



PATIENT

Shay Raney

PRESENTING CLINICAL SIGNS

Consistent hypoglycemia. Specialty practice suspicious of insulinoma?
Abnormal PE/Chem/CBC/UA Results: Lymphocytes 0.92 Platelets 143

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

BREED

Labrador Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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.

SEX

Spayed Female

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

AGE

8 Years, 10 Months

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Abdomen

HOSPITAL NAME

Neel Veterinary
Hospital

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.

REFERRING VET

Deepan Kishore

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

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

INVOICE

53001

An approximately 3 x 2 cm sized isoattenuating nodule is seen in the caudal aspect of the right pancreatic lobe. The nodule appears to expand the pancreatic capsule. No evidence of peripheral fat stranding is seen. The remainder of the pancreas presents within normal limits. The regional lymph nodes present within normal limits.

DATE

7-20-22

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

Moderate cranial lumbar degenerative spondyloarthropathy is seen and there is mild spondylosis deformans as well as mild lumbosacral disc protrusion.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Isoattenuating nodule within the caudal aspect of the right pancreatic lobe.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals presence of a 3 x2 cm sized nodule in the caudal right pancreatic lobe. Synthesizing the imaging findings with the clinical history, insulinoma appears to be a primary differential diagnosis. In theory, other pancreatic pathology such as benign nodular hyperplasia, adenocarcinoma, and secondary neoplasia of the pancreas are potential differential diagnoses. Surgical exploration could be considered depending on the clinical and laboratory context.

The CT study of the lung did not reveal evidence of metastatic disease. The periportal lymph nodes and liver presented within normal limits as well.



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.

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