



**PATIENT PRESENTING CLINICAL SIGNS**

Poppy Schwartz Pt in hospital for hematuria (resolved) and large diaphragmatic hernia/mass noted on exam. Hx of seizures for 3 years (on meds).  
Abnormal PE/Chem/CBC/UA Results: Refer to radiology report attached.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN, AND HEAD**

Feline Plain and post contrast studies available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Maine Coon **Thorax & Abdomen**

**SEX**  
Neutered Male An approximately 3 cm wide defect is seen in the center of the diaphragm ventral to the caudal vena cava. Parts of the central division of the liver and omental fat are protruded into the thoracic cavity in a midline position through the defect. The protruded fat is in direct contact with the free wall of the left ventricle of the heart. Attenuation and enhancement of the protruded liver present within normal limits.

**AGE**  
9 Years, 6 Months The gallbladder is moderately distended. Cystic duct dilation is noted.

The kidneys, adrenal glands, pancreas, spleen, and gastrointestinal tract present within normal limits.

The lung presents multifocal ventral peripheral atelectasis and a mild generalized bronchial pattern.

**INTERPRETED BY Head**

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**HOSPITAL NAME**  
Mobile Pet Imaging Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**REFERRING VET**  
Meaux Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

**INVOICE**  
54070 The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

**DATE**

9-13-22



**PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS**

Poppy Schwartz

- Central diaphragmatic defect with protrusion of the liver and abdominal fat into the thoracic cavity.
- Bronchial lung pattern.

**SPECIES**

Feline

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Maine Coon

The CT study reveals a large defect within the center of the diaphragm. Congenital and acquired defects such as with trauma are a potential. A pericardial defect is not overtly seen but pleural peritoneal remnant with peritoneal pericardial diaphragmatic hernia with small pericardial defect is a potential differential diagnosis.

**SEX**

Neutered Male

**AGE**

9 Years, 6 Months

The bronchial lung pattern may be within age related normal limits. Low grade lower airway disease such as allergic lower airway syndrome or infectious bronchitis cannot be ruled out entirely. Correlate with the clinical signs.

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

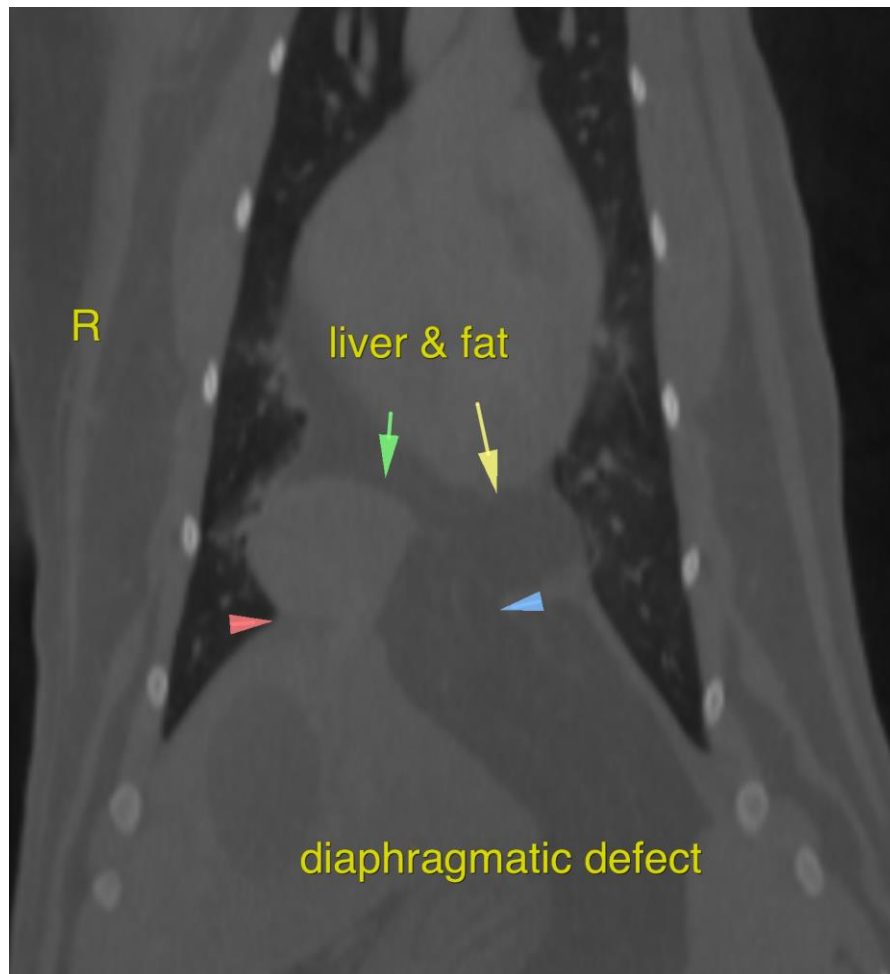
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**PATIENT**

Poppy Schwartz

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**

Maine Coon

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
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**SEX**

Neutered Male

**AGE**

9 Years, 6 Months

**INTERPRETED BY**

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DVM Dr. med. vet.,  
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**HOSPITAL NAME**

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**REFERRING VET**

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