
PATIENT PRESENTING CLINICAL SIGNS

Marvin Nakaris abdominal mass noted on ultrasound - CT study to assess resect-ability
 Abnormal PE/Chem/CBC/UA Results: anaemia - mild regen marked elevation ALKP

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Canine Plain and post-contrast studies in soft tissue windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS
BREED

Lab X

An enlarged, irregular shaped and cavitating and heterogeneously enhancing expansile mass is seen within the central division of the liver. The mass occupies and expands the entire left medial liver lobe. Multifocal small nodules of varying enhancement are seen within the left lateral quadrant and right medial liver lobes. The gallbladder is moderately distended. A mild amount of biliary sand is seen. No evidence of invasion of the caudal vena cava. The portal and gastric lymph nodes are prominent.

SEX

Male

The pancreas presents mild generalized enlargement with nodular appearance.

AGE

12 Years

Multiple small, scattered mesenteric nodules are seen throughout the peritoneal cavity, accentuating the mid and cranial abdomen.

Cortical renal infarcts are seen in both kidneys.

The adrenal glands present within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
 DVM Dr. med. vet.,
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Occasional hyper- and isoenhancing splenic nodules are seen.

The gastrointestinal tract present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS
HOSPITAL NAME

Advanced Veterinary
 Imaging

- Large, heterogeneous liver mass of the left medial liver lobe meeting neoplastic criteria.
- Multiple nodules in the remainder of the liver.
- Mild biliary microlithiasis
- Multiple mesenteric nodules suggestive of metastatic disease
- Nodular enlargement of the pancreas
- Multiple cortical renal infarcts
- Splenic nodules

REFERRING VET

Dr. Eamon Ryan

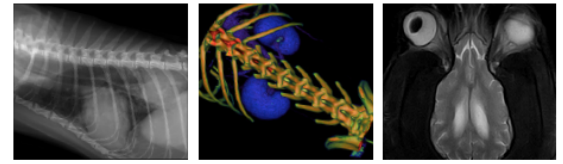
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS
INVOICE

34261

DATE

1/14/22

The CT study reveals a large expansile, heterogeneously cavitating liver mass of the left medial liver lobe. Differential diagnoses include primary neoplasia of the liver such as hepatocellular carcinoma, as well as secondary neoplasia including hemangiosarcoma and other sarcoma. Primary neoplasia of the liver is thought most likely. A benign mass such as hepatoma is thought unlikely owing to the concurrent presence of mesenteric nodules suggestive for metastatic disease. The mass, per se, would be resectable. Both the left medial and lateral liver lobes would have to be resected, since the arterial supply of the left lateral liver lobe is distal of the left medial lobe. However, the presence of additional nodules in the remainder of the liver has to be noted. These may represent benign nodular hyperplasia or regenerative nodules, but metastatic disease cannot be ruled out.



PATIENT

Marvin Nakaris

Moreover, the multiple scattered mesenteric nodules suggest presence of metastatic disease throughout the peritoneum. The epigastric and portal lymphadenomegaly may represent reactive hyperplasia or early metastatic disease. The splenic nodules may represent benign nodular hyperplasia or extramedullary hematopoiesis. Metastatic disease is thought unlikely but cannot be ruled out entirely.

SPECIES

Canine

BREED

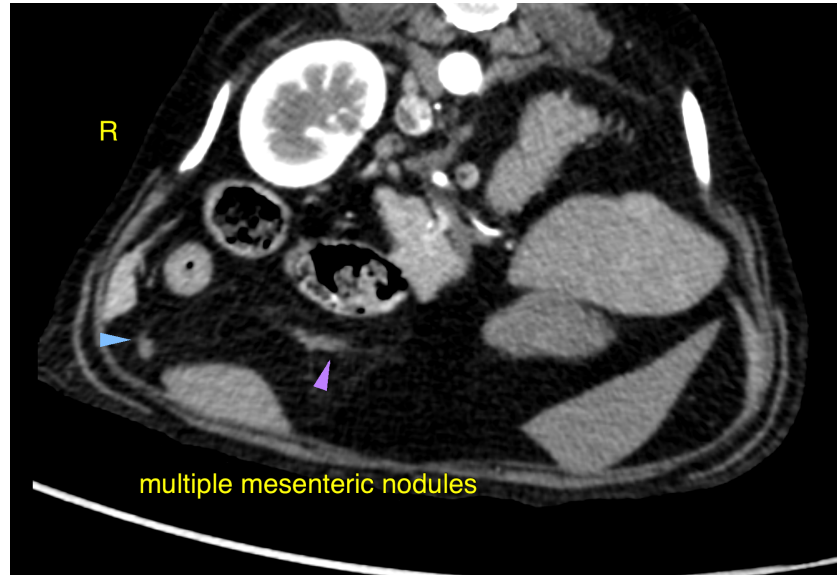
Lab X

SEX

Male

AGE

12 Years



INTERPRETED BY

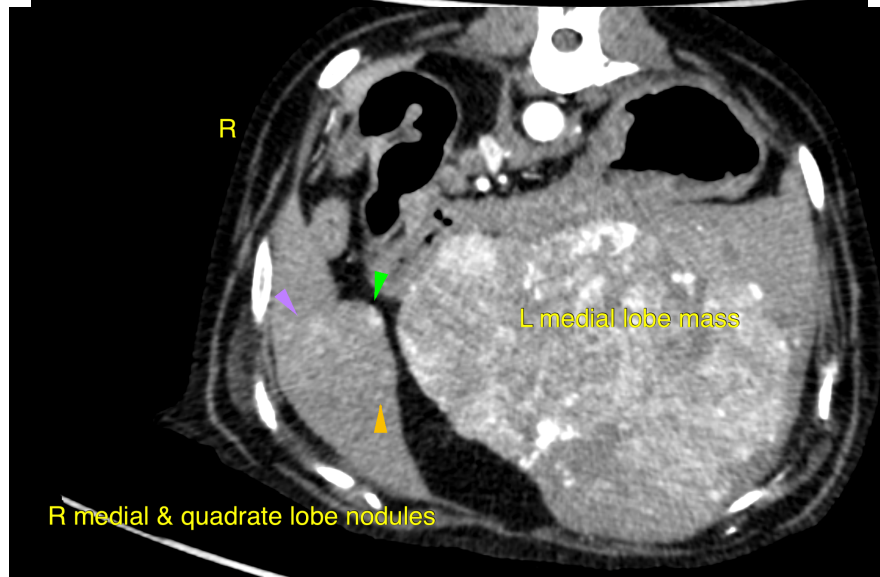
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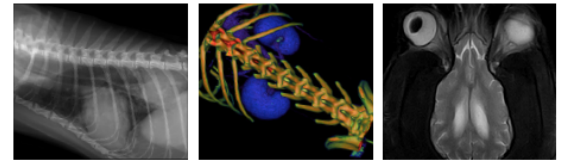


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PATIENT

Marvin Nakaris

SPECIES

Canine

BREED

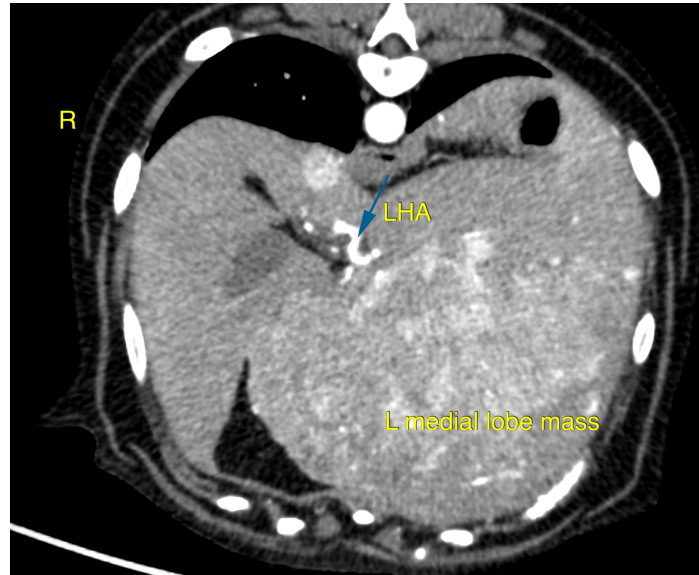
Lab X

SEX

Male

AGE

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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.

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