



PATIENT PRESENTING CLINICAL SIGNS

Sophie Alexander History: Sophie presented for CT imaging for liver mass.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

SPECIES

Canine

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Cockapoo Multifocal mild spondylosis formation is seen along the thoracic spine.

SEX

Spayed Female

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.

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

AGE

12 Years

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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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

Abdomen

HOSPITAL NAME

Critical Vet Care/
Suncoast Vet

Motion artefacts are seen throughout the abdominal cavity – partially effacing the borders of the abdominal organs.

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

REFERRING VET

Dr. Young

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 is enlarged, measuring 1.6 cm in diameter and presents a heterogeneous contrast enhancement pattern.

INVOICE

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

DATE

7/21/23



PATIENT Sophie Alexander
 Protruding from the caudoventral aspect either of the quadrate or left medial liver lobe, a globoid shaped, uniform soft tissue attenuating and irregular contrast enhancing mass, measuring 8.6 x 7.4 x 8.0 cm is seen. The remainder of the hepatic parenchyma are uniform soft tissue attenuating and contrast enhancing.

SPECIES Canine
 The bony and surrounding soft tissue structures reveal no abnormalities.

BREED Cockapoo
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left divisional hepatic soft tissue mass
- Nodular enlargement left adrenal gland without signs of vascular invasion
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX Spayed Female
 The CT study is fitting the history of a hepatic soft tissue mass and the top differentials are hepatocellular adenoma or carcinoma. Complete surgical excision of the hepatic mass is considered feasible.

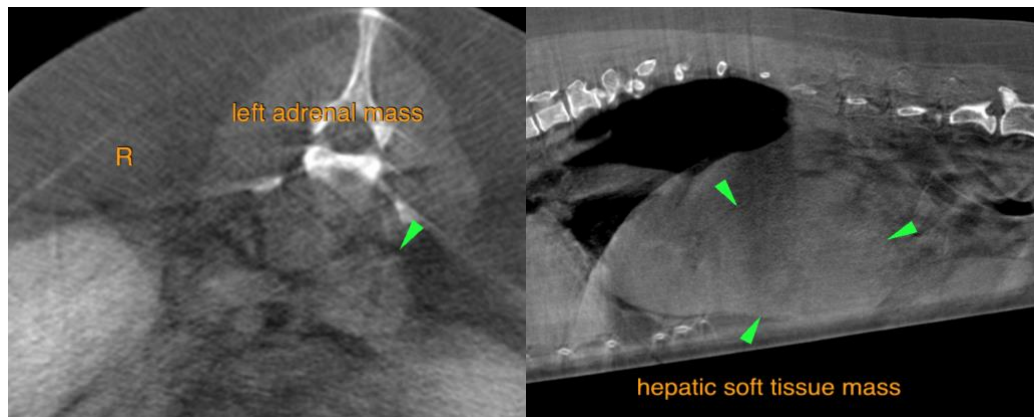
AGE 12 Years
 The left adrenal mass is highly suggestive for a second entity with neoplastic transformation of the left adrenal, such as (non)functional adenoma, adenocarcinoma or pheochromocytoma.

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Dr. Young

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.

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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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PATIENT

Sophie Alexander

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com

SPECIES

Canine

BREED

Cockapoo

SEX

Spayed Female

AGE

12 Years

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