



PATIENT

PRESENTING CLINICAL SIGNS

Winston Paws 4 You
Rescue

Progressive weight loss, elevated liver values and bile acids. Thin BCS
Abnormal PE/Chem/CBC/UA Results: HCT 33.7 % ALT 968, ALKP 1820, AST 116, GGT 38
Bile acids: 19, post 148

SPECIES

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Canine

Plain and post contrast studies available for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Shih Tzu

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

SEX

Multiple multifocal cortical renal infarction with renal surface retraction is seen. A moderate amount of mineral attenuating material is present within the renal pelvis without evidence of pyelectasia or hydroureter.

Male Neutered

The adrenal glands are within normal limits for size, shape and organ architecture.

AGE

A 7mm sized round structure with mildly heterogeneous enhancement is seen at the splenic head. Occasional hyperenhancing splenic nodules are noted throughout the splenic parenchyma.

~10 Years

A large ill-defined and irregular shaped cavitating mass with heterogeneous enhancement of 7.0 x 5.0 cm is occupying the central division of the liver. There is a significant mass effect deviating the caudal vena cava, esophagus, portal vein, gallbladder, common bile duct, and pancreas to the periphery. Regional deviation of the portal vasculature and hepatic veins is seen. Focal mineralization is present. The remainder of the liver parenchyma presents multiple nodules with variable enhancement. A moderate amount of mineral attenuating material is seen ventrally within the gallbladder.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

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

Mobile Pet Imaging

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

REFERRING VET

Meaux

There is generalized muscle wasting throughout the axial-lumbar musculature.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

- Large central divisional liver mass meeting neoplastic criteria.
- Multiple liver nodules.
- Multiple splenic nodules.
- Presumed ectopic spleen versus epigastric lymphadenomegaly.
- Bilateral hypercalcemic nephropathy with multiple cortical renal infarction.
- Muscle wasting.

48047

DATE

10-27-21



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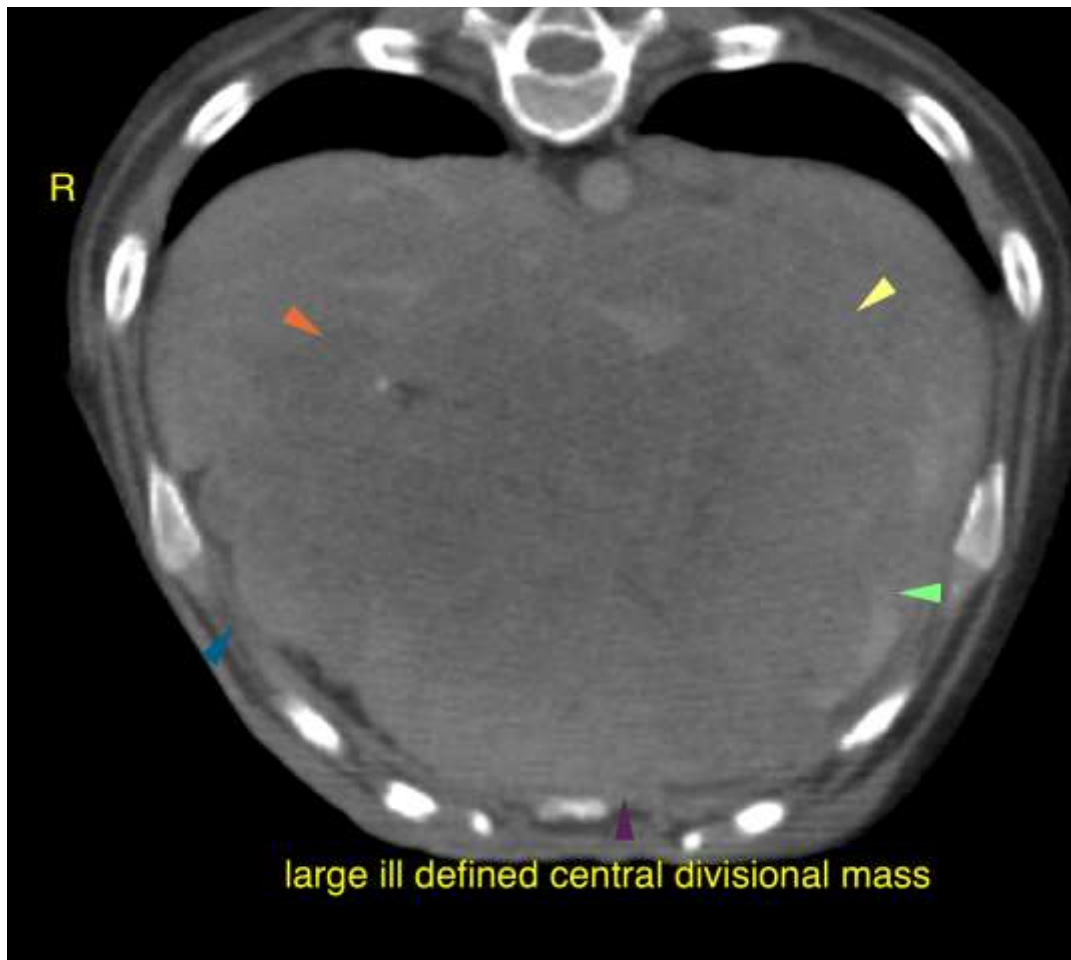
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with central divisional liver mass meeting neoplastic criteria. Differential diagnosis includes hepatocellular carcinoma, secondary neoplasia (sarcoma), and less likely hepatoma. The large liver mass is in a nonresectable position. The liver nodules may represent regenerative nodules, benign nodular hyperplasia, or metastatic disease.

Differential diagnosis for the splenic nodules includes benign nodular hyperplasia and metastatic disease. The latter is considered less likely but cannot be ruled out entirely. The soft tissue nodule level with the splenic head is thought to represent ectopic splenic tissue; however, epigastric lymphadenomegaly with the differential diagnoses reactive hyperplasia and neoplastic enlargement cannot be ruled out entirely. Consider fine needle aspiration for further definition.





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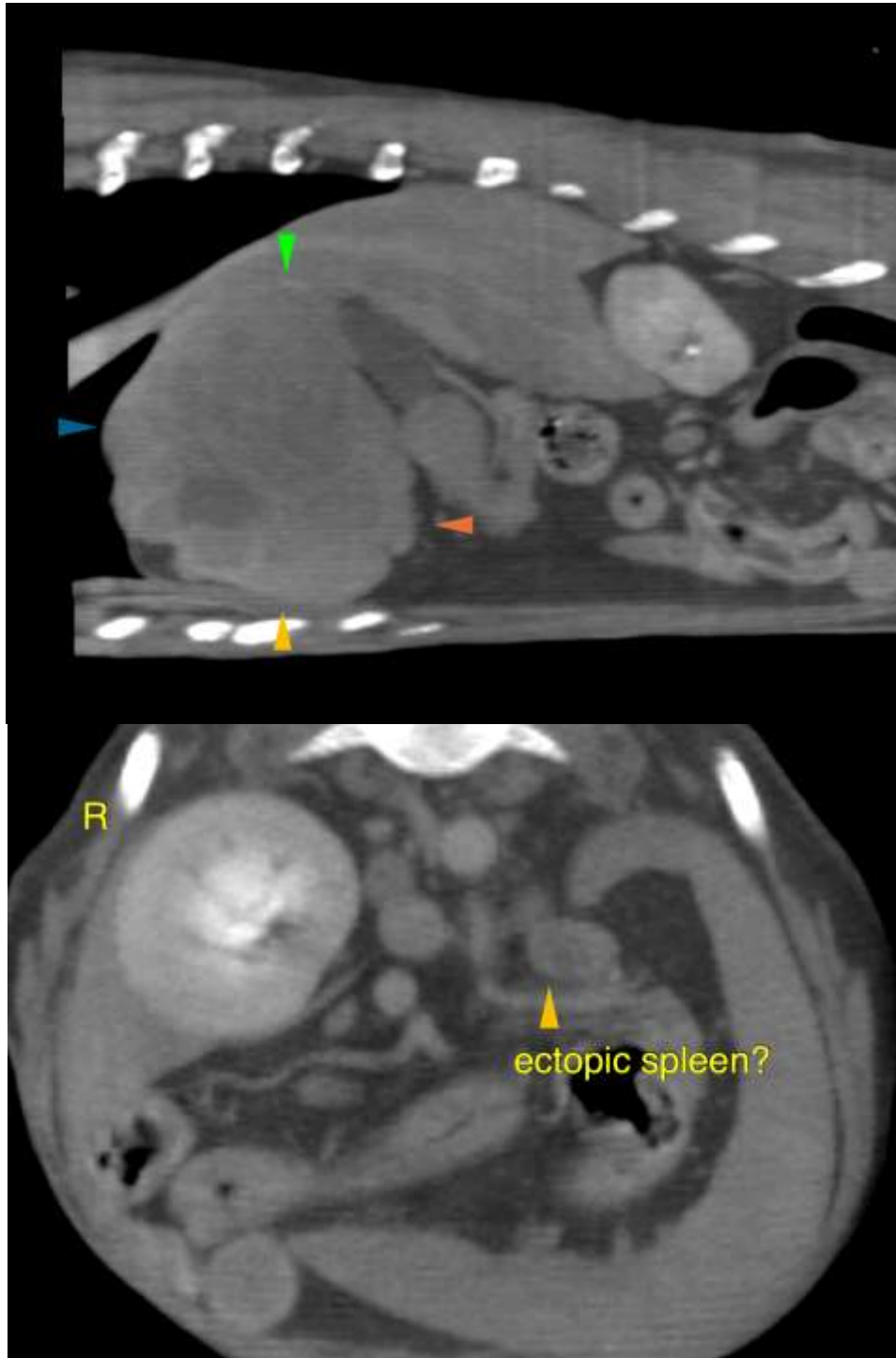
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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