



**PATIENT PRESENTING CLINICAL SIGNS**

Sparky Murray Hx of liver disease, elevated enzymes, mass found on ultrasound. CT for surgical planning and staging.

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

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED Abdomen**

Min Pinscher  
The patient is obese.

**SEX**  
Female Spayed  
A large cavitating and irregular shaped mass of approximately 9.0 cm width, 9.0 cm length, and 5.0 cm height is emerging from the left division of the liver. The mass is pedunculated and extends far caudally into the mid abdomen. Dorsal deviation of the gastric body is seen. Heterogeneous post contrast enhancement with multiple cavitation and focal mineralization are noted. The remainder of the liver presents small hypoenhancing nodules as well as small parenchymal cysts.

**AGE**  
The gallbladder is severely distended.

12 Years  
Small hyperenhancing nodules are seen within the spleen.

Multiple less than 5mm sized cortical cysts are seen within both kidneys.

**INTERPRETED BY**

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

The adrenal glands, pancreas, gastrointestinal tract, and abdominal lymph nodes present within normal limits.

Multiple ventrally bridging spondyloses are seen throughout the lumbar spine.

**Thorax**

**HOSPITAL NAME**

Mobile Pet Imaging

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.

**REFERRING VET**

Meaux

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.

**INVOICE**

53629

A diffuse increase in interstitial pulmonary attenuation is seen with even distribution throughout the lung. There is no evidence of pulmonary nodules or masses. Occasional peribronchial interstitial infiltrates are present.

**DATE**

8-22-22

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

**PATIENT**      **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Sparky Murray

- Cavitated expansile and pedunculated soft tissue mass arising from the left division of the liver.
- Hepatic and splenic nodules.
- Small parenchymal liver cysts.
- Cortical renal cysts.
- No evidence of pulmonary metastatic disease.
- Diffuse interstitial lung pattern.

**SPECIES**

Canine

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

Min Pinscher

The CT study reveals an expansile cavitated mass emerging from the left division of the liver. Origin from the medial and ventral aspect of the left medial liver lobe is considered most likely. The mass is in a resectable position. Differential diagnosis includes hepatocellular carcinoma, secondary neoplasia of the liver including sarcoma as well as hepatoma. Final diagnosis will require histology.

**SEX**

Female Spayed

The small nodules within the liver and spleen are likely to represent benign nodular hyperplasia, regenerative nodules, organizing hematomas. However, the possibility of metastatic disease cannot be ruled out entirely.

**AGE**

12 Years

No evidence of pulmonary metastatic disease was found. The diffuse increase in interstitial attenuation may be a function of the anesthesia and reduced pulmonary inflation. However, interstitial lung disease such as interstitial pneumonia, pneumonitis, emerging fibrosis, or noncardiogenic pulmonary edema cannot be ruled out entirely. Correlation with potential clinical signs is required.

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

**INVOICE**

53629

**DATE**

8-22-22



**PATIENT**

Sparky Murray

**SPECIES**

Canine

**BREED**

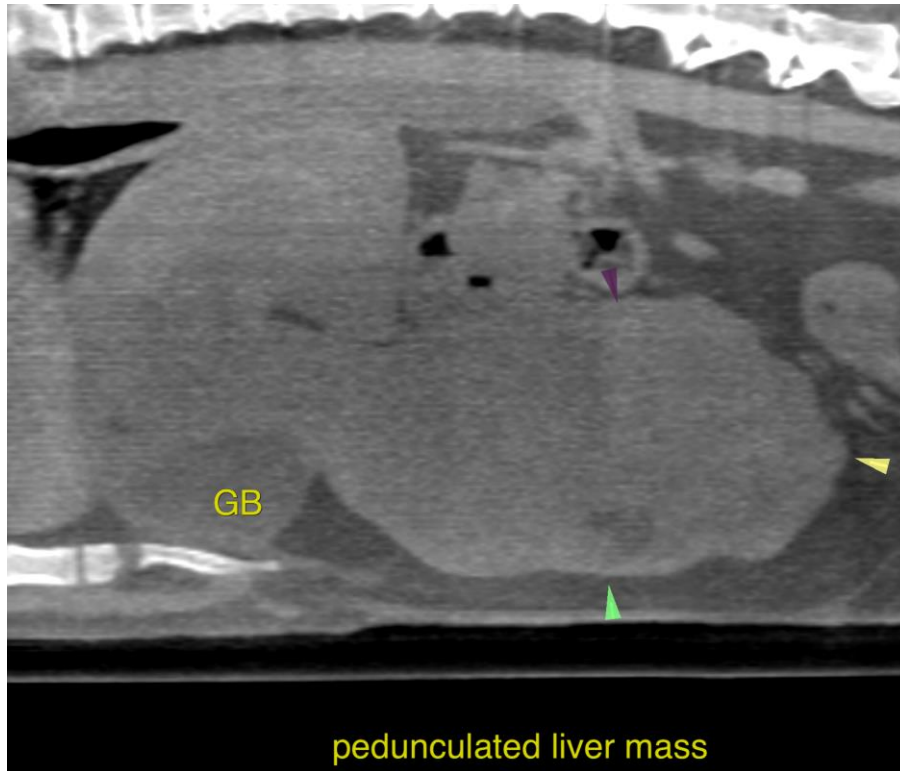
Min Pinscher

**SEX**

Female Spayed

**AGE**

12 Years



**INTERPRETED BY**

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

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.

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.

**HOSPITAL NAME**

Mobile Pet Imaging

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
Nele.Eley@sonopath.com

**REFERRING VET**

Meaux

**INVOICE**

53629

**DATE**

8-22-22