



**PATIENT PRESENTING CLINICAL SIGNS**

Lucy O’Gallagher History: Very young puppy with regurgitation of food and water since adoption earlier this week. Truly regurgitation (not vomiting). Trying to rule out vascular ring anomaly (vs other causes of regurgitation).

**SPECIES**

Canine Abnormal PE/Chem/CBC/UA Results: Mild age-related changes on blood work. Nothing overly abnormal. Small stature otherwise normal PE

**BREED**

Toy Poodle A pre- and post-contrast CT study of the thorax and abdomen in a soft tissue reconstruction are provided for review.

**SEX**

Intact Female

**COMPUTED TOMOGRAPHIC FINDINGS**

**Thorax**

The bony and surrounding soft tissue structures are within normal limits, the growth plates are age related open.

**AGE**

2 Months The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The esophageal segment cranial to the aortic arch is mildly dilated by gas, the caudal esophageal segment contains small incidental gas bubbles.

The cardiovascular structures including the pulmonary vasculature are within normal limits. A physiological left aortic arch is appreciated.

**HOSPITAL NAME**

Animal Health  
Partners

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

**REFERRING VET**

Dr. Ashley Gold

**Abdomen**

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

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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.

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

**DATE**

8/26/22



**PATIENT**

Lucy O’Gallagher Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**SPECIES**

Canine The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**BREED**

The bony and surrounding soft tissue structures reveal no abnormalities.

Toy Poodle

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SEX**

- Mild esophageal dilation, most accentuated cranial esophageal segment
- No evidence of persistent right fourth aortic arch
- Structural normal abdomen

Intact Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

2 Months The CT study presents no evidence of vascular ring anomaly, although a normal left aortic arch with a right ligamentum arteriosum (type V) cannot be ruled out entirely. As clinical signs are suggestive for dysphagia, a positive contrast fluoroscopic swallowing study would be ideal to screen for esophageal dysmotility or signs of stricture.

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**REFERRING VET**

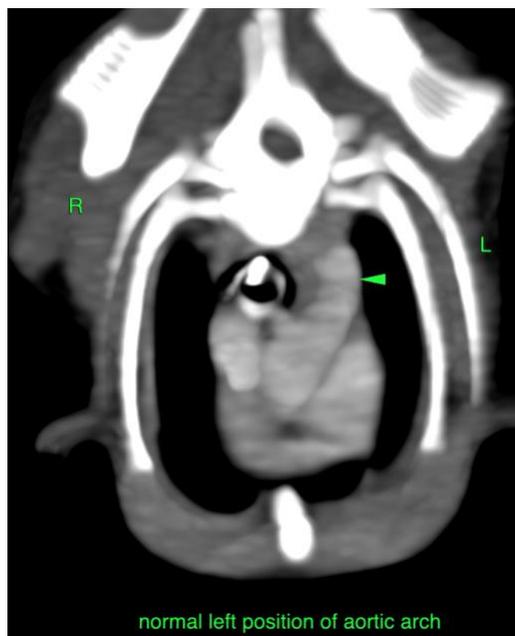
Dr. Ashley Gold

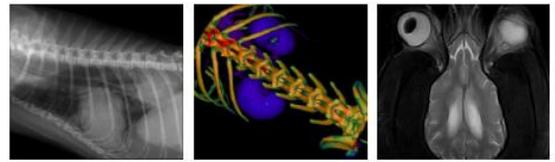
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**PATIENT**

Lucy O’Gallagher

**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.**

**SPECIES**

Canine

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**BREED**

Toy Poodle

**SEX**

Intact Female

**AGE**

2 Months

**INTERPRETED BY**

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DVM Dr. med. vet.  
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