



**PATIENT**

Sam McIntyre

**PRESENTING CLINICAL SIGNS**

Hx Splenic mass Liver nodules Hepatic enzymopathy (ALT > ALP)

**SPECIES**

Canine

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

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

**BREED**

Lab

**COMPUTED TOMOGRAPHIC FINDINGS**

**Abdomen**

A 4 cm sized expansile heterogeneously enhancing mass is seen within the splenic tail. The remainder of the spleen presents small faintly hyperenhancing nodules.

**SEX**

MN

Mild generalized enlargement of the liver is noted. The contours of the lobar margins of the liver are irregular with mild generalized undulation and diffuse heterogeneous enhancement of the liver parenchyma is seen. A pinpoint mineral attenuating structure is seen in the central division of the liver.

**AGE**

10 Years

The gallbladder is moderate distended with fluid attenuating content. No evidence of extra- or intra- hepatic biliary duct dilation is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Multiple epigastric lymphadenomegaly accentuating the left portal and epigastric lymph nodes is seen.

The kidneys and adrenal glands present within age related normal limits.

No gastrointestinal tract abnormality is seen. A small metal attenuating structure is seen in the cranial abdomen ventral to the gastric outlet.

**HOSPITAL NAME**

Animal Health  
Partners

Metal implants cast beam hardening streak artifacts in the left hind limb.

**Thorax**

No evidence of pulmonary nodules or masses is seen.

**REFERRING VET**

Dr. Shannon  
Westgarth

Incidental mineralization of the aortic root is noted. No evidence of cardiovascular pathology is noted.

There is no evidence of mediastinal lymphadenomegaly.

**INVOICE**

53670

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Expansile splenic mass
- Splenic nodules.
- Diffuse hepatopathy with heterogeneous enhancement.
- Multiple mild to moderate epigastric lymphadenomegaly.
- Small metal attenuating structure, clip, or wire ventral to the gastric outlet with no evidence of local inflammation.

**DATE**

8-23-22



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Differential diagnosis for the splenic mass includes hemangioma, hemangiosarcoma, organizing hematoma, and less likely benign nodular hyperplasia. The additional splenic nodules may represent benign nodular hyperplasia, extramedullary hematopoiesis, and less likely metastases.

**SPECIES**

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The CT findings support the diagnosis of diffuse hepatopathy. Diffuse inflammation/infection or a diffuse neoplastic infiltrate are thought the most likely differential diagnoses. Emerging fibrosis and other cannot be ruled out entirely. Parenchymal sampling is strongly recommended for further definition.

**BREED**

Lab

The lymph node changes in the epigastrium may present reactive lymphadenitis or early metastatic disease. Consider ultrasound guided or other sampling for further definition.

**SEX**

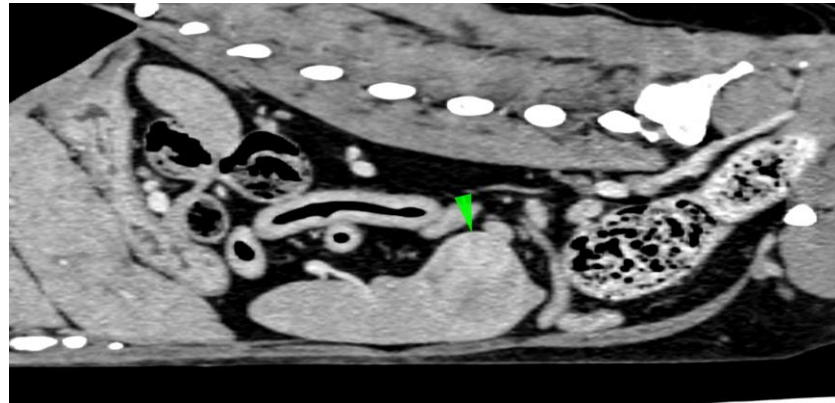
MN

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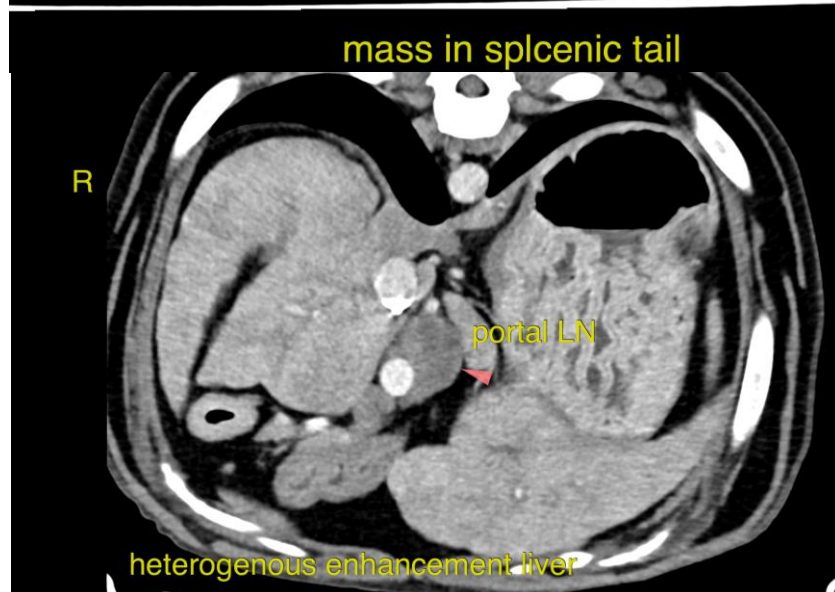


**HOSPITAL NAME**

Animal Health Partners

**REFERRING VET**

Dr. Shannon Westgarth



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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

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**AGE**

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