



**PATIENT PRESENTING CLINICAL SIGNS**

Gary Petsmart  
Newton  
History: Wheezing, on doxycycline and baytril for past 10 days

**RADIOGRAPHIC STUDY OF THE THORAX**

**SPECIES**  
Rodent  
The hemithorax labelled with an R contains a roundish, gas filled structure which displaces the cardiac shadow to the opposite side. The gas filled structure is located between ribs 5 and 9 on the DV view and 4 and 10 on the latera view. The lungs cranial to the space occupying lesion are of homogeneous soft tissue opacity.

**BREED**  
Guinea Pig  
**RADIOGRAPHIC DIAGNOSIS**

- Gas filled structure in right hemithorax
- Mediastinal shift to the contralateral side
- Consolidation right cranial lungs

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

**AGE**  
14 Weeks  
Male  
The structure in the thorax could represent the stomach, as occurs in hiatal hernia and diaphragmatic rupture. Differential diagnoses include localized esophageal distension, thoracic/mediastinal cyst or abscess with gas forming organisms. Primary lung disease is also possible and congenital problem, cyst/hematocyst or abscessation have to be considered. To rule out esophagus or gastro-intestinal tract involvement, oral Barium should be administered, and further images obtained; extra care has to be taken regarding the side marker on the DV view. It may be necessary to hold the animal in an upright position to allow the Barium to find its way into the stomach. The fore legs need to be pulled out of the way completely. Alternatively, a CT examination can be performed.

**INTERPRETED BY**

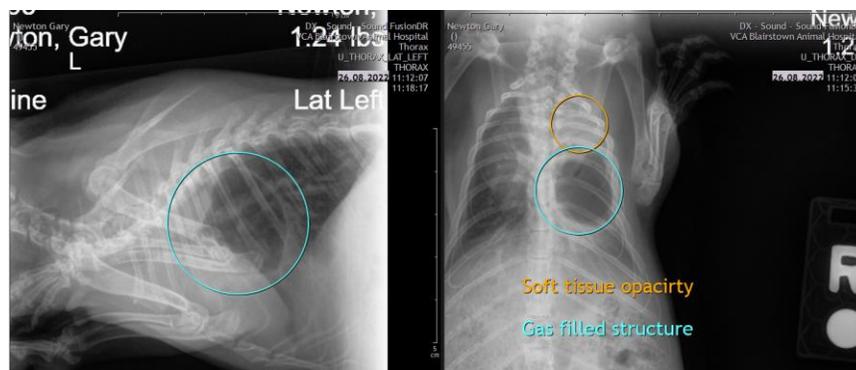
Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

**HOSPITAL NAME**

Blairstown AH

**REFERRING VET**

Dr. Clegg



**INVOICE**

17091 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.

**DATE**

8/26/22

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.

**Heike Rudolf, DVM, Dr. med. vet., DipECVDI, DVR**  
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