



PATIENT PRESENTING CLINICAL SIGNS

Diogo Vergne Patient presented on clinic with abdominal distention. Owner noted 2 weeks ago abdomen distended than usual. Patient is eating/drinking/defecated and urinating normally. Patient is alert and active. Mild discomfort when palpated on abdomen. Pink mucus membranes. Palpation of abdomen feels hard and firm. Irregular surface of skin.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- EOS increased CHEM --- Crea decreased
Radiograph was performed and interpretation: Large midabdominal mass which may arise from the spleen versus the omentum and much less likely the quadrate liver lobe.

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

NM

The abdomen is distended by a large mid abdominal mass. The mass is heterogeneous with lobulated margins and moderate nonuniform contrast enhancement. The mass connects with the parenchyma and vasculature of the left lateral liver lobe in a stalk like extension ventral of the stomach and descending colon. The mass measures approximately 15 cm in length, 13 cm in width, and 10 cm in height. Multifocal intralesional mineralization is seen. Multiple punched out hypoattenuating and hypoenhancing nodules of varying size are seen throughout the remainder of the liver parenchyma.

AGE

10 Years

The spleen presents occasional mildly hyperenhancing nodules.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A moderate amount of mineral attenuating material is seen within the renal diverticuli and renal pelvis of both kidneys. There is no evidence of pyelectasia. Small cortical renal cysts are seen within both kidneys.

HOSPITAL NAME

Veterinary Image
Center

Multiple mineral attenuating calculi of up to 8mm size are seen within the urinary bladder.

At this time, there is no evidence of peritoneal effusion/hemorrhage.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Irizarry, DVM

- Large cavitating hepatic mass distending the mid abdomen with stalk like extension to the liver.
- Multiple hepatic nodules.
- Splenic nodules.
- Suspect bilateral chronic nephritis with renal sand and urinary bladder calculi.

INVOICE

51161

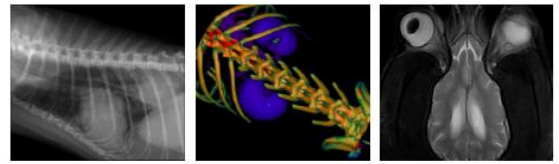
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a large mass distending the abdominal cavity with hepatic origin. Origin from the left lateral lobe of the liver is considered likely. Hepatocellular carcinoma is a primary differential diagnosis. Other liver neoplasia including sarcoma and hepatoma cannot be ruled out entirely but is thought by far less likely. The mass is in a resectable position.

DATE

3-25-22

The presence of multiple liver nodules has to be noted. Differential diagnosis for the liver nodules includes nodular hyperplasia, regenerative nodules, as well as metastatic disease.



PATIENT

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Nodular hyperplasia is thought likely for the splenic nodules; however, metastatic disease cannot be ruled out entirely.

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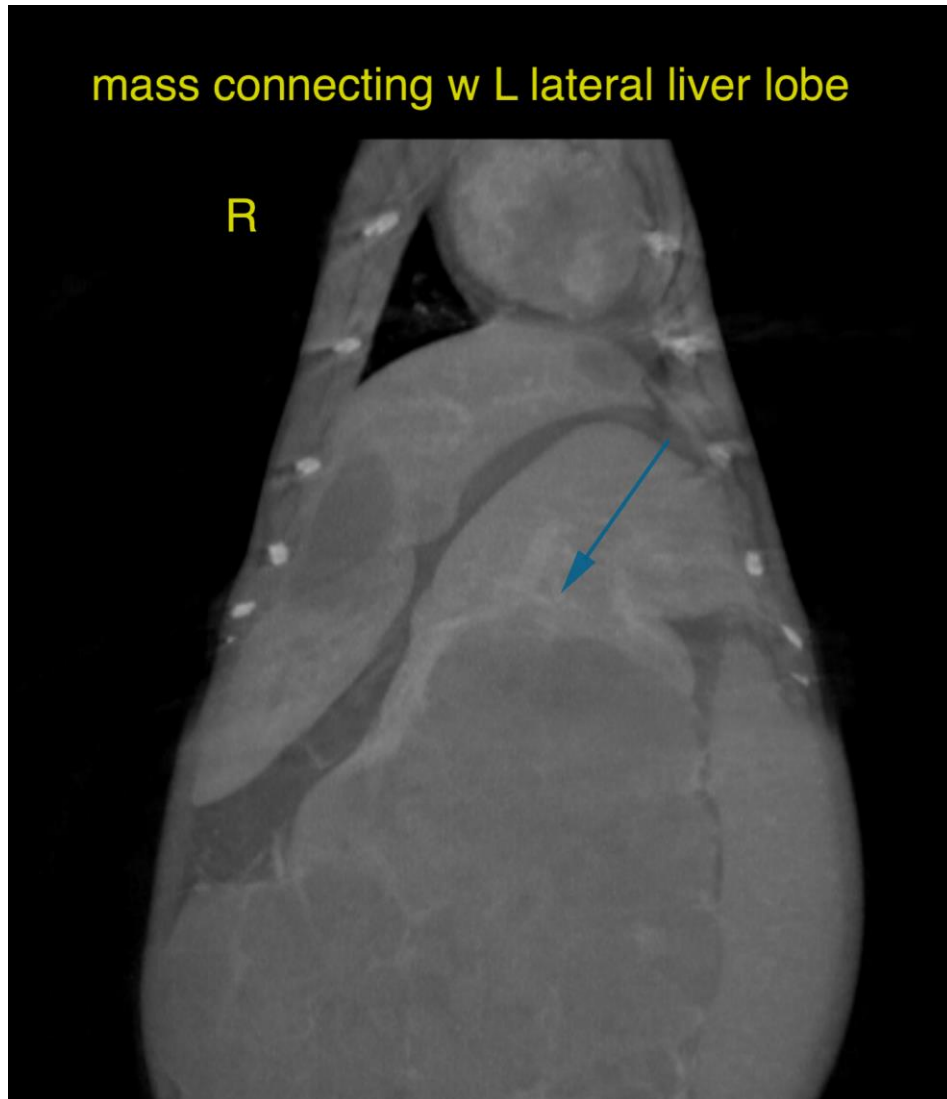
Dr. Irizarry, DVM

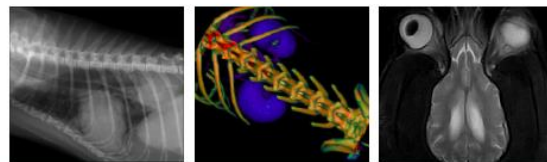
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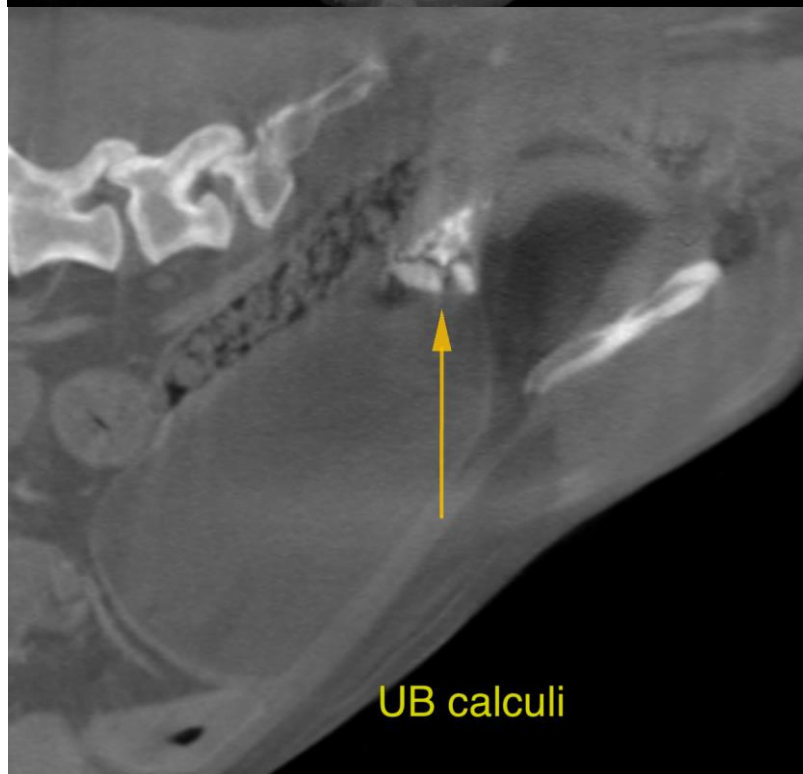
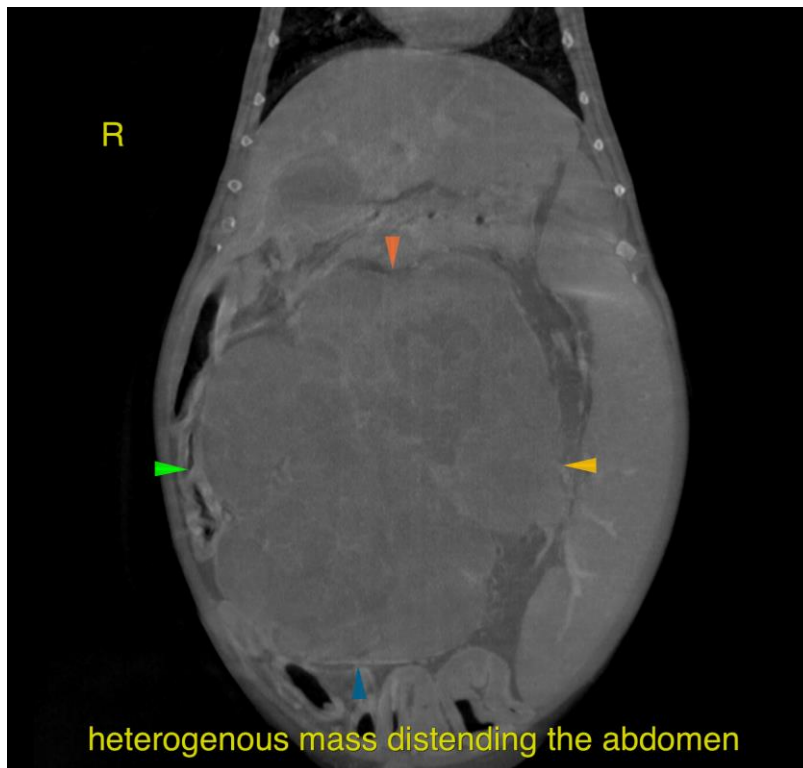
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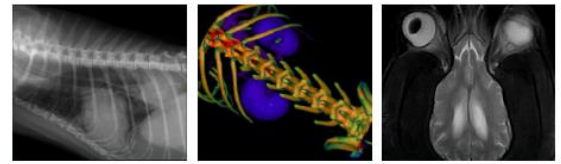
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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
Nele.Eley@sonopath.com

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