



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Luke Nilsson 11 yo MN Labrador Retriever presented for evaluated for large bowel diarrhea - improved on metronidazole. On ultrasound incidentally found bilateral adrenal masses. Normal urinary metanephrine/normetanephrine test (essentially rules out pheochromocytoma). ACTH stim test pending, but no clinical signs of cushing's.

SPECIES Canine Abnormal PE/Chem/CBC/UA Results: Normal urinary metanephrine/normetanephrine test ALT minimally elevated. Normal ALP. Normal PE

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX Thorax

MN 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 11 Years 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 Animal Health Partners 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. A short linear metal attenuating body is seen in the peritoneal fat at the right lateral aspect of the gallbladder, measuring 7 mm in length.

REFERRING VET Dr. Ashley Gold 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.

INVOICE 53428 Both adrenal glands present with a uniform soft tissue attenuating and heterogeneous contrast enhancing nodular lesion, originating from the cranial pole, measuring 2.6 cm (right) and 2.2 cm (left) in diameter.

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

DATE 8-11-22 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.



PATIENT

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

Luke Nilsson

Multiple subcutaneous lipomas are seen along the abdominal wall. The intervertebral disc L6/L7 and L7/S1 is mildly protruding into the vertebral canal respectively.

SPECIES

COMPUTED TOMOGRAPHIC DIAGNOSIS

Canine

- Bilateral adrenal nodular mass without vascular invasion
- Multiple subcutaneous lipomas along the abdominal wall
- Incidental small migrating foreign body (wire) right cranial abdomen
- Mild intervertebral disc protrusion L6/L7 and L7/S1
- Normal thorax, no evidence of pulmonary metastatic disease

BREED

Labrador

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

The CT study is fitting the history of bilateral adrenal masses and differentials that need to be considered include (non)functional macronodular hyperplasia or neoplastic transformation (e.g. adenoma, adenocarcinoma, pheochromocytoma). Testing of the pituitary adrenal axis has already been performed and results are pending.

MN

AGE

No additional clinically relevant pathologies are appreciated.

11 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

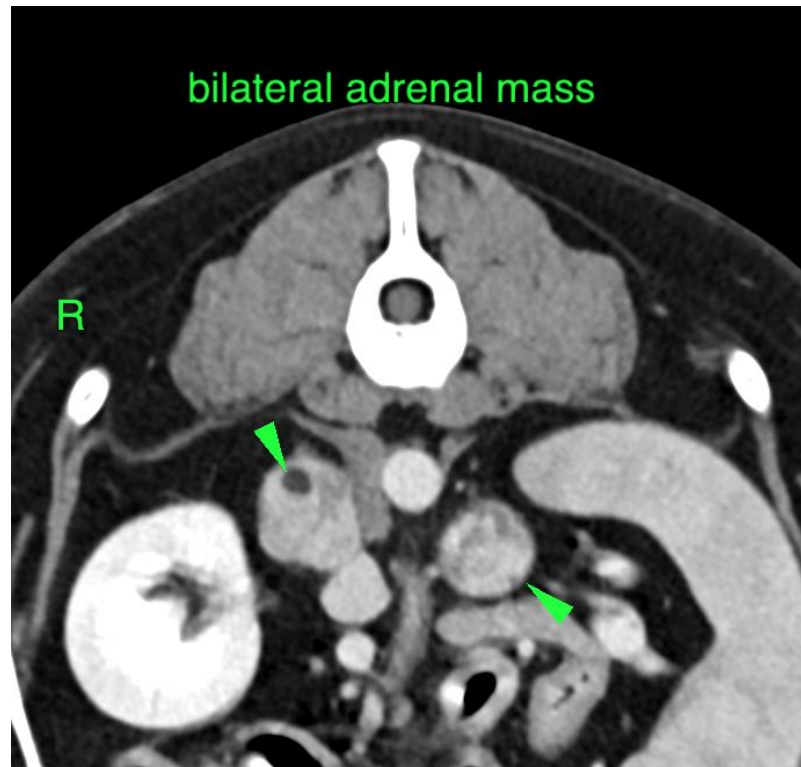
Dr. Ashley Gold

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PATIENT

Luke Nilsson

SPECIES

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Labrador

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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.

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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