


PRESENTING CLINICAL SIGNS

History: Presented for coughing frequently started 7/16/22. Radiographs reveal possible right-sided cardiomegaly and enlarged pulmonary trunk.

DATE

8/18/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Tom McNeill

Left atrial size is normal. The mitral valve appears normal, though trivial mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve appear normal, though trivial pulmonic insufficiency is present. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

 LA – 38.2 mm
 LVIDd – 39.2 mm
 LVIDs – 24.2 mm
 FS – 38%

PATIENT

Louie Biddle

 RA – 28.8 mm
 RVIDd – 23.0 mm
 LVOT – 1.95 m/s
 RVOT – 1.15 m/s

SPECIES

Canine

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

 HR: 1342bpm
 Rhythm: Sinus

BREED

Pitbull Mix

Normal sinus rhythm is present throughout this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

RADIOGRAPHIC FINDINGS

Three-view thoracic radiographs are submitted for review.

SEX

MN

The right atrium is prominent in the VD image. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. The trachea is normal. The remainder of the thorax is unremarkable.

AGE

12 mo

ASSESSMENT/RECOMMENDATIONS
WEIGHT

53 lb

Louie's echocardiogram demonstrates no evidence of structural heart disease (trivial mitral and pulmonic regurgitation can be considered normal variants), nor does it demonstrate the presence of adult heartworms in his proximal pulmonary arteries or right heart chambers. Given the absence of right heart enlargement, the appearance of Louie's right atrium in his radiographs is likely a normal variant or artifactual. No reason for Louie's cough is appreciated in his radiographs. Consideration should be given to the presence of heartworm disease despite no worms being present in Louie's proximal pulmonary arteries, though allergic/inflammatory airway disease should be considered as well.

HOSPITAL NAME

SVS Imaging CT

No therapy is recommended based on these exams.

REFERRING VET

Dr. Dolan

A recheck echocardiogram is recommended if new physical exam and/or clinical abnormalities



suggestive of cardiac dysfunction develop.

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PATIENT

Louie Biddle

SPECIES

Canine

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

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Pitbull Mix

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