



PATIENT PRESENTING CLINICAL SIGNS

Kiara Marresco History: Hx of vomiting every time she eats. Radiographs showed generalized megaesophagus. Abnormal PE/Chem/CBC/UA Results: ALP 199, Glob 1.7

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Canine A high resolution pre- and post-contrast CT study of the thorax is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Yorkshire Terrier

The bony and surrounding soft tissue structures are within normal limits.

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.

SEX

Intact Female

The cardiovascular structures including the pulmonary vasculature are within normal limits. The aortic arch is located on the left side of the trachea.

AGE

5 Months

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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior.

Generalized moderate dilation of the esophagus is seen, containing a moderate amount of soft tissue material and gas. The intrathoracic segment of the trachea is displaced mildly to the right and ventrally by the mass effect of the distended esophagus.

HOSPITAL NAME

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Megaesophagus
- No evidence of vascular ring anomaly
- No evidence of aspiration pneumonia

REFERRING VET

Meaux

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

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The CT study fits the history of generalized megaesophagus but fails to present an underlying cause and the presumptive diagnosis is congenital/idiopathic megaesophagus. Other differentials would include hypothyroidism, myasthenia gravis or hypoadrenocorticism, but these are considered less likely here.

DATE

8/12/21

Empirical management by elevated feeding, gastric protection therapy and Sildenafil is recommended.



PATIENT

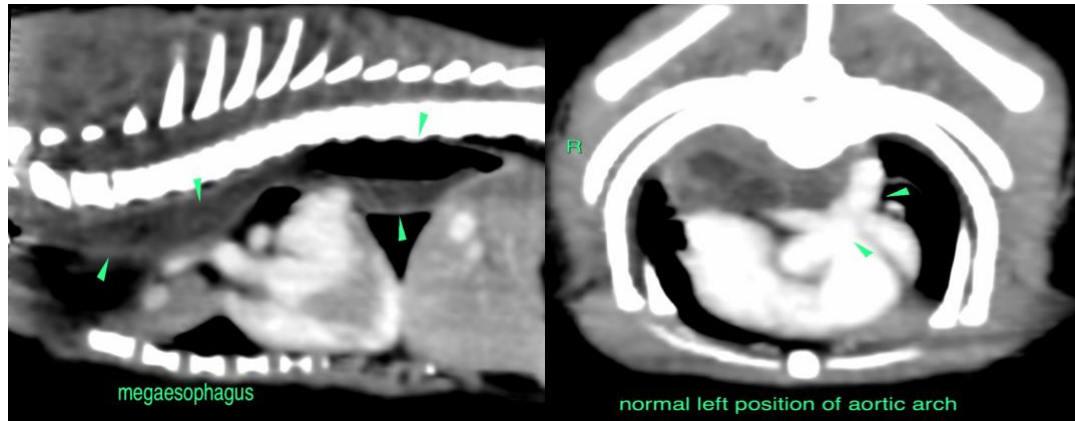
Kiara Marresco

SPECIES

Canine

BREED

Yorkshire Terrier



SEX

Intact Female

AGE

5 Months

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.

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.

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