



PATIENT PRESENTING CLINICAL SIGNS

Luke Ligon History: Pt tested positive for Heart worms in 2018, maintained positive tests until Immiticide treatments were completed - May 2020. CT performed per O request to evaluate/obtain baseline of lung fields/heart.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Canine A high-resolution plain CT study of the thorax is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

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

SEX The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

Neutered Male The pulmonary arteries of the caudal lung lobes and the accessory lung lobes are multifocal irregular mildly dilated and intraluminal irregular mineralization of the affected segments of the pulmonary arteries are seen.

AGE Multiple segments of the bronchial tree present a mild thickening of the wall.

6 Years The lung parenchyma presents the expected architecture and attenuation behavior. No abnormalities of the heart are appreciated.

INTERPRETED BY Sebastian Schaub, DVM Dr. med. vet. DipECVDI Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME Neel VH

- History of heartworm infection
- Secondary multifocal mild dilation of the pulmonary arteries with central mineralization
- Multifocal mild thickening of the bronchial walls

REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dr. Ellen Domnick The appreciated changes of the pulmonary vasculature and the bronchial tree are fitting the history of heartworm infection. The mineralization in the pulmonary arteries are likely secondary to focal thrombi formation and dystrophic mineralization.

INVOICE 21440 No abnormalities of the heart are appreciated in the plain CT study – workup might be complemented by a cardiac echo for best assessment of cardiac chamber size and function.

DATE

3/2/23



PATIENT

Luke Ligon

SPECIES

Canine

BREED

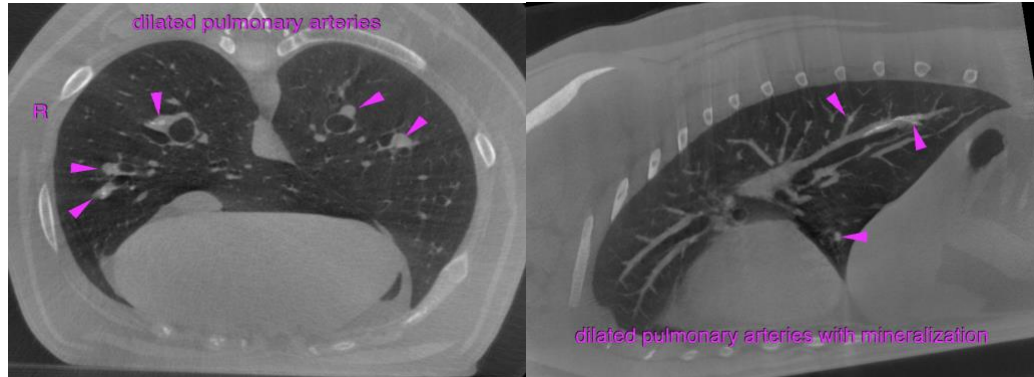
Pitbull Mix

SEX

Neutered Male

AGE

6 Years



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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INTERPRETED BY

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DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Neel VH

REFERRING VET

Dr. Ellen Domnick

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