



PATIENT

Maggie Jenkins

PRESENTING CLINICAL SIGNS

Palpable Splenic Mass

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain study of the thorax and plain and post contrast studies of the abdomen are available for review.

BREED

Golden Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

SEX

Spayed Female

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

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.

AGE

12 Years

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Abdomen

A large cavitated mass of approximately 8.5 cm diameter is occupying and expanding the right division of the liver. There appears to be involvement of the bilateral liver lobe mainly. Multiple hypoenhancing and ring enhancing nodules are seen throughout the remainder of the enlarged liver.

HOSPITAL NAME

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The spleen presents enlargement with multiple hypoenhancing masses and nodules of varying size, some of which expanding the capsule. Overall, the impression is that of vast cavitation.

REFERRING VET

Dr. Seth Bleakley

Multiple epigastric lymphadenomegaly is noted.

Note the presence of occasional small cortical renal cysts.

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There are thoracolumbar spondyloses.

Degenerative lumbosacral stenosis and bilateral coxofemoral joint osteoarthritis are noted.

DATE

8-15-23

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multiple large hepatic and splenic masses.
- Multiple hepatosplenic nodules meeting metastatic criteria.
- Multiple epigastric lymphadenomegaly.
- No evidence of pulmonary metastases.



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- Spondyloses.
- Coxofemoral joint osteoarthritis
- Degenerative lumbosacral stenosis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT study reveals a large right divisional liver mass as well as clusters of splenic nodules coalescing to expansile cavitated masses. Multiple hepatosplenic nodules meeting metastatic criteria are noted as well. It remains unclear as to whether the hepatic or splenic masses represent the primary neoplasia. Nevertheless, the findings are compatible with metastasizing malignant neoplasia of either the liver or spleen. Hemangiosarcoma and hepatocellular carcinoma are primary differential diagnoses. Final diagnosis will require histology.

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The lymph node changes are suggestive for metastases. Reactive hyperplasia cannot be ruled out.

SEX

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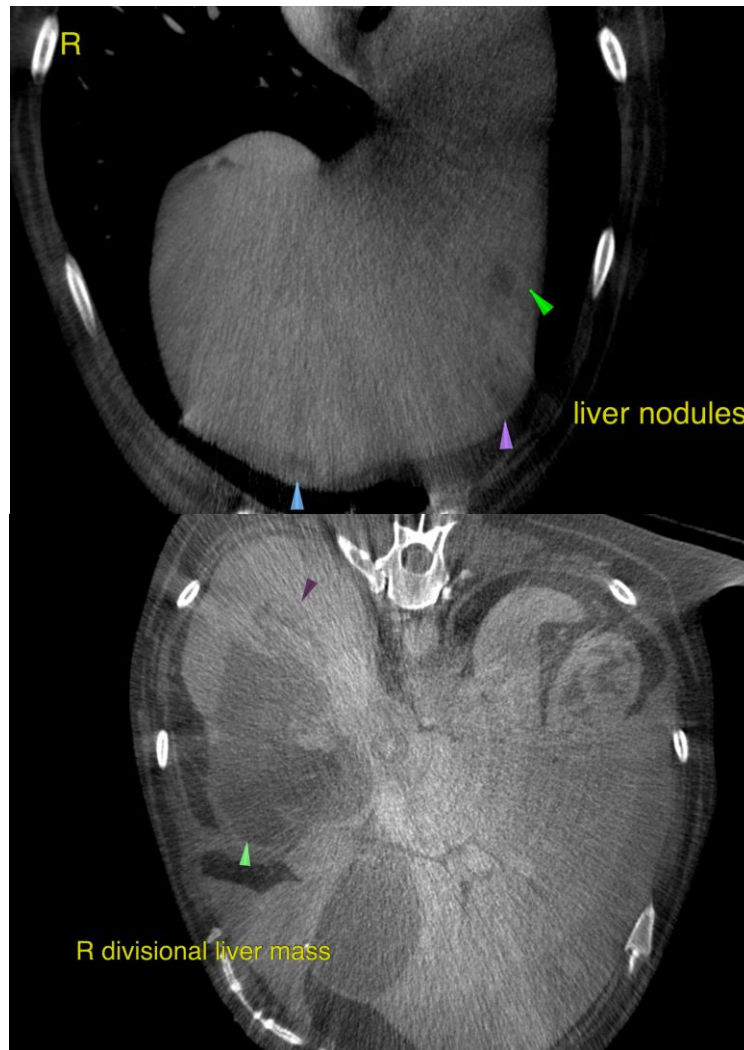
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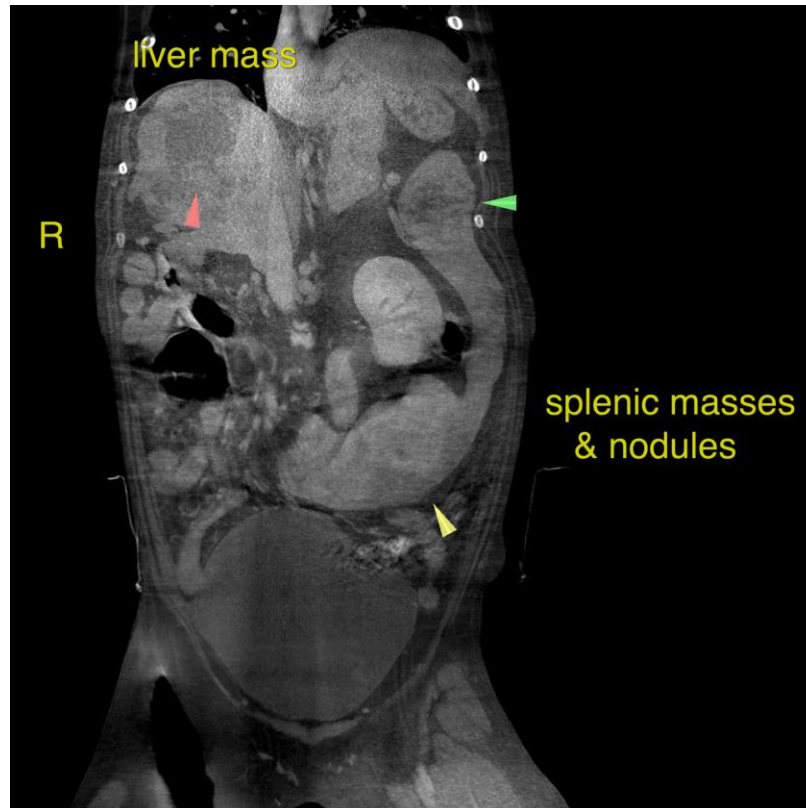
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
info@sonopath.com