



PATIENT

Jax #4580I Rios

PRESENTING CLINICAL SIGNS

Suspect insulinoma based on lab results attached and persistent hypoglycemia without overt clinical evidence. Scan today to assess for metastatic disease and an attempt to identify a pancreatic mass.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: persistent glucose at or below 54 glucose insulin paired samples suggest insulinoma -- see attached

BREED

Nova Scotia Duck
Tolling Retriever

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

SEX

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

MN

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 Years, 11 Months

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

Gentle Doctor Animal
Hospital

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

Abdomen

REFERRING VET

Pete Bashara, DVM

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.

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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.

DATE

11-30-21

Level with the corpus of the pancreas, a heterogeneous moderate contrast enhancing soft tissue attenuating nodule measuring 1.5 x 1.5 x 2.0 cm in size protruding beyond the surface of the pancreas. The pancreatic nodule is located level with the papilla duodeni major.



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

The bony and surrounding soft tissue structures reveal no abnormalities.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue nodule originating from the corpus of the pancreas
- No evidence of pulmonary metastatic spread

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The pancreatic nodule in combine in combination with the laboratory changes is supporting the diagnosis of insulinoma. The pancreatic nodule is located in the region of the major duodenal papilla which might prevent complete surgical excision.

No macroscopic metastatic spread to the abdominal organs is appreciated.

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SEX

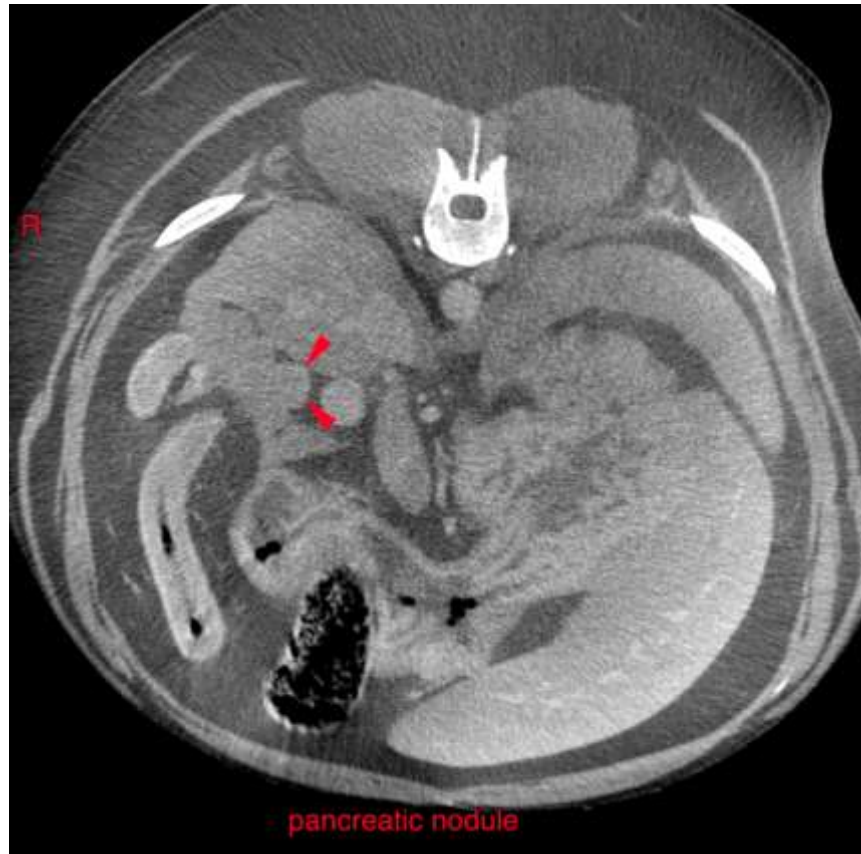
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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