



PATIENT

Chanel Hanley

PRESENTING CLINICAL SIGNS

? insulinoma, ? neoplasia Ultrasound findings-homogenous & enlarged pancreas, enlarged para-aortic LN, dilated gall bladder. Hepatobiliary system otherwise normal. Urogenital system normal. no free fluid hypoglycaemia possible hypoglycaemic episode

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Pathologist comment: High insulin level with persistent hypoglycaemia suggestive of insulinoma. Fructosamine may be low due to persistent hypoglycaemia Cranial abdo pain on palpation Appetite +++, owner does not think PU/PD no V+/D+/c/S BAR, TPR WNL Hydration ok grade 4 dental disease, severe halitosis

BREED

English Cocker Spaniel

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen in a bone, lung and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Female

Thorax

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

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 is uniform and considered within normal limits.

AGE

9

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Advanced Veterinary Imaging

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

Abdomen

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

REFERRING VET

Alexandria Tyson

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 cranial pole of the left adrenal gland presents with a central hyperattenuating zone in the early post contrast phases.

INVOICE

52517

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

Level with the body of the pancreas, a post contrast moderate contrast enhancing ovoid shaped nodule measuring 1.2 x 1.0 x 1.3 cm in size is appreciated. No left limb of the pancreas is appreciated.

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6-20-22

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



PATIENT

The bony and surrounding soft tissue structures reveal no abnormalities.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Nodular pancreatic lesion, body of pancreas
- Suspect hypoplasia/agenesis of the left lobe of the pancreas
- Post contrast hyperattenuating zone cranial pole left adrenal
- No evidence of pulmonary metastatic disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The pancreatic nodular lesion is supporting the diagnosis of insulinoma. The pancreatic nodule is in direct proximity of the common bile duct. Diagnostic celiotomy including thorough palpation of the pancreas to check for additional nodular lesions and decision making if marginal resection of the pancreatic nodule is possible appears beneficial.

SEX

Female

The in the early post contrast phases hyperattenuating intraparenchymal lesion in the cranial pole of the left adrenal gland can present metastasis of suspected insulinoma. However, benign lesion such as small nodular hyperplasia is a potential as well.

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Imaging

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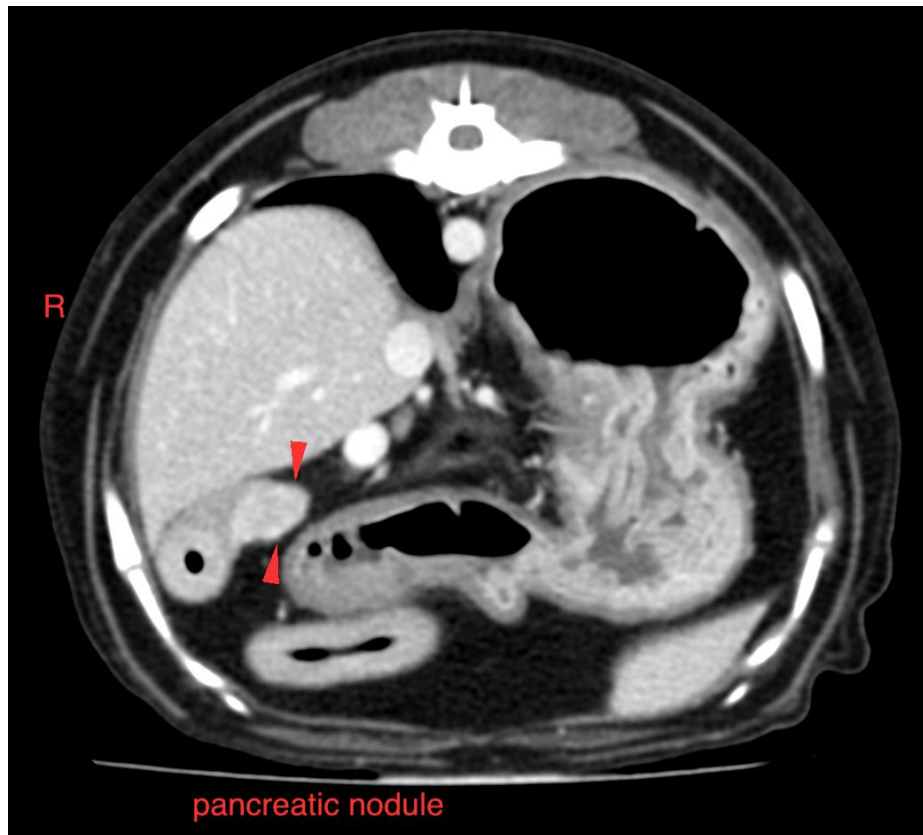
Alexandria Tyson

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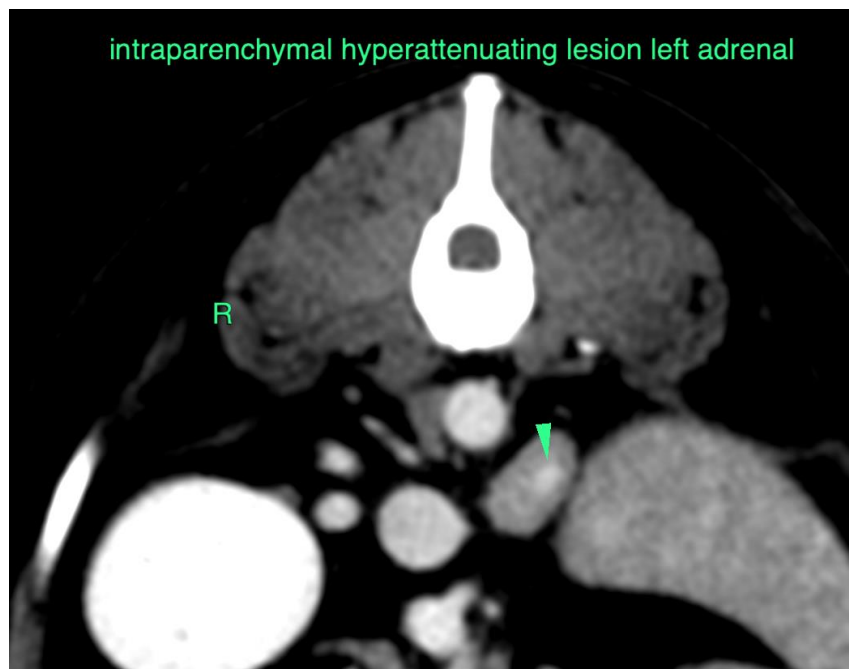
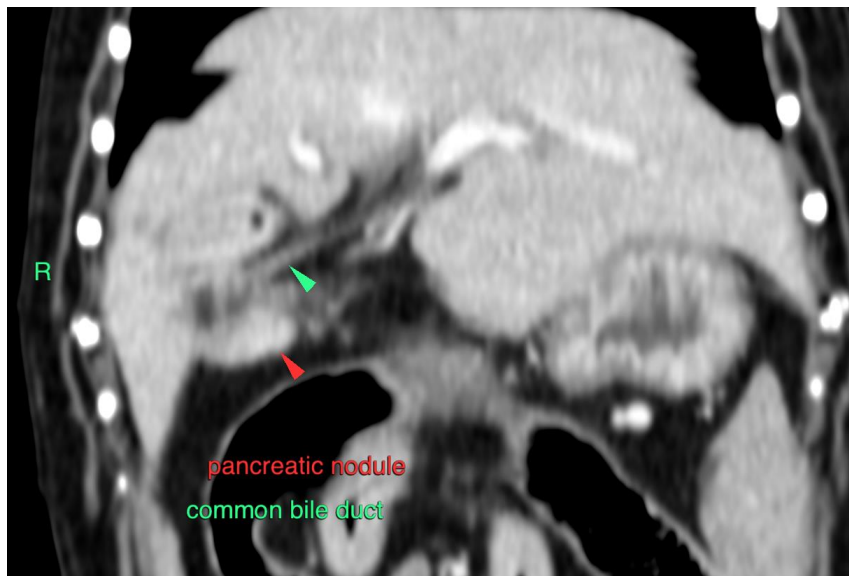
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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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Spaniel

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