



**PATIENT PRESENTING CLINICAL SIGNS**

Rocco Sclafani Increased liver values lead to AUS with aspirates and cytology confirmed a hepatocellular carcinoma.

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

**SPECIES** A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

Thorax

**BREED**

Mixed

The bony and surrounding soft tissue structures are within normal limits.

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 is uniform and considered within normal limits.

**SEX**

Neutered Male

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.

**AGE**

6 Years

The lung parenchyma presents the expected architecture and attenuation behavior.

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

**INTERPRETED BY**

Abdomen

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

**HOSPITAL NAME**

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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.

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

**REFERRING VET**

Meaux

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Most likely originating from the caudoventral margin of the left medial liver lobe, a multilobulated, heterogeneous soft tissue attenuating and irregular contrast enhancing globoid mass is seen, measuring 9.2 x 7.8 x 10.3 cm in size. The pylorus is displaced dorsally by the mass effect. The remainder of the hepatic parenchyma are uniform soft tissue attenuating and contrast enhancing.

**INVOICE**

54556

The hepatic lymph nodes are prominent.

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

**DATE**

10-11-22

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

The vertebral endplates L1/L2 present mild spondylosis formation.



**PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Rocco Sciafani
- Solitary hepatic mass – suspect origin from the left medial liver lobe
  - Lymphadenopathy hepatic lymph nodes
  - Spondylosis deformans
  - No evidence of pulmonary metastatic disease

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

The findings are consistent with the history of hepatic mass and hepatocellular carcinoma has already been confirmed by cytology. Complete surgical excision of the mass is considered feasible, as it is attached to the caudoventral margin of the left division of the liver.

Mixed

Recommend FNA sampling of the hepatic lymph nodes to differentiate between reactive hyperplasia versus metastatic spread.

**SEX**

Neutered Male

**AGE**

6 Years

**INTERPRETED BY**

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**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

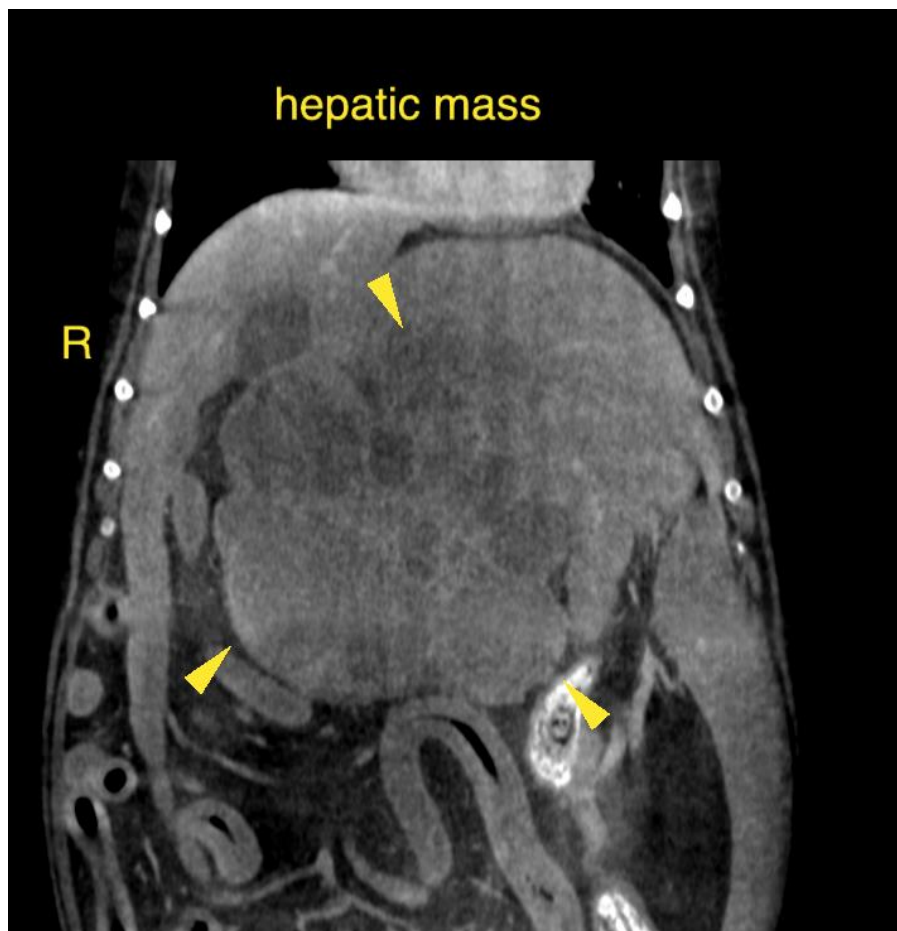
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**PATIENT**

Rocco Sclafani

**SPECIES**

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**BREED**

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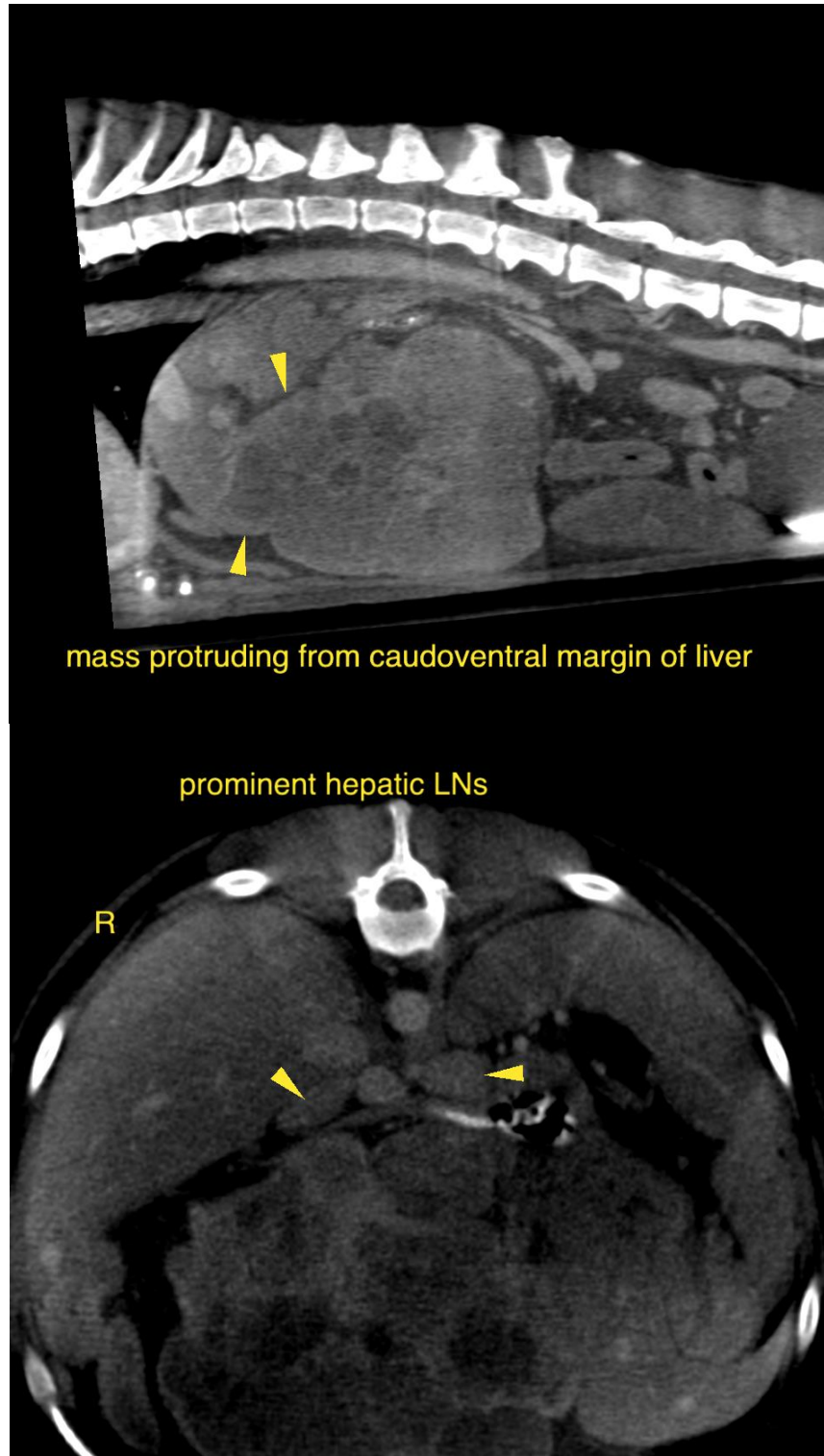
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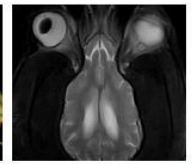
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mass protruding from caudoventral margin of liver

prominent hepatic LNs



**PATIENT**

Rocco Sclafani

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.

**SPECIES**

Canine

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.

**BREED**

Mixed

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Neutered Male

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