



PATIENT
Penelope Lemanski

PRESENTING CLINICAL SIGNS

History: Penelope is referred for evaluate a heart murmur and daily coughing daily x 3 months; no labored breathing or collapse episodes. Good appetite and energy. CV/RESP: NSR no murmurs noted PSS lung fields clear. BP: 180mmHg x 3.

SPECIES
Canine

-Current medications: 1) Glucosamine daily 2) Apoquel 16mg 1/2 tab daily 3) Benadryl in the evening *Sedated with propofol.

BREED
Englsih Bulldog

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

Left ventricle: The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal.

Left atrium: The left atrium is normal.

SEX
Female Spayed

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. No mitral regurgitation.

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

AGE
1.5 years

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

Right atrium: Normal RA dimension.

Tricuspid valve: The tricuspid valve appears normal with no tricuspid regurgitation.

WEIGHT
53.1lbs

Pulmonic valve/pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 100bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	2.0
LA diam (cm)	2.4
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.8
LVID diastole (cm)	3.56
PW thickness (cm)	0.8
LVID systole (cm)	2.4
FS (%)	32

Doppler Measurements

PV Vmax (m/s)	0.93
AoV Vmax (m/s)	1.47
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Specialty Services

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. No cause of the murmur is identified in this study. In the absence of significant volume changes (dehydration or anemia), other possibilities include a physiologic flow murmur only present with elevated heart rates (suspected based upon resolution with sedation), or a small flow abnormality not seen here. It is reasonable to monitor periodically via recheck echocardiography in the future, particularly should the murmur persist/progress. No significant valvular insufficiencies were noted, and no structural issues identified. Prognosis is open.

REFERRING VET

Dr. Masloski

INVOICE

20917

No cardiac cause of the cough is suspected. Consider airway diagnostics, including TTW/BAL and/or empiric therapy with an antibiotic, hydrocodone, etc.

DATE

9/7/21

RECOMMENDATIONS

- In a dog without cardiac enlargement, no cardiac medications are clearly indicated.



PATIENT
Penelope Lemanski

- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

SPECIES
Canine

PLAN

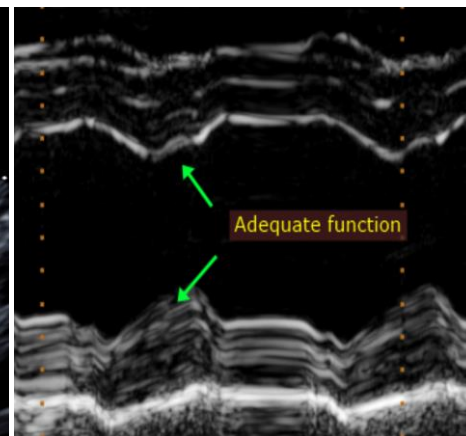
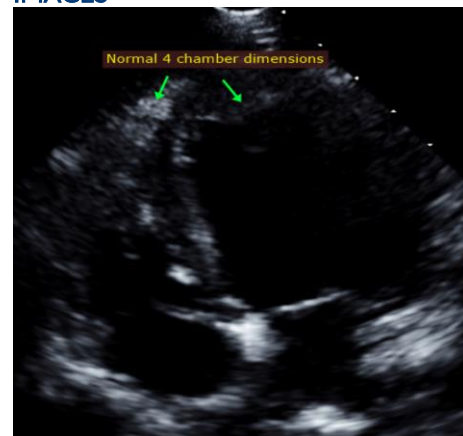
- Recommend conservative monitoring with a recheck echocardiogram in 12-18 months to screen for development of disease the preexisting murmur may mask, sooner if any development of clinical signs or the murmur progresses significantly in the interim.

BREED
Englsih Bulldog

IMAGES

SEX

Female Spayed



AGE

1.5 years

WEIGHT

53.1lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
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.

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDCS

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

HOSPITAL NAME

Mass Veterinary
Specialty Services

Echocardiogram performed by: Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

REFERRING VET

Dr. Masloski

INVOICE

20917

DATE

9/7/21