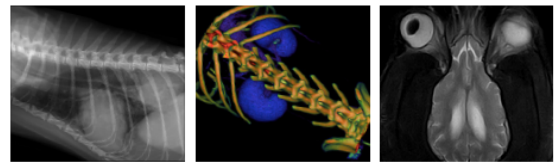




<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Lexi Griffiths	Neutropenia Hyperglobulinemia Elevated hepatic enzymopathy Looking for shunts
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: Chem - glob 56 H (45), ALT 627 H (125), ALP 902 H (212), chol 9.76 H (8.26) CBC - neut 1.3 L (2.9), retic 172.5 H (110), rest WNL
Canine	<b>COMPUTED TOMOGRAPHIC STUDY OF THE THORAX &amp; ABDOMEN</b>
	Plain and post-contrast studies in soft tissue, bone, and lung windows available for review.
<b>BREED</b>	<b>COMPUTED TOMOGRAPHIC FINDINGS</b>
Maltese X	<b>Abdomen</b>
<b>SEX</b>	No evidence of intra- or extrahepatic portal vascular bypasses is seen. The intra- and extrahepatic portal vein branching present within normal limits. The liver presents mild generalized enlargement with diffuse heterogeneous contrast enhancement. The gallbladder is severely distended. A moderate amount of mineral attenuating material is seen ventrally within the gallbladder.
Spayed Female	Occasional small hyperenhancing splenic nodules are seen.
<b>AGE</b>	The nephrogram and surface of both kidneys are slightly irregular.
11 Years	The pancreas and adrenal glands present within normal limits.
	A small subcutaneous soft tissue attenuating nodule is seen in the left flank.
<b>INTERPRETED BY</b>	<b>Thorax</b>
Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI	Moderate dorsoventral flattening of the cervical and thoracic trachea is seen.
	There is mild flattening of the mainstem bronchi.
<b>HOSPITAL NAME</b>	A mild diffuse increase in interstitial attenuation of the lung is seen. There is a 4.0 mm sized thin walled, gas-filled cavitory lesion within the right cranial lung lobe.
Animal Health Partners	The mediastinal lymph nodes present within normal limits.
	<b>COMPUTED TOMOGRAPHIC DIAGNOSIS</b>
<b>REFERRING VET</b>	<ul style="list-style-type: none"> <li>• Hepatopathy with hepatomegaly and heterogeneous enhancement</li> <li>• Gallbladder microlithiasis</li> <li>• No evidence of congenital or acquired portosystemic shunts.</li> <li>• Splenic nodules</li> <li>• Presumably degenerative changes of both kidneys</li> <li>• Tracheal and bronchial collapse</li> <li>• Interstitial lung disease with small bulla in the right cranial lung lobe</li> </ul>
Dr. Shannon Westgarth	
<b>INVOICE</b>	<b>INTERPRETATION OF FINDINGS &amp; FURTHER RECOMMENDATIONS</b>
41395	The CT study does not reveal evidence of congenital or acquired portosystemic shunts. However, there is evidence of generalized structural changes of the hepatic parenchyma. Differential diagnoses
<b>DATE</b>	
9/13/22	



**PATIENT** Lexi Griffiths include vacuolar, metabolic, and endocrine hepatopathy as well as diffuse inflammatory/infectious or neoplastic disease. Further definition by means of biopsy and histology recommended.

Differential diagnoses for the splenic nodules include benign nodular hyperplasia, extramedullary hematopoiesis, and less likely neoplastic infiltrative. Consider sampling for further definition versus further monitoring.

**SPECIES**

Canine Note the presence of tracheal and bronchial collapse, which supports presence of degenerative bronchomalacia.

**BREED**

Maltese X The diffuse increase in interstitial attenuation of the lung may be due to emerging fibrosis or less likely interstitial pneumonia, pneumonitis, or non-cardiogenic pulmonary edema. A diffuse neoplastic infiltrate cannot be ruled out entirely either.

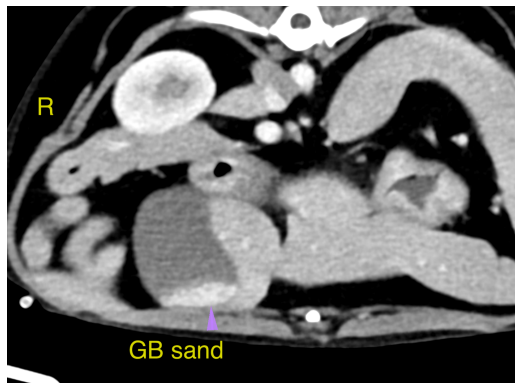
**SEX**

The presence of the small pulmonary bulla supports the presence of reduced pulmonary compliance and may increase the risk for spontaneous pneumothorax slightly.

Spayed Female

**AGE**

11 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.**

**HOSPITAL NAME**

Animal Health  
Partners

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.

**REFERRING VET**

**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

**INVOICE**

41395

**DATE**

9/13/22