



	RESENTING CLINICAL SIGNS
DATE	History: New grade 3/6 murmur.
4/28/23	ECHOCARDIOGRAPHIC FINDINGS 2D, M-mode, and Doppler study.
PERFORMED BY:	There is borderline mild left atrial dilation. The mitral valve appears normal, though mild mitral regurgitation is present. Left ventricular wall thickness is normal. There is mild left ventricular dilation. 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 pulmonic valve is normal. There is what appears to be continuous turbulent flow in the distal portion of the main pulmonary artery. No pericardial effusion or cardiac masses are seen.
Kelly Vazquez	
INTERPRETED BY	
Keith Blass, DVM, MS, DACVIM (Cardiology)	LA – 45.1 mm IVSd – 8.3 mm LVPWd – 8.0 mm LVIDd – 48.6 mm LVIDs – 30.8 mm FS – 36.6% RA – 25.1 mm LVOT – 1.98 m/s RVOT – 1.17 m/s PDA – 5.01 m/s
PATIENT	
Leo Laljie	
SPECIES	
Canine	ASSESSMENT/RECOMMENDATIONS Suspect patent ductus arteriosus (PDA)
BREED	This examination demonstrates turbulent blood flow in Leo's main pulmonary artery. While the origin of the flow cannot be visualized, its direction and likely continuous nature is suggestive of the presence of a left-to-right shunting PDA. This appears to be supported by the fact that Leo has mild dilation of his left ventricle and borderline mild dilation of his left atrium, which one would expect to see in the presence of a left-to-right shunt. As only borderline mild left atrial dilation is present, Leo's current risk for the development of left-sided congestive heart failure appears to be relatively low, however, this risk will increase over time if his suspected shunt remains patent.
Golden Doodle	
SEX	
MN	
AGE	Referral to a cardiologist is recommended to confirm the presence of a PDA, and, if there is confirmation, to have it ligated/occluded. If this is to be done in the near future, no medical therapy is recommended, however, if referral is delayed, I recommend starting Leo on pimobendan (7.5 mg am, 5 mg pm) in order to try and slow the progression of left heart volume overload.
2 y	
WEIGHT	A recheck echocardiogram is recommended in 6 months if referral is not pursued. Thoracic radiographs are recommended if Leo experiences respiratory clinical signs.
50 lb	
HOSPITAL NAME	
Marsh Hospital for Animals	
REFERRING VET	
Dr. Milwicki	



DATE

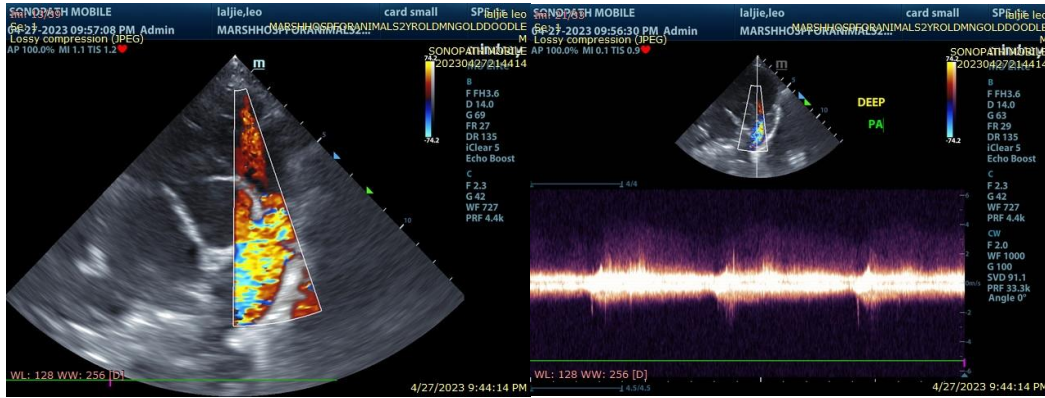
4/28/23

PERFORMED BY:

Kelly Vazquez

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



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.

PATIENT

Leo Laljie

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.

SPECIES

Canine

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631-804-5754

BREED

Golden Doodle

SEX

MN

AGE

2 y

WEIGHT

50 lb

HOSPITAL NAME

Marsh Hospital for
Animals

REFERRING VET

Dr. Milwicki