



PATIENT

Lizzy Arnold

PRESENTING CLINICAL SIGNS

Neurologic signs, elevated bile acids. Possible Portosystemic shunt

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

BREED

Jack Russell Terrier

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

The bony and surrounding soft tissue structures are within normal limits.

SEX

Female

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

Presence of a thymic remnant is noted in the cranioventral mediastinum and within age related normal limits.

AGE

17 Weeks

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

Abdomen

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

REFERRING VET

Dr. Becton

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.

INVOICE

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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.

DATE

8-8-22

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



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A mild amount of mineral attenuating material is seen within the stomach. Mild generalized gastric wall thickening is noted.

The descending colon contains a moderate amount of highly inspissated fecal matter.

SPECIES

Canine

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Jack Russell Terrier

- No evidence portosystemic shunt.
- Suspect gastritis.
- Coprostasis
- Mineral content within the stomach – likely pica/allotriophagia.

SEX

Female

The CT study reveals no evidence of a congenital or acquired vascular portosystemic bypass. Hepatitis such as viral, leptospira, or inflammatory cholangiohepatitis, toxicity, microvascular dysplasia, and cholestatic liver disease such as lipidosis and vacuolar hepatopathy are potential differential diagnoses in absence of structural changes of the liver. Further definition by means of liver biopsy could be considered.

AGE

17 Weeks

The mineral material within the stomach is likely due to oral intake of mineral material such as bones or small stones.

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SPECIES

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BREED

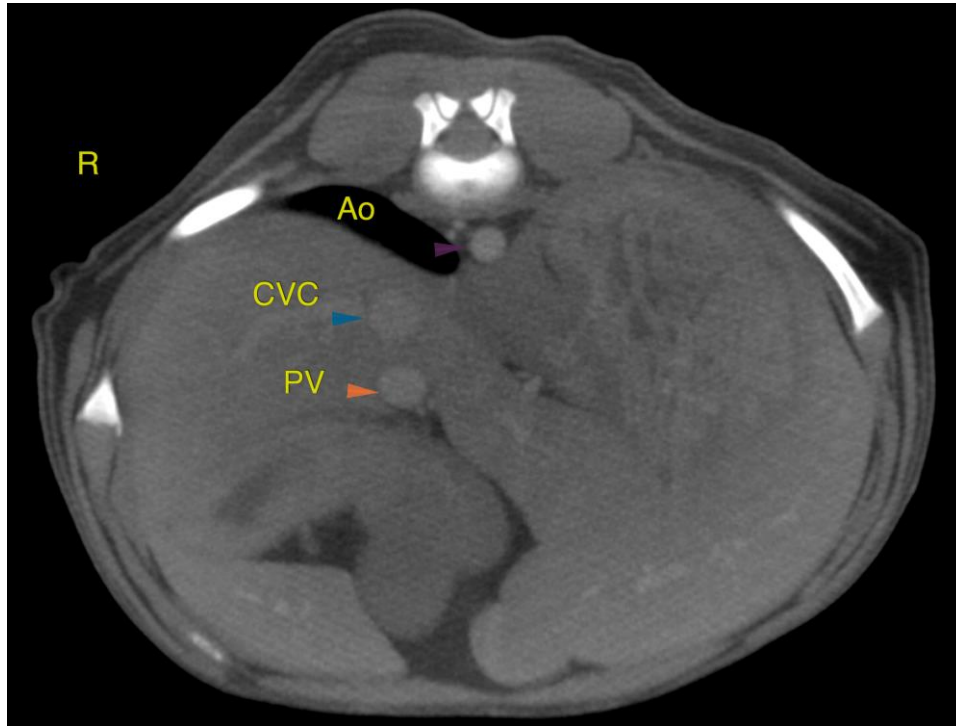
Jack Russell Terrier

SEX

Female

AGE

17 Weeks



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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.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

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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