



**PATIENT PRESENTING CLINICAL SIGNS**

**Bonnie Hanley**  
**SPECIES** Canine  
**BREED** Standard Poodle

Bonnie is a 10yr old FS Standard Poodle that presents for evaluation of liver mass. Patient has a history of a Stromal Cell Sarcoma and had a splenectomy in May 2021. Bonnie was then put on CCNU protocol and in early December 2021 started to have decreased appetite and seemed to not be doing well. Bonnie was having weight loss and had a recheck with Dr. Ward. Dr. Ward did a recheck ultrasound and found a Heterogenous mass located on the right lateral lobe of the liver. Bonnie's hematocrit was also border line low at 30% at that time.  
 Abnormal PE/Chem/CBC/UA Results: PCV/TS: 26%, 7 g/dl ALT: 506 , AST: 85 ALP: 680, GGT: 27 ALBUMIN: 2.3 g/dl

**COMPUTED TOMOGRAPHY OF THE ABDOMEN**

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

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**FS**  
 Regarding the anatomy, electronic imaging markers are flipped – R is actually the left side of the patient and vice versa.

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

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

Both kidneys present within normal limits for size, shape and organ architecture. A small amount of mineralized material is associated with the right renal pelvis. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

The spleen is absent.

**HOSPITAL NAME**

Critical Vet  
 Care/Suncoast  
 Veterinary

Originating from the right medial liver lobe, a uniform soft tissue attenuating and heterogeneous contrast enhancing mildly ill-defined mass is visible, measuring 7.1 x 7.6 x 9.5 cm in size. A second hepatic mass with the same attenuation and contrast enhancement pattern is visible in the medial aspect of the left lateral liver lobe, measuring 5.5 x 4.5 x 4.6 cm in size. Multiple nodular parenchymal lesions are seen throughout the remaining liver lobes.

**REFERRING VET**

Dr. Young

The left hepatic lymph node is moderately enlarged.

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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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.

**DATE**

1-17-22

Multifocal moderate spondylosis formation is seen along the lumbar spine.



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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple hepatic mass lesions with heterogeneous contrast enhancement pattern
- Lymphadenopathy left hepatic lymph node
- Spondylosis deformans
- History of splenectomy

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is consistent with multiple liver masses throughout all hepatic lobes. Differentials include metastasis - history of stroma cell tumor - or primary hepatic neoplasia, such as hepatocellular carcinoma, cholangiocellular carcinoma, neuroendocrine tumor, other. FNA sampling might be performed as advanced minimally invasive diagnostic test.

The enlarged hepatic lymph node is concerning for metastatic spread.





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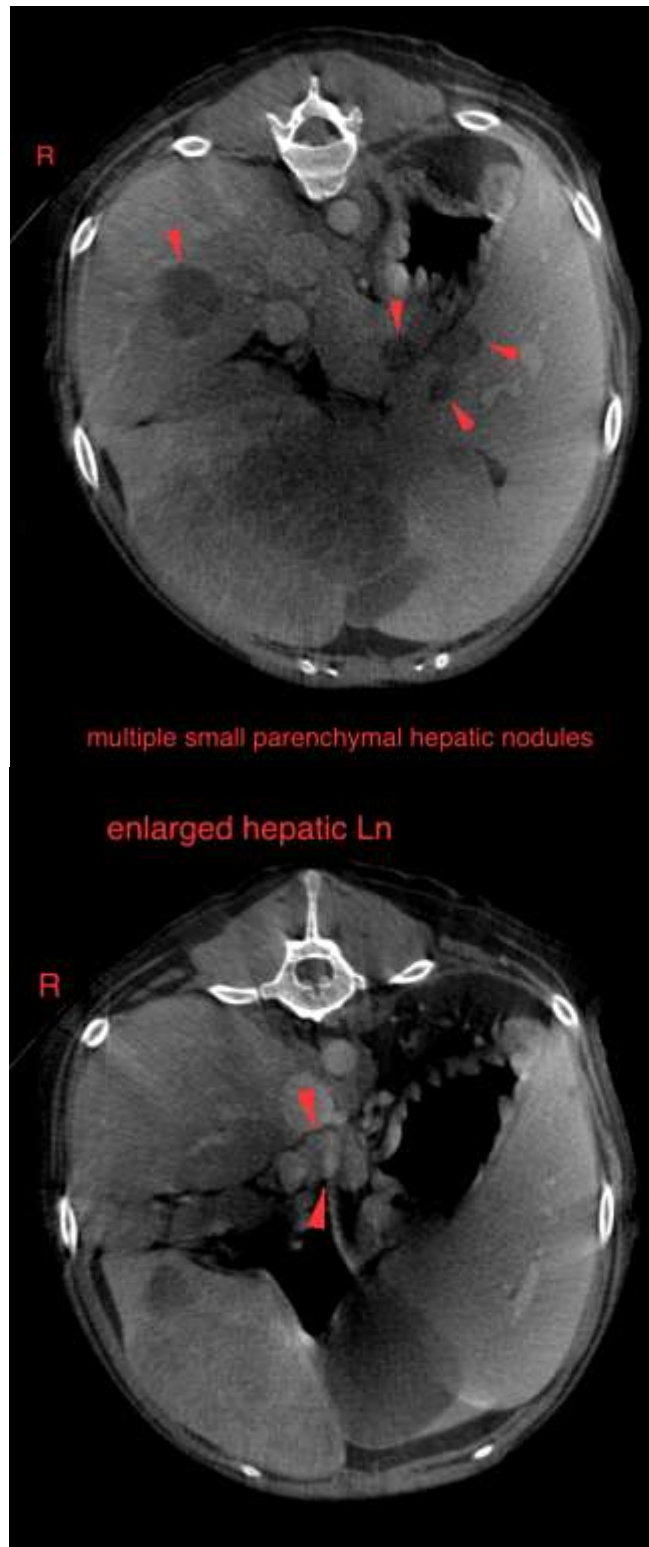
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multiple small parenchymal hepatic nodules

enlarged hepatic Ln



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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.

**BREED**

Standard Poodle

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.

**SEX**

FS

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**AGE**

10 Years

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