



PATIENT

Lola Echols

PRESENTING CLINICAL SIGNS

Suspect vascular ring anomaly

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post contrast studies available for review.

BREED

Italian Greyhound

COMPUTED TOMOGRAPHIC FINDINGS

Generalized dilation of the esophagus is noted. The dilation however is most pronounced cranial to the heart base with formation of a partially fluid filled diverticulum. A persistent right aortic arch is noted which is seen to the right of the trachea and esophagus with a thin soft tissue attenuating band connecting the aortic arch with the main pulmonary artery and constricting the esophageal lumen. At this time, there is no evidence of aspiration pneumonia. No persistent left cranial vena cava is seen.

SEX

F

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Persistent right aortic arch with esophageal stenosis and diverticulum formation.
- Generalized esophageal dysmotility due to general anesthesia or chronic stenosis with malfunction.
- No evidence of aspiration pneumonia.

AGE

7.5 Weeks

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a persistent right aortic arch. Constrictive narrowing of the esophagus with esophageal diverticulum formation is noted. There is no evidence of perfusion within the ligament/ductus however residual perfusion cannot be ruled out as it may be compromised due to the stretch of the ligament. There is no evidence of a persistent left cranial vena cava which may interfere with the surgical access to the ligament/ductus.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Mountain West
Veterinary Hospital

REFERRING VET

Burton

INVOICE

54991

DATE

11-4-22



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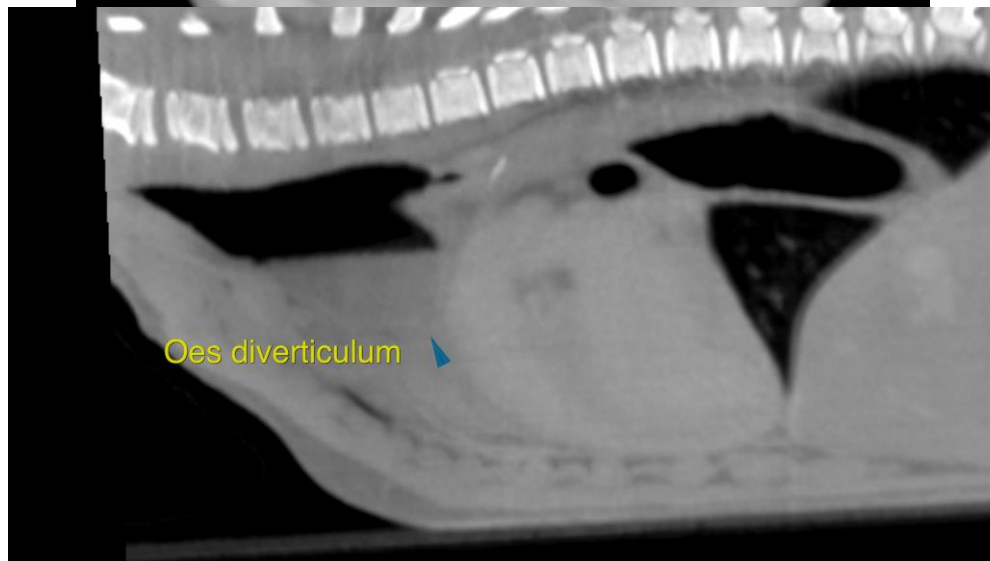
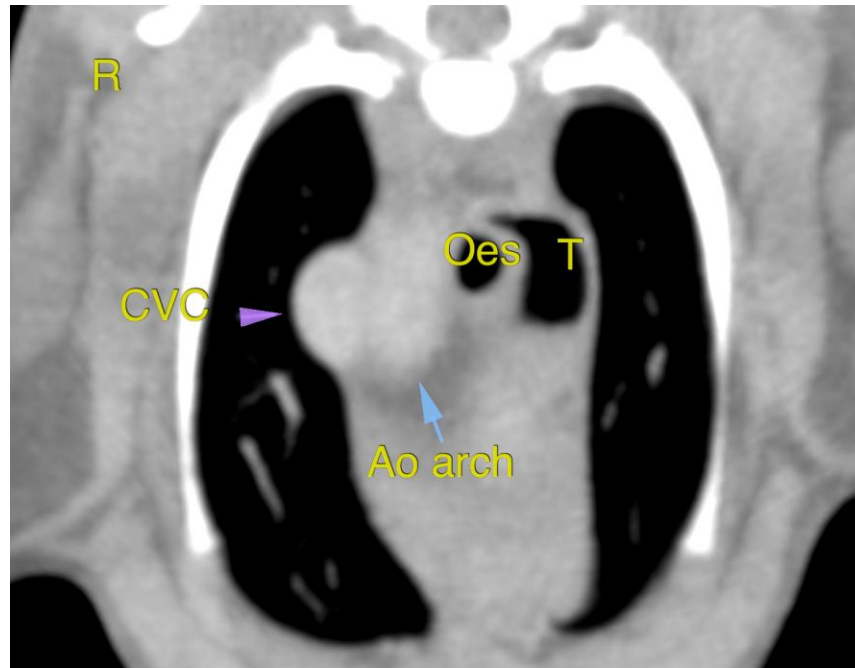
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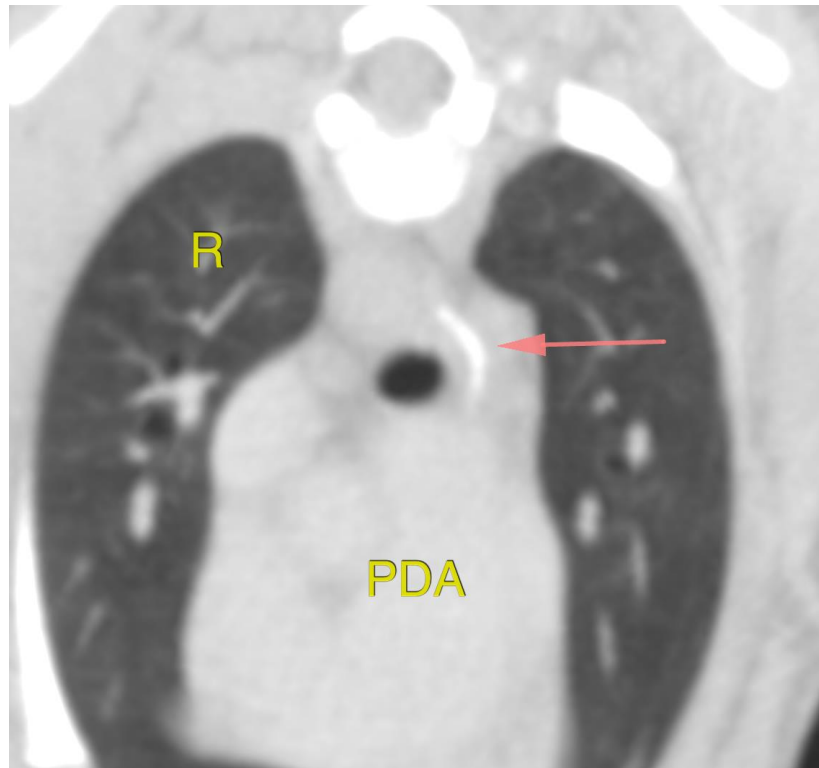
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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