



PATIENT

Odie Gonzalez

PRESENTING CLINICAL SIGNS

Patient presents to the clinic for vomiting. Blood labs were performed and the ALT was elevated. He was sent home with Denamarin and a liver diet. The labs were repeated and the ALT continued to be elevated, although with improvement. He was ordered to make bile acids and these came out elevated. The patient has not shown neurological symptoms so far. Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- ALT elevated Bile Acids --- Pre and Post Prandial: elevated

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

BREED

Shih Tzu

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

M

A mild amount of fluid is seen within the caudal thoracic esophagus.

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

AGE

4 Years

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

The gallbladder is moderately distended. The cystic duct is folded upon itself. No evidence of abnormal opacities is seen throughout the gallbladder and there is no wall thickening. The common bile duct and papilla duodeni major present within normal limits.

HOSPITAL NAME

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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.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

REFERRING VET

Dr. M. Carrillo, DVM

There is the subjective impression of mild generalized wall thickening throughout the stomach and small intestine. Gastric wall layering appears to be maintained and overall measurements of the gastric wall thickness average out as normal and within the reference range. The duodenal wall is relatively thick at a maximum of 5.5mm. No significant alteration of the wall layering is noted throughout the small intestine.

INVOICE

47553

The mesenteric lymph nodes present within normal limits.

DATE

9-27-21

COMPUTED TOMOGRAPHIC DIAGNOSIS

- No evidence of a portosystemic shunt.
- Normal CT appearance of the liver.
- Mild subjective wall thickening of the stomach and small intestine with accentuation



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- of the duodenum.
- Distended gallbladder.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT presentation of the liver and portal vascular system is within normal limits. No evidence of congenital or acquired portosystemic shunting is seen.

A subjective impression of mild gastric and small intestinal wall thickening is noted accentuating the duodenum which is suggestive for duodenitis; however, thickness measurements are within the expected range and no alteration of the wall layering is seen. There is no evidence of associated lymphadenopathy. The significance of the subtle CT changes is questionable and further definition would only be indicated in case of pertinent clinical signs. Liver biopsies could be considered in order to screen for diffuse parenchymal pathology.

SEX

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Center

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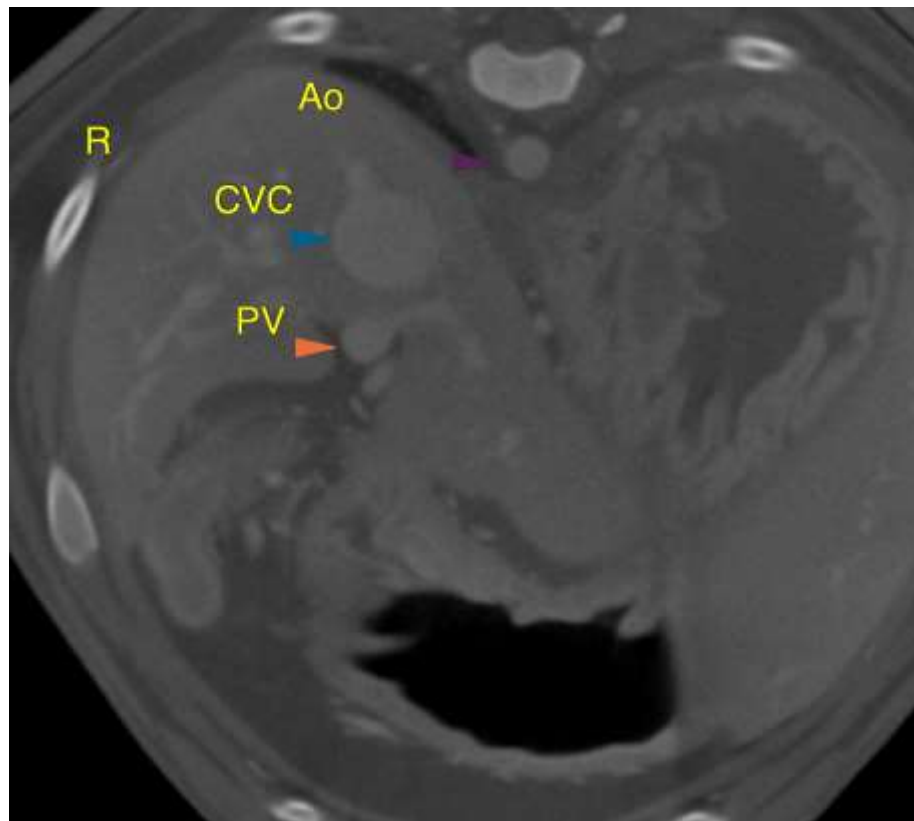
Dr. M. Carrillo, DVM

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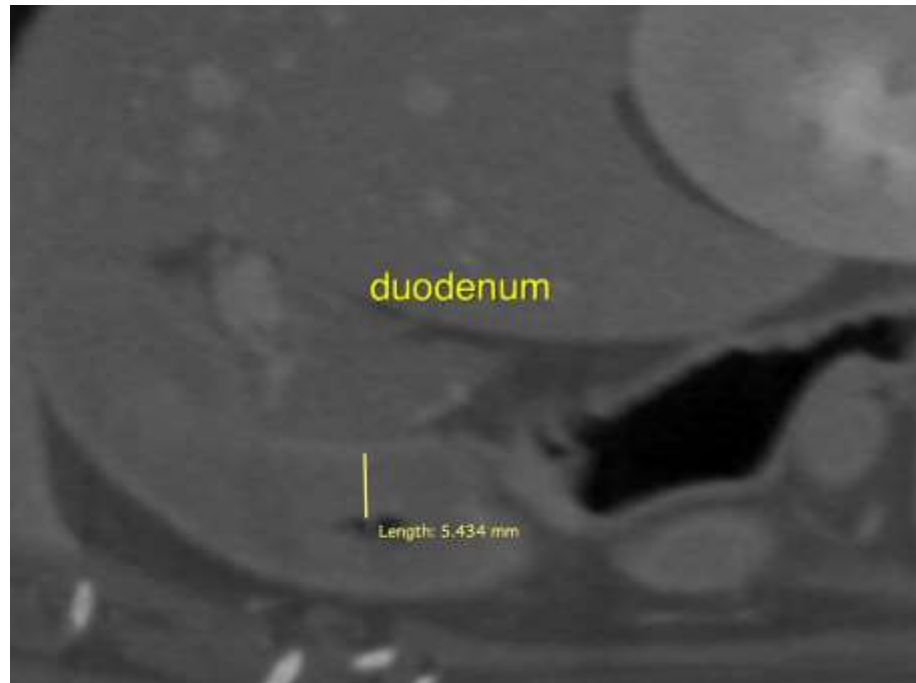
Shih Tzu

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Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Veterinary Image
Center

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