



**PATIENT PRESENTING CLINICAL SIGNS**

Nixie Wilson  
 May 19/22 was seen at RDVM for 3 wk history of inappetence and lethargy, was sent home with Tylosin and Cerenia which made no improvements, June 6/22 owner opted to do bloodwork revealing decreased hemoglobin, MCH, MCH, hypoglycemia, hypoalbuminemia, decrease ALT, and increase in globulins Abdominal U/S June 14/22 revealed 2 hypoechoic lesions on the liver, one of them measured 14 mm x 10 mm, gallbladder had small amount of sludge with no inflammation or biliary obstruction noted. Spleen had multiple complex, cavitated lesions, one of them measuring 11.4 mm x 94 mm. seen by oncology June 27/22 thorax x-rays June 27/22. Abnormal PE/Chem/CBC/UA Results: Appetite/eating habit: anything cat /dog food, some people food, needs handfeeding, reluctant, Drinking: increased excessively Energy: still trots on walks, otherwise decreased Vomit: 3x episodes Cough/Breathing: normal Urination: increased Defecation: diarrhea and soft stools, no blood Lameness: normal Other masses noted: none

**SPECIES**

Canine

**BREED**

German Shepherd

**COMPUTED TOMOGRAPHY OF ABDOMEN**

**SEX**

A pre- and post-contrast CT study of the abdomen is provided for review.

FS

**COMPUTED TOMOGRAPHIC FINDINGS**

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

**AGE**

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

10 Years

Throughout the hepatic parenchyma, variable sized, well defined, pre- and post- contrast mild hypoattenuating lesions are appreciated.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

Originating from the caudal extremity of the spleen, a large, soft tissue attenuating and heterogeneous contrast enhancing mass is protruding into the mid ventral abdomen; measuring 17.1 x 9.6 x 27.4 cm in size. The splenic mass is extending cranially up to the level of the liver. Protruding from the lateral surface of the cranial extremity of the spleen, a uniform soft tissue attenuating and contrast enhancing nodule, measuring 3.2 cm in size is noted.

**HOSPITAL NAME**

Animal Health Partners

Multifocal throughout the peritoneal cavity, well-defined, irregular marginated, soft tissue attenuating nodular, partially confluent lesions are appreciated.

The mesenteric lymph nodes are significantly enlarged.

**REFERRING VET**

Dr. Lea Mehrkens

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

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

**INVOICE**

52603

Multifocal mild spondylosis formation is seen along the lumbar spine.

**DATE**

6-28-22

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large splenic mass and splenic nodular lesions
- Multinodular hepatic lesions
- Multiple peritoneal soft tissue nodules
- Lymphadenopathy mesenteric lymph nodes
- Spondylosis deformans



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**REFERRING VET**

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**INVOICE**

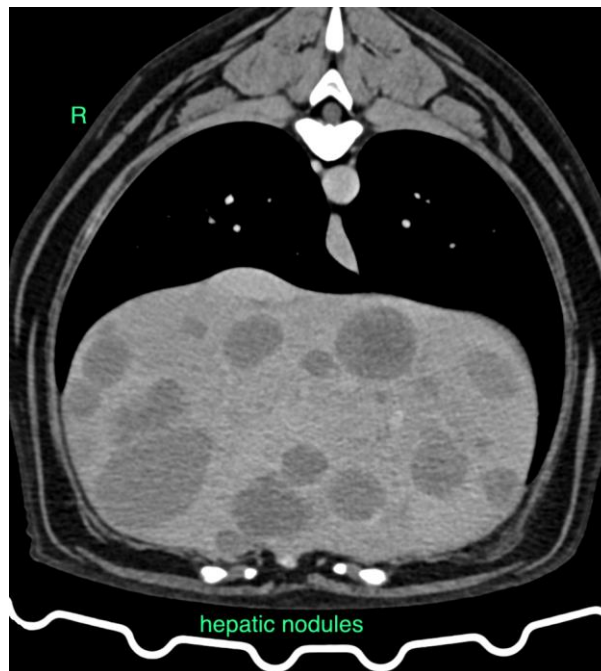
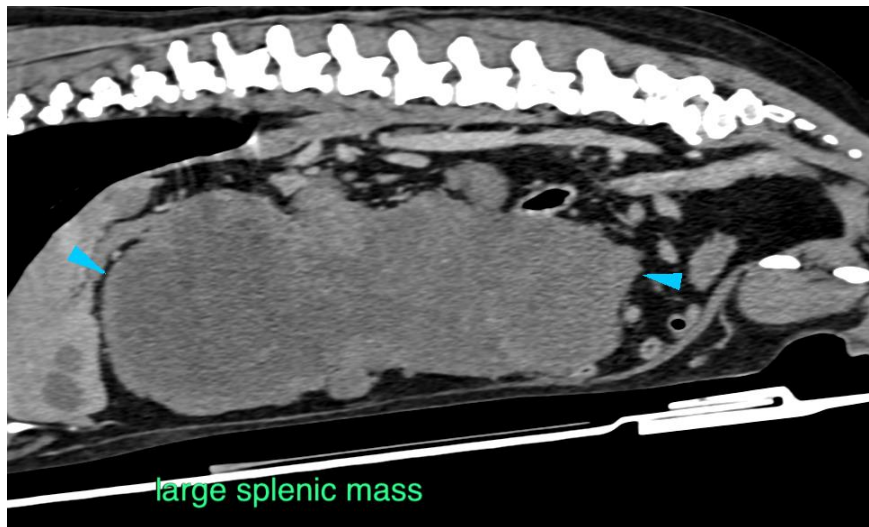
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is consistent with disseminated neoplastic disease with a large splenic mass, multiple hepatic nodular lesions, mesenteric lymphadenopathy and peritoneal nodules. The top differentials are hemangiosarcoma, carcinomatosis or round cell tumor. Treatment options are limited to palliative management of the patient.





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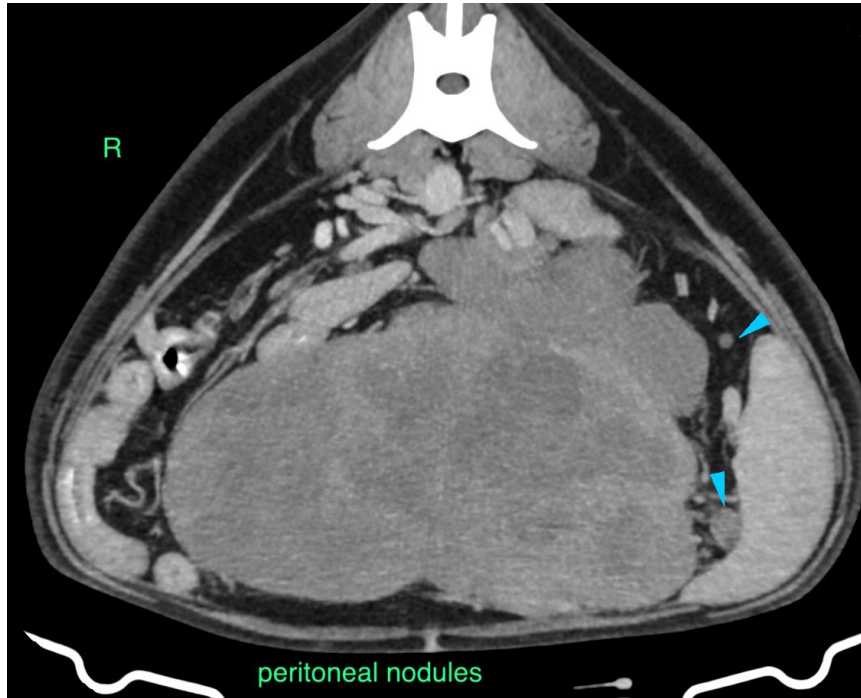
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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