



**PATIENT PRESENTING CLINICAL SIGNS**

Lucky Fernandez The attending clinician recommended checking the thorax and abdomen looking for a mass. Abdomen distended.  
Abnormal PE/Chem/CBC/UA Results: Chemistry WNL

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

Feline Plain and post contrast studies available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

DSH **Abdomen**

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

**SEX**

Spayed Female 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**

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

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

**INTERPRETED BY**

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

Multiple up to 1 cm sized cystic lesions are seen throughout the right, left, and central divisions of the liver with no mass effect and no contrast enhancement.

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.

**HOSPITAL NAME**

Mobile Pet Imaging

Expansion and aggressive osteolysis of the roof of the 4<sup>th</sup> lumbar vertebra are seen. There appears to be a soft tissue component of the lytic lesion extending into the vertebral canal causing a severe mass effect onto the spinal cord from a left dorsolateral aspect.

**REFERRING VET Thorax**

Villasmil The degree of pulmonary inflation is fair.

**INVOICE**

59634 The lung and bronchial tree present within age related normal limits. A mild generalized bronchial lung pattern is noted. No evidence of interstitial pulmonary nodules or masses are seen.

The patient's body condition score is excessive. Abundance of subcutaneous and visceral fat is seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

8-2-23

- Monostotic aggressive osteolytic lesion of the 4<sup>th</sup> lumbar vertebra with severe extradural



**PATIENT**

Lucky Fernandez

- spinal cord compression.
- Multiple cystic lesions within the hepatic parenchyma.
- No evidence of abdominal mass.
- Excessive body condition score.

**SPECIES**

Feline

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a monostotic aggressive osteolytic lesion of the 4<sup>th</sup> lumbar vertebra with extradural spinal cord compression. Differential diagnosis includes primary neoplasia of bone such as osteosarcoma and less likely chondrosarcoma as well as bone metastases of an undetermined primary tumor, multiple myeloma, lymphosarcoma, or other.

**BREED**

DSH

A mass effect was not found in the abdomen.

**SEX**

Spayed Female

The multiple cystic lesions within the liver are very likely to represent benign biliary cyst adenomas. Uncomplicated liver cyst and cystic neoplasia are potential but less likely differential diagnoses.

The osteolytic lesion of the 4<sup>th</sup> lumbar vertebra is nonresectable. The long term prognosis is unfortunately poor.

**AGE**

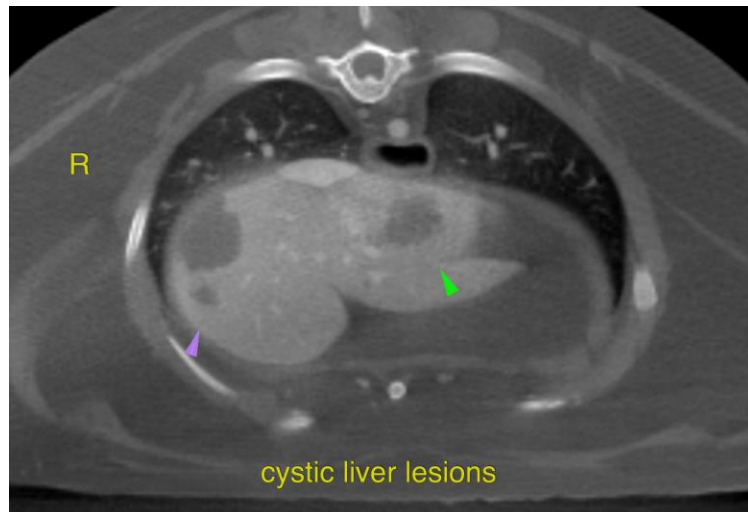
9 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging



**REFERRING VET**

Villasmil

**INVOICE**

59634

**DATE**

8-2-23



**PATIENT**

Lucky Fernandez

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.

**SPECIES**

Feline

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**

DSH

**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.  
[info@sonopath.com](mailto:info@sonopath.com)

**SEX**

Spayed Female

**AGE**

9 Years

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Villasmil

**INVOICE**

59634

**DATE**

8-2-23