



PATIENT

Valentina Guevara

PRESENTING CLINICAL SIGNS

Patient presented for a second opinion on cardiac condition. P present respiratory distress for several weeks.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post contrast studies available for review.

BREED

Pomeranian

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals large thrombi within the right and left branch of the main pulmonary arteries. The thrombus within the right branch of the pulmonary artery starts immediately after its branching and can be traced over a distance of at least 5 cm. Severe widening of the right pulmonary artery is seen with the material of the thrombus extending into the first subordinate pulmonary arteries. Abrupt tapering of the arterial diameter is seen distal to the thrombi. The thrombus material presents moderate nonuniform enhancement. Similar material is present within the left branch of the pulmonary artery and its first subordinate pulmonary arteries. The main pulmonary artery is three times the diameter of the aortic root.

SEX

Female

AGE

5 Years

The right ventricle diameter is twice the diameter of the left ventricle. Moderate right atrial enlargement is seen.

At this time, there is no evidence of pleural effusion.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The cranial and caudal vena cava are mildly dilated.

The lung presents mild ventral atelectatic changes.

Esophageal dilation and gastroesophageal reflux are noted.

HOSPITAL NAME

Hospital Veterinario
San Francisco de Asis

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Pulmonary arterial thromboembolism with severe engorgement of the right and left pulmonary arteries.
- Right ventricular and right atrial enlargement.

REFERRING VET

Dr. Ramos

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals severe right and left pulmonary arterial thromboembolism with engorgement of the right and left main pulmonary arteries as well as dilation of the right ventricle and right atrium. Screening for potential underlying diseases such as immune mediated, hemolytic, anemia, pancreatitis, heart disease, sepsis/DIC, and other coagulopathies such as with protein-losing enteropathy or nephropathy could be considered as well as thrombolytic treatment.

INVOICE

57811

DATE

4-14-23



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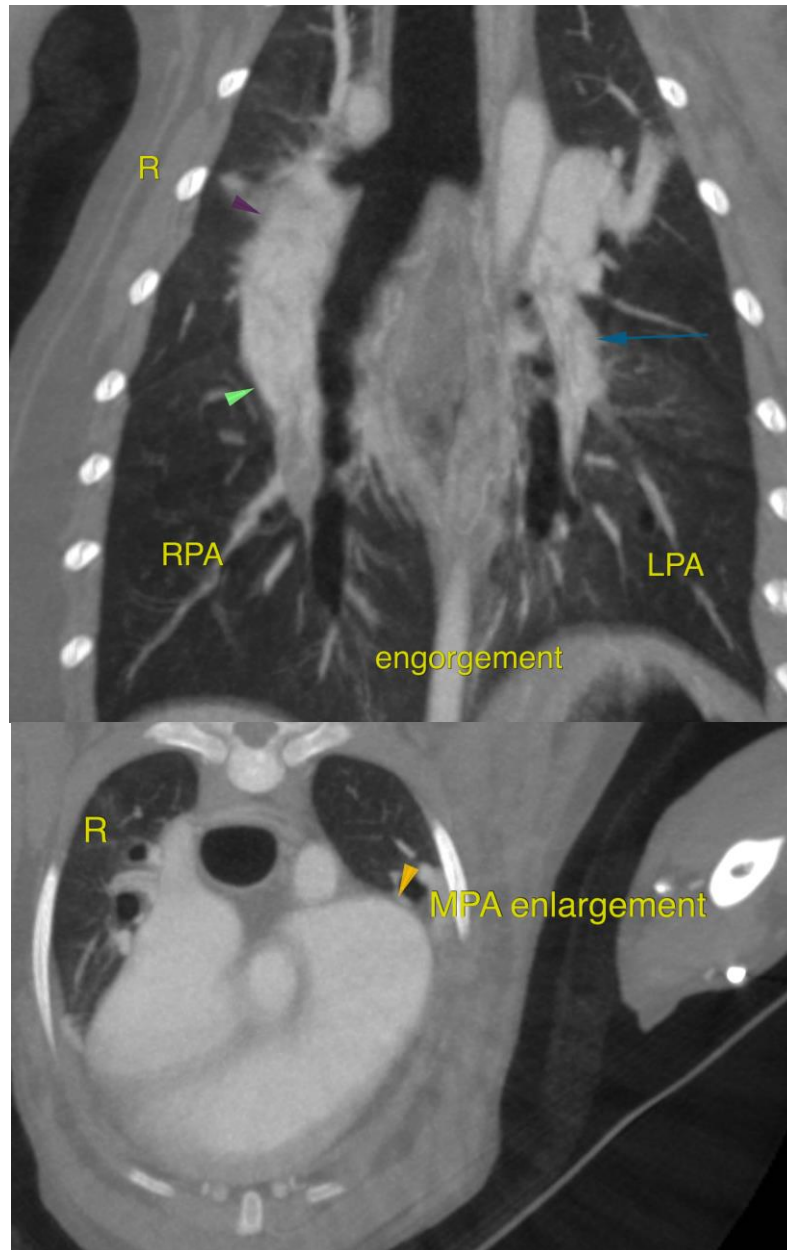
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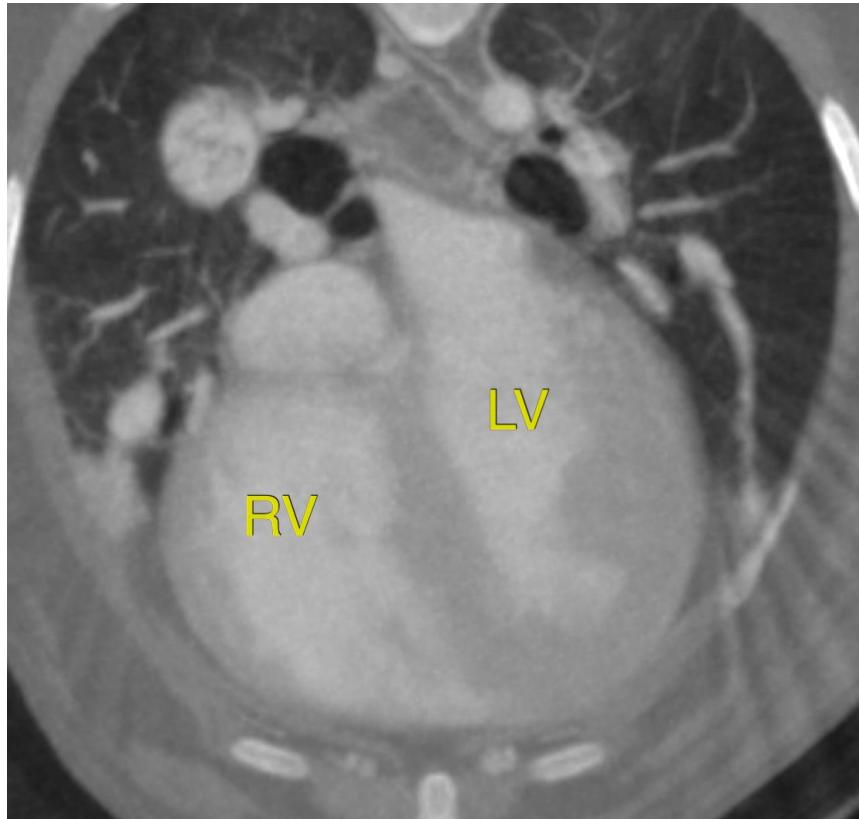
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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