

**PATIENT**

Leroy Mills

PRESENTING CLINICAL SIGNS

incidental finding: grade 3-4 right sided basal heart murmur
Abnormal PE/Chem/CBC/UA Results: haematology and chemistry unremarkable

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post contrast studies in soft tissue and lung windows available for review.

BREED

Jack Russell

COMPUTED TOMOGRAPHIC FINDINGS

No overall enlargement of the cardiac silhouette is seen. There is mild bulbous dilation of the main pulmonary artery distal of the right ventricular outflow tract where it is wider in diameter than the aorta at the same level. The lumen of the right ventricle is approximately one third of the left ventricular lumen. No evidence of left atrial enlargement is seen. There is no evidence of persistent right aortic arch. No evidence of cardiogenic pulmonary edema or caudal vena cava dilation is noted.

SEX

Male

The lung and bronchial tree present within age related normal limits.

AGE

4 Months

A thymic remnant is seen. There is mild prominence of the mediastinal lymph nodes.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

- Mild bulbous enlargement of the main pulmonary artery - no significant left atrial enlargement and no evidence of congestive heart failure is seen.
- No evidence of persistent right aortic arch.
- Presumed juvenile lymphadenomegaly - within normal limits.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Functional and morphological assessment of the cardiac silhouette is very limited with standard CT unless multi-slice scanners with fast rotation times and cardiac ECG gating are used. However, based on the available findings, the possibility of congenital pulmonic stenosis should be considered. Other congenital or acquired cardiac abnormality cannot be ruled out unfortunately, and a full cardiac echo should be considered for further verification if indicated per the clinical signs and auscultation.

HOSPITAL NAME

Advanced Veterinary
Imaging

REFERRING VET

Eamon Ryan

INVOICE

48336

DATE

11-15-21



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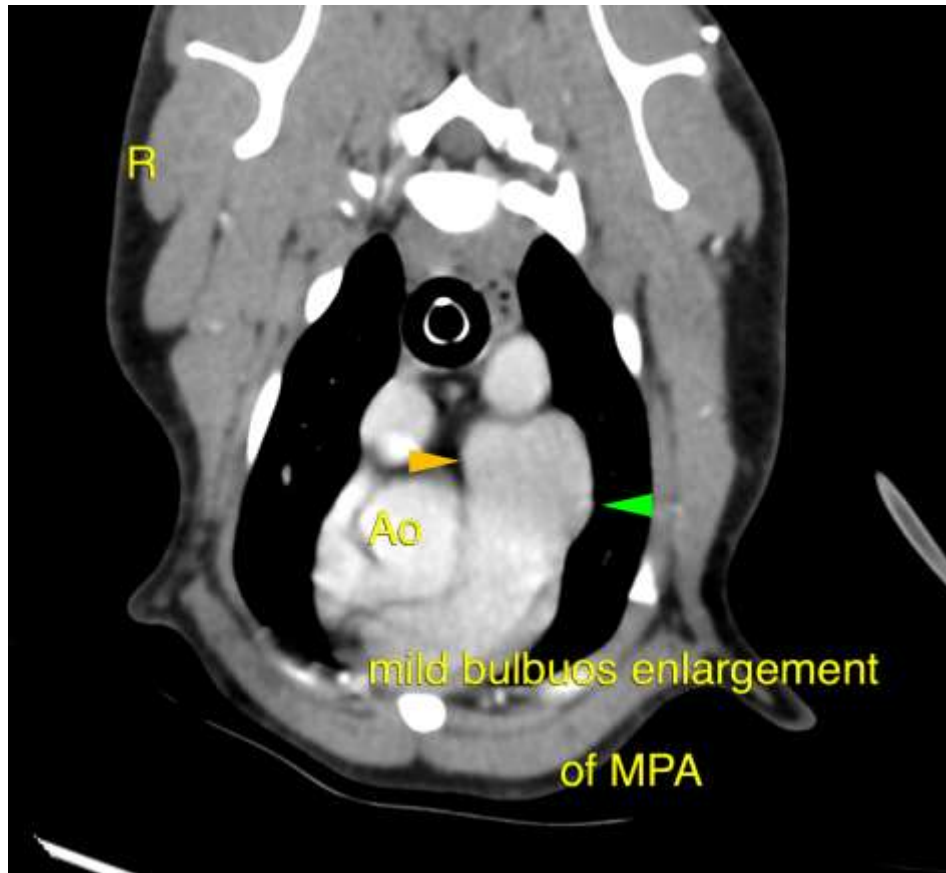
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

REFERRING VET

Eamon Ryan

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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