



**PATIENT PRESENTING CLINICAL SIGNS**

Cayman McKeever Concern for a splenic mass.

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

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
Catahoula **Abdomen**

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

**SEX**  
FS A cortical renal infarct is seen in the ventral aspect of the right kidney. The nephrogram and pyelogram of the left kidney and the pyelogram of the right kidney present within normal limits.

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

**AGE**  
13 Years An approximately 3.0 cm sized only mildly expansile mass with strong heterogeneous perfusion in the arterial phase and poorly differential perfusion in the late phase is seen within the splenic tail. The remainder of the spleen presents mild nonuniform contrast enhancement throughout.

**INTERPRETED BY**  
The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI The gallbladder is moderately distended. A moderate amount of mineral attenuating sediment is seen within the gallbladder.

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

**HOSPITAL NAME**  
Mobile Pet Imaging  
CFL The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

**REFERRING VET**  
**Thorax**

Borecky 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.

**INVOICE**  
52339 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.

**DATE**

6-7-22



**PATIENT** The lung parenchyma presents the expected architecture and attenuation behavior.

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

**SPECIES** **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Splenic tail mass with strong differential perfusion in the arterial phase.
  - Biliary microlithiasis.
  - Cortical renal infarct right kidney - unlikely to be of clinical significance.

**BREED** **INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

Catahoula The CT study confirms the presence of a single splenic mass within the splenic tail which presents strong differential perfusion in the arterial phase with the tendency to blend into the remainder of the splenic perfusion in the late phase. Differential diagnosis includes hemangiosarcoma, hemangioma, and less likely organizing hematoma, benign nodular hyperplasia, or other neoplasia.

**SEX** FS No evidence of metastatic disease to the lung is seen. There is no evidence of a heart base mass.

**AGE** Consider splenectomy and histopathologic examination.

13 Years

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

**REFERRING VET**

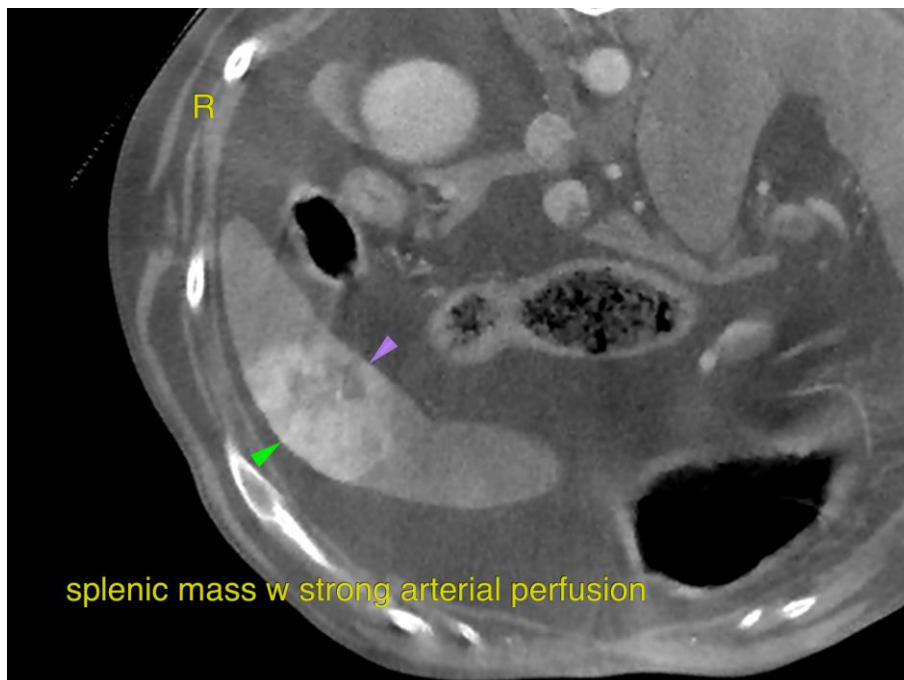
Borecky

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**PATIENT** 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.

Cayman McKeever

**SPECIES**

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.

Canine

**BREED**

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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
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Catahoula

**SEX**

FS

**AGE**

13 Years

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

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CFL

**REFERRING VET**

Borecky

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