



PATIENT PRESENTING CLINICAL SIGNS

Norah Hostick History: Norah was noted to have elevated liver enzymes in June 2022 which has been gradually worsening over time. An abdominal ultrasound was performed in September 2022 revealing: Mild hepatomegaly with coarse appearance of liver Nodule on right adrenal gland (< 2cm) found incidentally. current medications zentoni, ursodiol, phenylpropanolamine, Phenoxybenzamine - Repeat liver panel in January 2023 revealed normalization of liver enzymes

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

BREED

Portuguese Water Dog

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

Spayed 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 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.

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

HOSPITAL NAME

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Abdomen

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

REFERRING VET

Debbie Reynolds

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 left adrenal gland is within normal limits for size, shape and organ architecture.

INVOICE

21890

Nodular enlargement of the cranial pole of the right adrenal gland is seen, presenting a heterogeneous contrast enhancement pattern; measuring 17 x 16 x 19 mm in size.

DATE

3/30/23



PATIENT

Norah Hostick The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

SPECIES

Canine The hepatic volume is mildly increased and the liver is mildly protruding caudally beyond the costal arch and the caudoventral hepatic margins are mildly rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

Canine

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

BREED

Portuguese Water Dog

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

In the subcutaneous tissue at the right dorsolateral aspect of T13, a well-defined nodule is seen, measuring 8 mm in diameter.

SEX

Spayed Female

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right adrenal nodular enlargement without evidence of vascular invasion
- Mild hepatomegaly
- Non-specific subcutaneous nodule level T13
- Normal thorax, no evidence of pulmonary metastatic disease

AGE

9 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

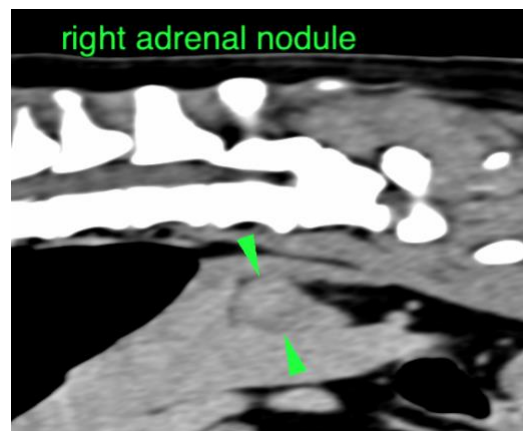
Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The nodular enlargement of the right adrenal gland is suggestive for (non)functional macronodular hyperplasia or neoplastic transformation (e.g. adenoma, adenocarcinoma, pheochromocytoma).

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.

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Norah Hostick

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.

BREED

Portuguese Water
Dog

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

SEX

Spayed Female

AGE

9 Years

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