PATIENT

Delaney Seaman

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

Xavier Meaux

INVOICE

23141

DATE

6/29/23

PRESENTING CLINICAL SIGNS

History: Liver mass

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

The sternal lymph nodes are prominent.

An irregular contrast enhancing mass is protruding from the left caudal surface of the heart/pericardial sac, measuring 3.4 x 2.5 x 4.4 cm.

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.

Abdomen

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 in the medial aspect of the right kidney, a post contrast hypoattenuating lesion is seen. The adrenal glands are within normal limits for size, shape and organ architecture.

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma; post contrast administration, and multiple heterogeneous contrast enhancing intraparenchymal splenic lesions.

Protruding from the caudoventral surface of the quadrate liver lobe, a well-defined, heterogeneous peripherally accentuated and central fluid attenuating roundish mass is seen, measuring 9.4 x 7.4 x 9.1 cm. The pylorus and oral segment of the duodenum are deviated dorsally by the mass effect.

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Throughout the remaining hepatic lobes, heterogeneous contrast enhancing, ill-defined nodules, measuring up to 1.9 cm are seen, partially protruding beyond the hepatic surface.

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

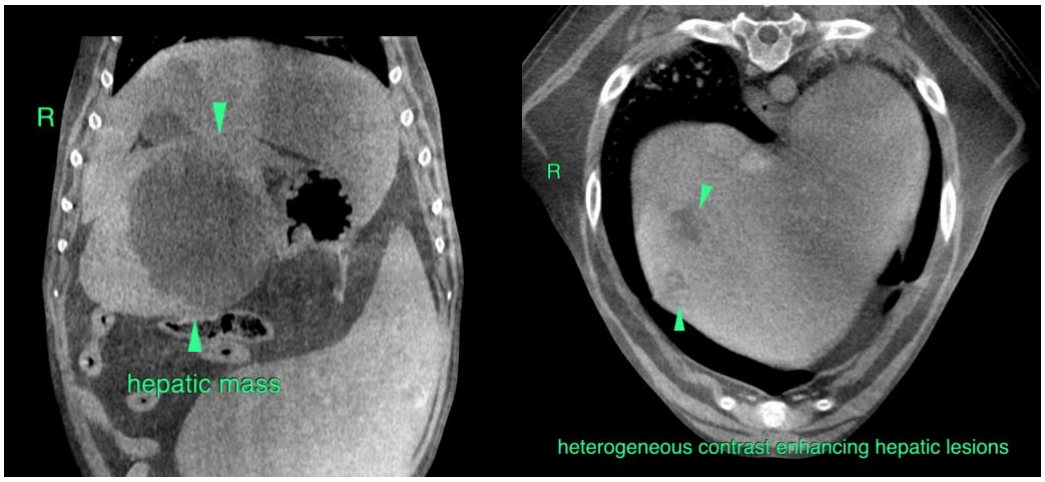
The delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.
In the post contrast CT study, throughout the left epaxial musculature along the lumbar spine, contrast enhancing variable sized lesions are visible.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Hepatic soft tissue mass & multiple heterogeneous contrast enhancing intraparenchymal hepatic lesions.
- Heterogeneous contrast enhancing intraparenchymal splenic lesions.
- Contrast enhancing muscular lesion left epaxial musculature.
- Myocardial or pericardial mass left caudal aspect of the heart.
- Post contrast hypoattenuating right renal lesion
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for disseminated neoplastic disease – possibly due to primary liver mass or cardiac mass. A cardiac echo can help for further differentiation if the cardiac mass is myocardial or pericardial in origin.



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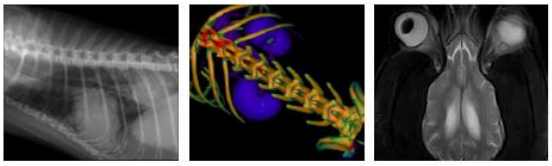

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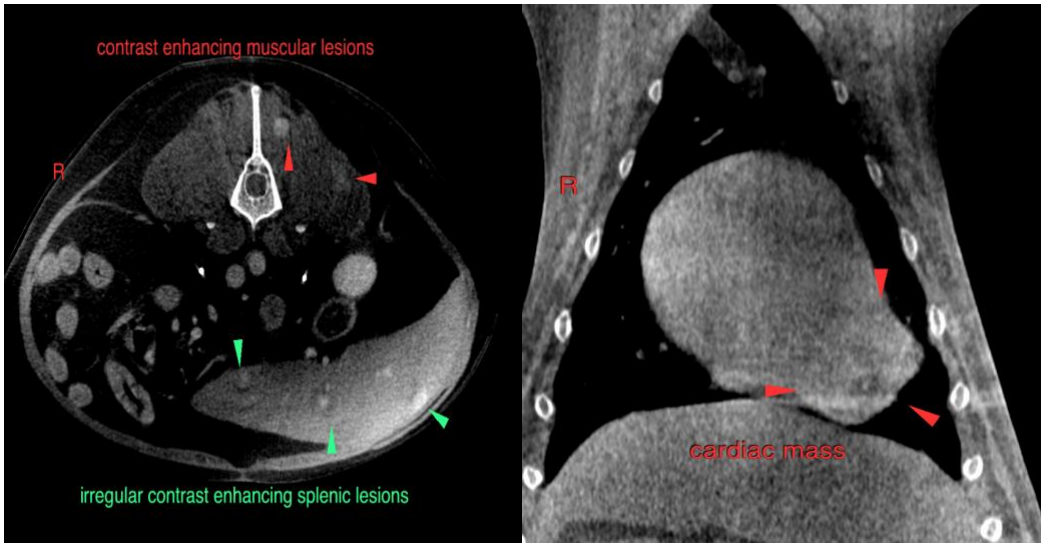

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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