



**PATIENT PRESENTING CLINICAL SIGNS**

Mikey Girsh Elevated liver enzymes, suspected liver mass seen on ultrasound

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

Feline Plain and post contrast studies available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

DSH **Abdomen**

An irregular shaped and ill-defined hypoattenuating mass with predominantly peripheral contrast enhancement is seen expanding the left division of the liver. The mass measures approximately 4 x 4.5 cm and deviated the hepatic capsule. The mass is distant from the portal hilus and gallbladder. The remainder of the hepatic parenchyma presents multiple smaller hypoattenuating and hypoenhancing nodules.

**SEX**

Neutered Male The gallbladder, cystic duct, and common bile duct present within normal limits.

**AGE**

13 Years The left kidneys is severely reduced in size (see image below) and presents a reduced nephrogram. Mineral attenuating material is seen within the renal diverticuli of both kidneys. The pyelogram of the left kidney is delayed.

**INTERPRETED BY**

Nele Eley, DVM Dr. med. Vet. DipECVDI Prominence of the pancreas with mildly dilated pancreatic duct is seen. There is no evidence of regional mesenteropathy.

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

**HOSPITAL NAME**

Aloha Pet & Bird Hospital L5/6, L6/7, and L7/S1 spondyloses are seen.

**Thorax**

A moderate generalized bronchial lung pattern is noted. Occasional pulmonary osteomas are seen. There is no evidence of interstitial pulmonary nodules or masses.

**REFERRING VET**

Dr. J. Pepen One of the sternal lymph nodes is mildly enlarged and an esophageal tube, which is likely a temperature probe or ECG, is present.

No significant cardiovascular changes are noted.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large left divisional liver mass
- Multiple cystic liver nodules
- Bilateral hypercalcemic nephropathy with suggestion of end-stage renal disease of the left kidney.
- Suspect chronic or prior pancreatitis.
- Bronchial lung pattern.

**DATE**

10-8-22

**PATIENT**

- Mild sternal lymphadenomegaly.

Mikey Girsh

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

13 Years

**INTERPRETED BY**Nele Eley, DVM  
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Aloha Pet & Bird  
Hospital**REFERRING VET**

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The most likely differential diagnosis for the liver mass is biliary cyst adenoma. Cyst adenocarcinoma, liver cyst, benign nodular hyperplasia, and other neoplasia of the liver are potential but less likely differential diagnoses. The findings are not typical for an abscess or hematoma. The mass is in a resectable position. Most likely lobar origin is the left lateral liver lobe. However, the presence of similarly attenuating and enhancing nodules throughout the remainder organ parenchyma should be noted which are likely to represent additional cyst adenomas. Nodular hyperplasia, liver cysts, and metastatic disease are possible but less likely differential diagnoses.

The bronchial lung pattern is not necessarily of clinical significance and may be age related. Allergic lower airway syndrome and infectious bronchitis are potential but less likely differential diagnoses.

The sternal lymphadenomegaly is likely due to pathology in the cranial abdomen as this is the largest tributary region of the sternal lymph nodes. Reactive hyperplasia is considered likely. Metastatic disease is a lower potential.



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**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

**REFERRING VET**

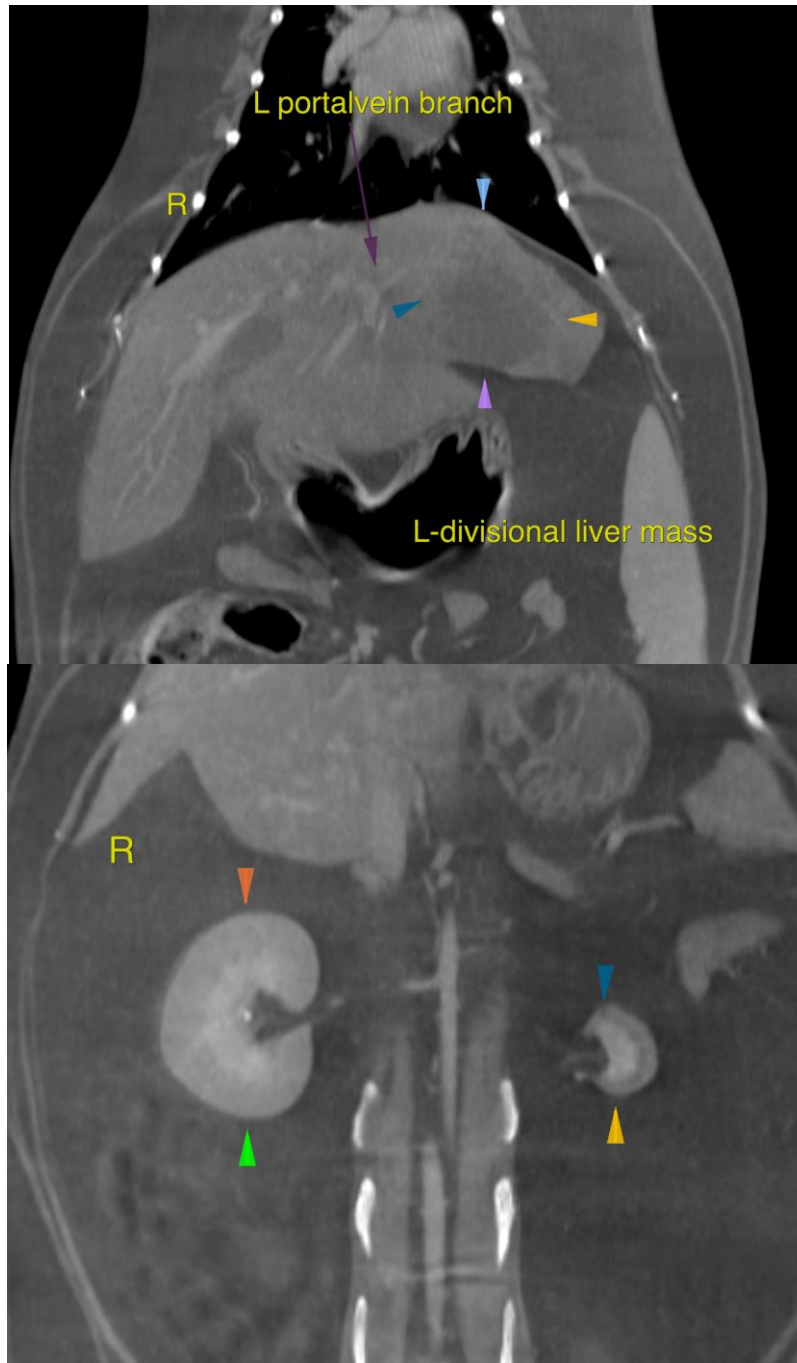
Dr. J. Pepen

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**PATIENT**

Mikey Girsh

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**

Feline

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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**BREED**

DSH

**SEX**

Neutered Male

**AGE**

13 Years

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