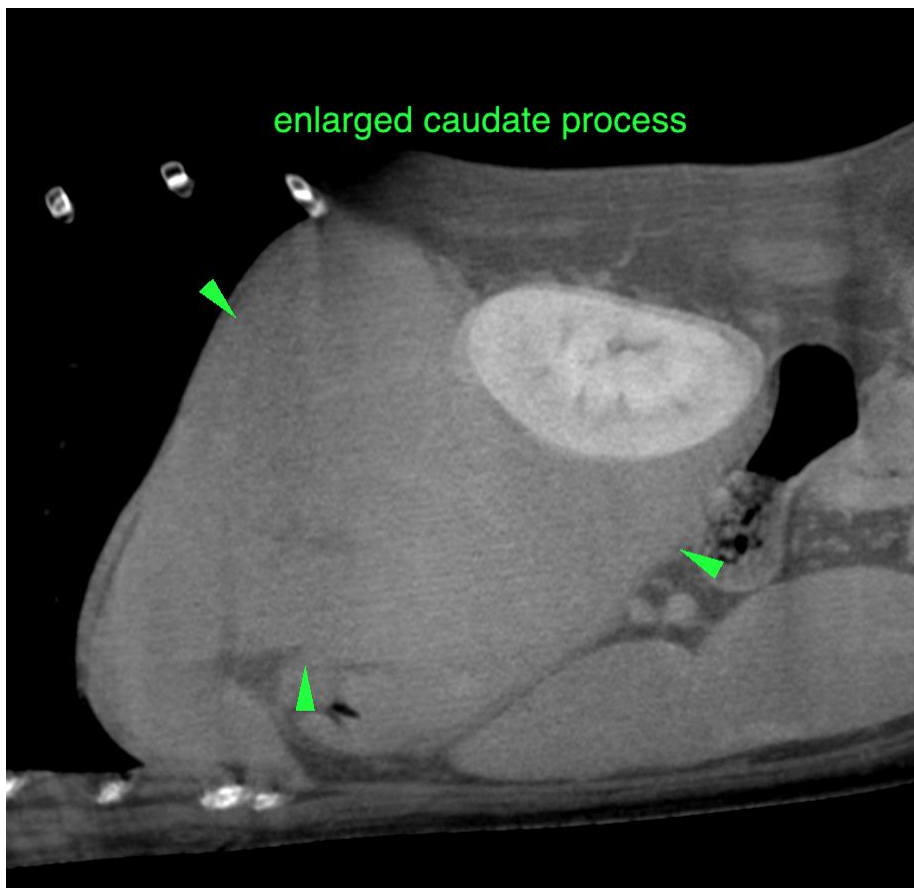
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The multiple acquired portosystemic shunts in conjunction with the reduced hepatic volume are suggestive for hepatic cirrhosis or chronic hepatitis with secondary portal hypertension. The enlarged caudate process is described as a common sequela in hepatic cirrhosis in human medicine. Hepatic biopsy might be used as advanced diagnostic tool. The prognosis is guarded.

The splenic nodular parenchymal lesion is most suggestive for benign nodular hyperplasia, ultrasound guided FNA sampling can be considered to rule out malignant transformation entirely.

The heart base mass in the brachycephalic dog is highly suggestive for paraganglioma (chemodectoma), a slow growing tumor that can predispose for pericardial effusion.





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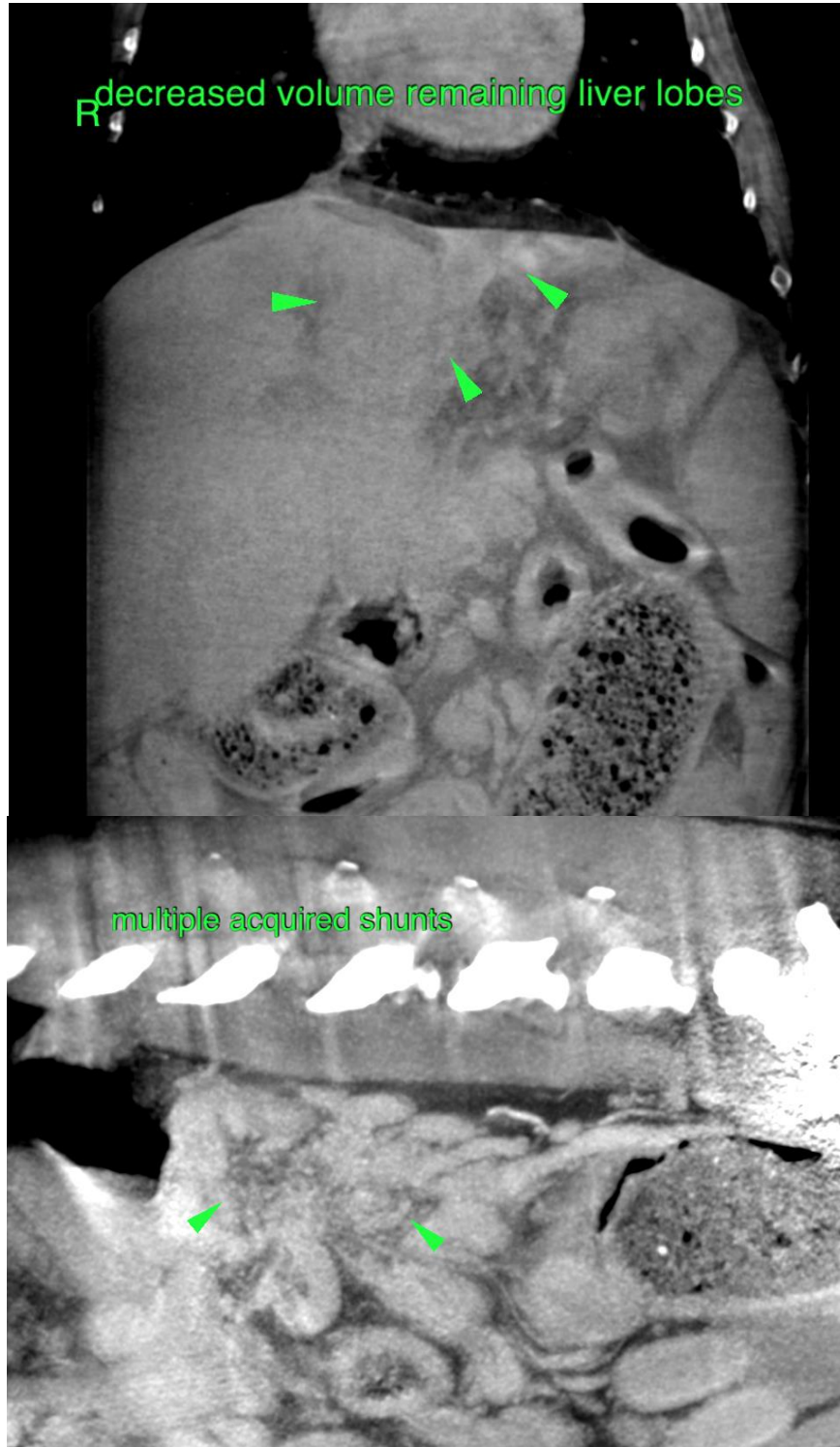
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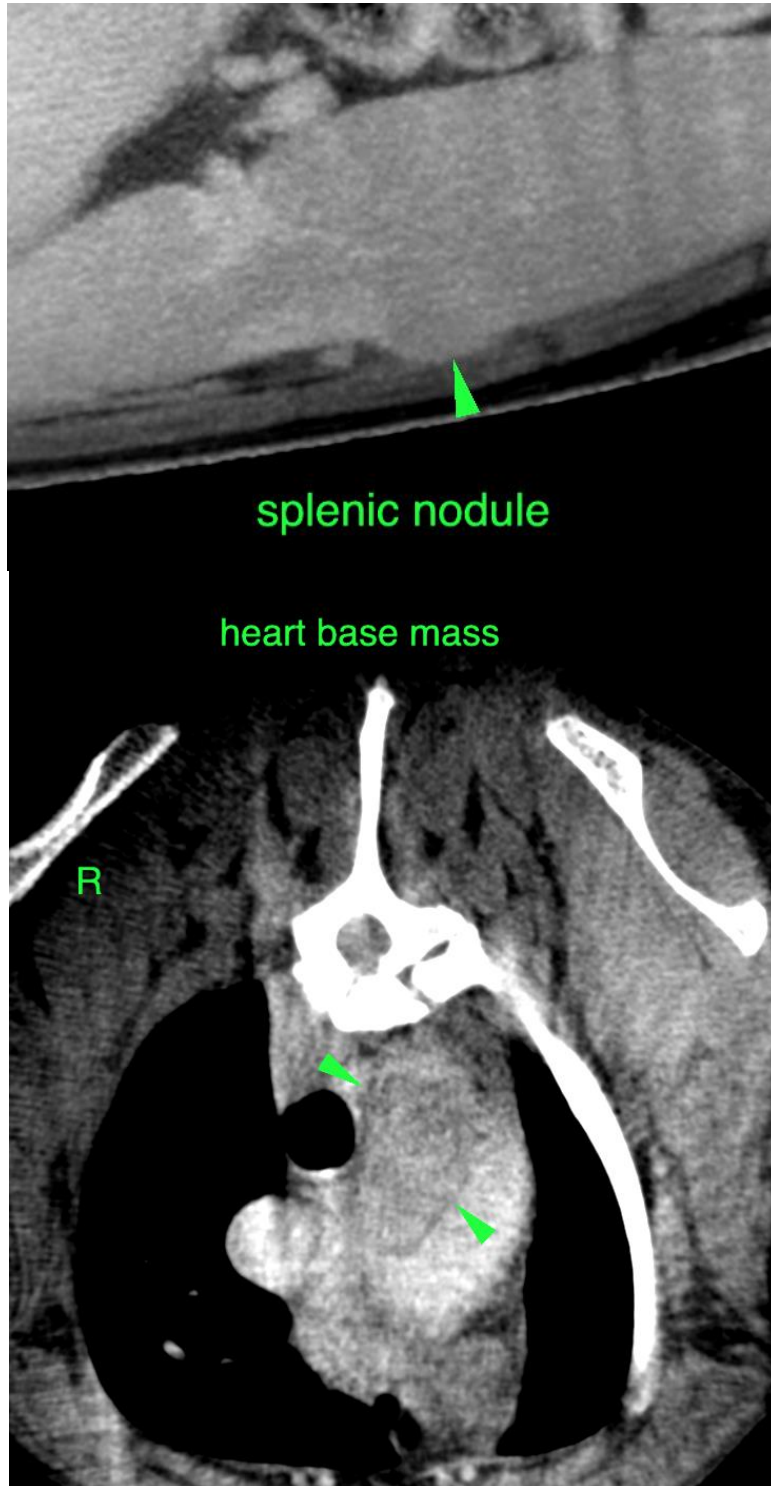
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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