



PATIENT PRESENTING CLINICAL SIGNS

Marley Markward History: Weight loss, lethargy, gastrointestinal upset. Abd ultrasound- showed a possible adrenal mass vs other.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Canine A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX
Spayed Female Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration the right parenchyma of the cranial pole of the right kidney presents a roundish intraparenchymal filling defect.

AGE
13 Years The right adrenal gland presents with an intraparenchymal heterogeneous contrast enhancing nodule, measuring 11 mm in diameter.

The hepatic volume is moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. The caudoventral hepatic margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and homogeneous contrast enhancing. Mild branching mineralization is seen following the course of the hepatic veins.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The cranial extremity of the spleen presents with a homogeneous soft tissue attenuating and heterogeneous contrast enhancing mass, measuring 4.5 x 3.2 x 5.3 cm in size.

HOSPITAL NAME

Mobile Pet Imaging 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.

REFERRING VET

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

INVOICE

16663 Ventral to the anus, two central fluid attenuating structures are seen, measuring 6 mm in diameter and appear to be unrelated to the anal sacs.

In the subcutaneous tissue of the right abdominal wall, level with L2, a well-defined, ovoid shaped nodule is seen.

DATE

7/15/22



PATIENT The intervertebral discs of the thoracolumbar junction are mildly protruding into the vertebral canal. The intervertebral discs L6/L7 and L7/S1 are moderately protruding into the vertebral canal, occupying approximately up to 30% of the cross-sectional area of vertebral canal at the same level.

Marley Markward

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Right sided adrenal nodule
- Splenic soft tissue mass
- Hepatomegaly
- Intramural cystic ventral aspect of the anus

BREED

Beagle

- Intervertebral disc protrusion L6/L7 and L7/S1 with possible dynamic myelocompression
- Incidental mild mineralization of the intrahepatic biliary tree
- Renal cortical cyst
- Non-specific subcutaneous soft tissue nodule right abdominal wall

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is confirming the diagnosis of a adrenal nodule of the right adrenal gland. Differentials include (non)functional adrenal hyperplasia/macronodular hyperplasia or neoplastic disease (e.g. adenoma, adenocarcinoma, pheochromocytoma). Testing of the pituitary adrenal axis can be used as advanced diagnostic tool.

AGE

13 Years

There is a splenic mass originating from the cranial extremity, the odds for nodular hyperplasia are high, however neoplastic disease needs to be considered as well. Independent of the dignity of the mass, splenic masses may rupture and cause peritoneal hemorrhage.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

HOSPITAL NAME

Mobile Pet Imaging

Recommend rectal exam for evaluation of the cystic lesion – that might be just an incidental finding.

REFERRING VET

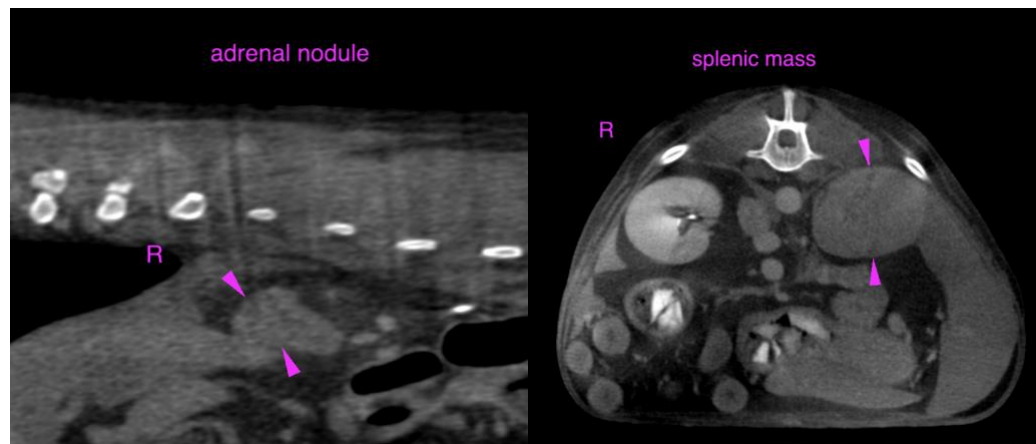
Dr. Meaux

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PATIENT

Marley Markward

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

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HOSPITAL NAME

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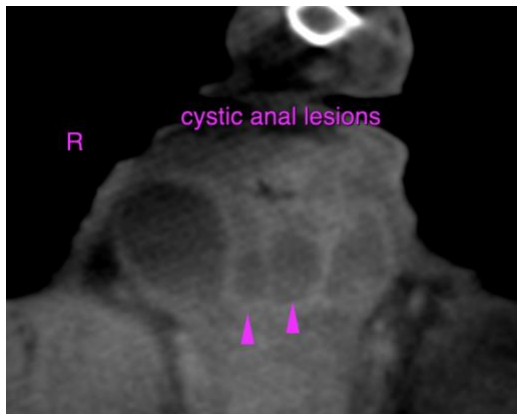
Dr. Meaux

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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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