



PATIENT

Minnie Whitehead

SPECIES

Canine

BREED

P:pitbull

SEX

Female Spayed

AGE

5 years

WEIGHT

54.9lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Foster Veterinary
Clinic

REFERRING VET

Dr. Hattan

INVOICE

20699

DATE

8/23/21

PRESENTING CLINICAL SIGNS

History: Recheck echo. History marked LV dilation and systolic failure. No clinical signs - good appetite; playful, good energy; no cough. BP: 110, 111, 112, 113mmHg.

-Current medications: Pimobendan 6 mg BID; Taurine supplement; spironolactone 25 mg BID; Welactin.

-Pertinent previous echo findings (2/15/21 MML): LA 3.0 cm; LA:Ao 1.28; LV 6.45 cm; FS 6.6%. mild LAE; marked LVE with severe systolic dysfunction; mild MR/TR.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is markedly increased with marked systolic dysfunction. LV wall thicknesses are decreased. Markedly increased sphericity.

Left atrium: The left atrium is mildly dilated.

Mitral valve: The mitral valve is normal with no prolapse into the left atrial lumen. Mild central mitral regurgitation.

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

Right ventricle: Mildly dilated right ventricle.

Right atrium: Mild RA dilation.

Tricuspid valve: The tricuspid valve appears normal with mild tricuspid regurgitation. Normal velocity.

Pulmonary 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 140bpm.

2-Dimensional Measurements

Ao diam (cm)	1.9
LA diam (cm)	2.9
LA:Ao (Swe)	1.5
IVS thickness (cm)	0.9
LVID diastole (cm)	6.2
PW thickness (cm)	0.9
LVID systole (cm)	5.4
FS (%)	13

Doppler Measurements

PV Vmax (m/s)	0.8
AoV Vmax (m/s)	1.7
MR Vmax (m/s)	5.1y
TR Vmax (m/s)	2.0
TR PG (mmHg)	16

INTERPRETATION OF THE FINDINGS

Compared to the prior study, findings are similar with marked LV sphericity and systolic dysfunction. There is a slight improvement in functional shortening with a decreased LVIDS; however, the remainder of the measurements are similar. Mild MR and TR are unchanged and no additional issues are identified.



PATIENT

Minnie Whitehead

Given these findings no change to the medications is recommended as the patient remains asymptomatic which is great. No VPCs are identified in the brief screening ECG; however, a Holter should be considered if any syncope develops in the future.

SPECIES

Canine

Fish oil supplementation is recommended for dogs with arrhythmias (1000-2000mg of omega 3 and 6 once to twice daily).

BREED

P:pitbull

Prognosis remains guarded, with risk for progression to CHF, development of malignant arrhythmias and/or sudden death in the future.

SEX

Female Spayed

RECOMMENDATIONS

- Continue Pimobendan, taurine and Spironolactone as prescribed.
- Omega fatty acid supplementation may be of some long-term benefit.
- Elective anesthesia is not advised.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.
- Monitoring of sleeping breathing rates is advised as the best way to screen for CHF at home.

AGE

5 years

WEIGHT

54.9lbs

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 6 months, sooner if any development of clinical signs.

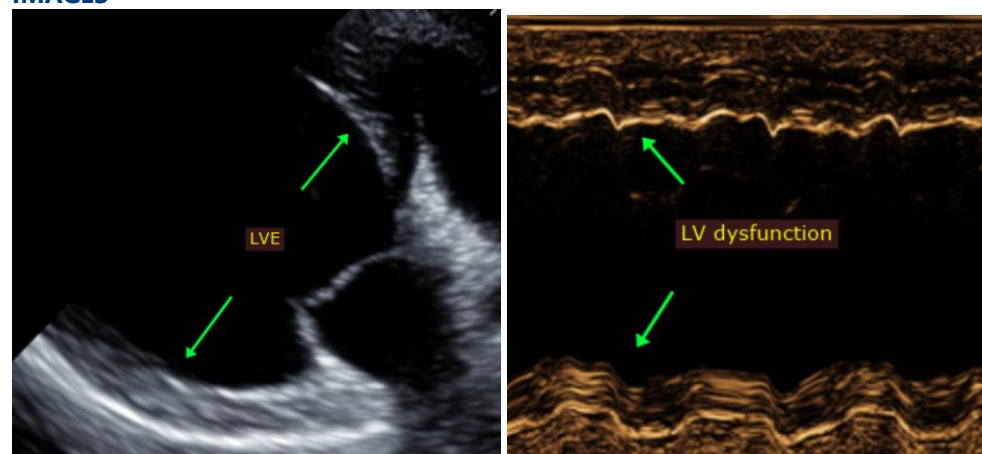
INTERPRETED BY

Maggie Machen
 Lamy, DVM
 DACVIM (Cardiology)

IMAGES

IMAGING PERFORMED BY

Pamela Harrigan,
 RDCS



HOSPITAL NAME

Foster Veterinary
 Clinic

REFERRING VET

Dr. Hattan

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.

INVOICE

20699

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.

DATE

8/23/21



PATIENT

Minnie Whitehead

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

SPECIES

Canine

BREED

P:itbull

SEX

Female Spayed

AGE

5 years

WEIGHT

54.9lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDCS

HOSPITAL NAME

Foster Veterinary
Clinic

REFERRING VET

Dr. Hattan

INVOICE

20699

DATE

8/23/21