



**PATIENT**

Maya Lopez

**PRESENTING CLINICAL SIGNS**

Right liver mass, pulmonary nodule

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

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

**BREED**

Husky

**COMPUTED TOMOGRAPHIC FINDINGS**

**Abdomen**

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

**SEX**

Female Spayed

Multiple cortical renal infarcts are seen in both kidneys.

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

**AGE**

13 Years

Occasional isoenhancing slightly expansile nodules are seen in the spleen.

An approximately 12.0 cm sized irregular shaped cavitating and heterogeneously enhancing mass is occupying the entire right division of the liver. The mass appears a part of the right medial and most of the right lateral liver lobes as well as the caudate process of the caudate lobe. The central and left division including the quadrate, left lateral, and left medial lobes are spared; however, a small cystic lesion is noted in the central division of the liver. Leftward deviation of the gallbladder and cystic duct are seen. There is also leftward deviation and compression of the caudal vena cava, portal vein, and gastric outlet. No direct interference with the common bile duct is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

The pancreas is enlarged and multinodular in appearance. The portal lymph nodes present within normal limits.

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

**REFERRING VET**

Meaux

There are multiple spondyloses throughout the thoracolumbar spine and lumbosacral junction.

An area of cystic bone lysis is seen in the right iliac body.

**INVOICE**

49681

Multiple small enhancing nodules are seen throughout the axial musculature.

A 1.0 cm sized subcutaneous nodule is seen to the left of the lumbar spine.

**DATE**

1-19-22

**Thorax**

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

**PATIENT**

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

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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.

**SPECIES**

Canine

A 14mm sized soft tissue attenuating nodule with focal mineralization is seen in the left cranial lung lobe.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**BREED**

Husky

**COMPUTED TOMOGRAPHIC DIAGNOSIS****SEX**

Female Spayed

- Large right divisional liver mass meeting neoplastic criteria.
- Single interstitial pulmonary nodule.
- Multiple enhancing nodules within the axial musculature.
- Osteolytic lesion of the right iliac body.
- Splenic nodules.
- Multinodular appearance of the pancreas.
- Subcutaneous nodule.
- Multiple spondyloses.

**AGE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The CT findings are highly suggestive for a malignant neoplasia of the liver with metastatic disease to the lung, axial musculature, and right iliac bone. Differential diagnosis includes hepatocellular carcinoma, hemangiosarcoma, and other. A benign neoplasia is thought highly unlikely owing to the suspected multifocal metastatic disease.

**HOSPITAL NAME**

Mobile Pet Imaging

The multinodular appearance of the pancreas and spleen may well represent benign nodular hyperplasia; however, metastatic disease cannot be ruled out.

Final diagnosis would require sampling which could be considered if the owners are interested in establishing a diagnosis; however, the prognosis seems poor unfortunately.

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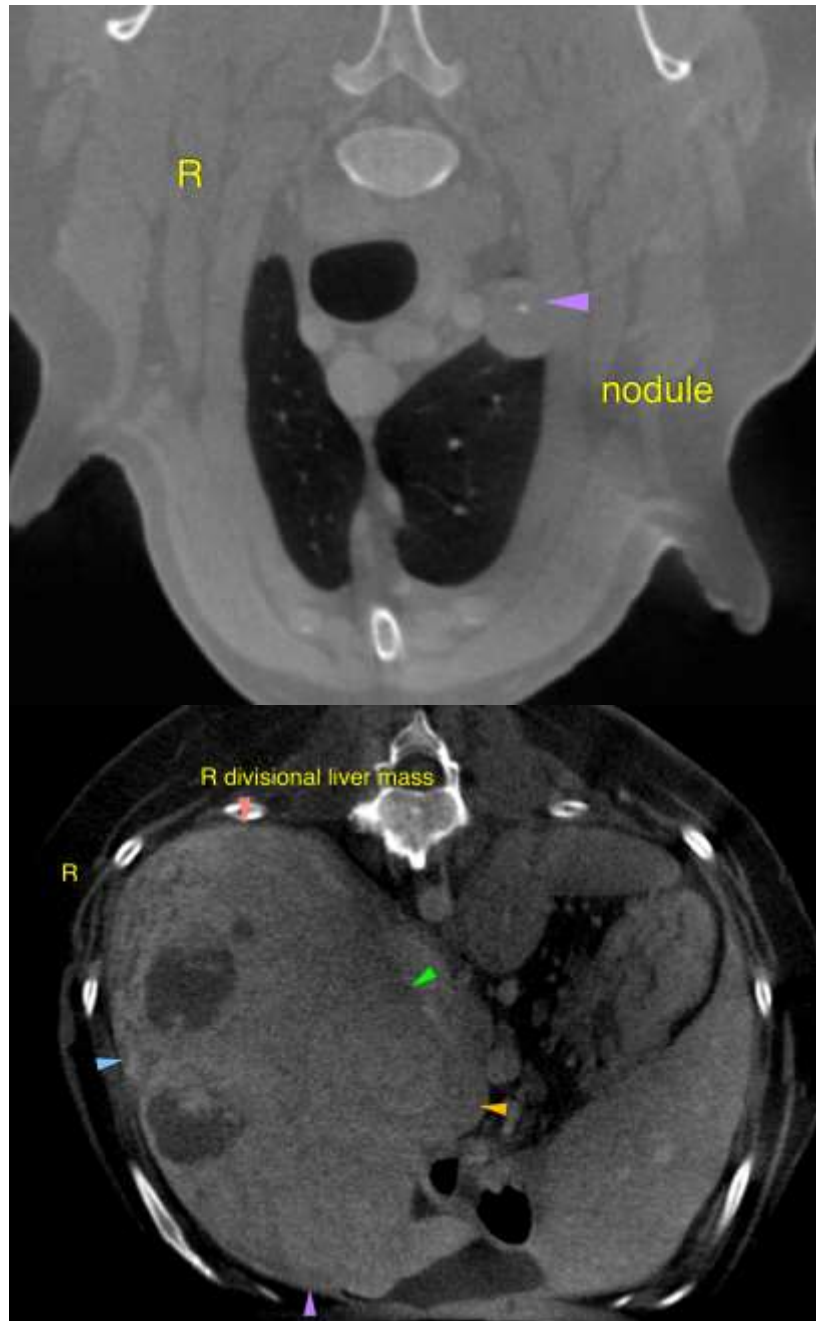
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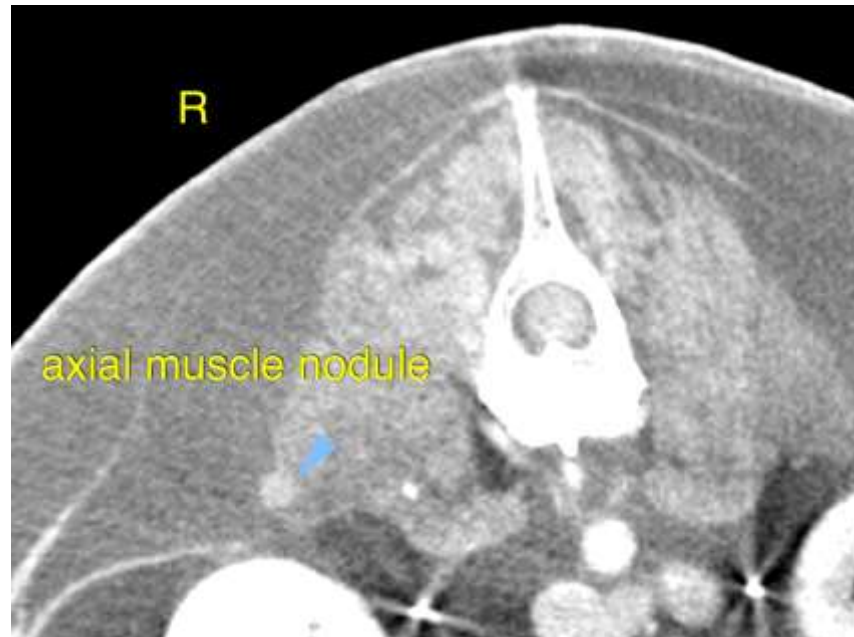
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
Nele.Eley@sonopath.com