



PATIENT

Babe Ruth Corcoran

SPECIES

Canine

BREED

Shih Tzu

SEX

Male Neutered

AGE

10 years

WEIGHT

18.8lbs

PRESENTING CLINICAL SIGNS

History: Recheck echo. History chronic degenerative valvular disease- Stage 1. Currently clinically stable; echo prior to dental procedure. Sedated with torb/alfaxalone.

-Pertinent previous echo findings: (2/18/21 MML): LA 1.9cm; LA:Ao 1.3; LV 2.75 cm; mild LAE; mild MR.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: Borderline LV dilation with adequate myocardial function. LV wall thicknesses are normal.

Left atrium: The left atrium is moderately dilated.

Mitral valve: The mitral valve is diffusely thickened with minimal prolapse into the left atrial lumen. Moderate eccentric mitral regurgitation. Normal velocity.

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

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.

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 130bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.4
LA diam (cm)	2.5
LA:Ao (Swe)	1.75
IVS thickness (cm)	0.73
LVID diastole (cm)	3.0
PW thickness (cm)	0.78
LVID systole (cm)	1.7
FS (%)	55

Doppler Measurements

PV Vmax (m/s)	0.82
AoV Vmax (m/s)	1.3
MR Vmax (m/s)	5.8
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

INTERPRETATION OF THE FINDINGS

Chronic degenerative valve disease persists with evidence of progression. Previously mild disease has advanced to moderate with increases in both the LA and LV dimensions. No additional issues are identified.

HOSPITAL NAME

Norfolk County
Veterinary Service

REFERRING VET

Dr. McCabe

Given progressive changes, recommend Pimobendan at this time as below. A baseline blood pressure is recommended every 6 months. Continued assessment of progression in the future will help predict long term outcome, however prognosis is guarded at this stage (B2).

INVOICE

21549

RECOMMENDATIONS

- Institute heart muscle support Pimobendan 0.3mg/kg PO q12h.
- Baseline blood pressure recommended every 6 months.

DATE

10/15/21



PATIENT

Babe Ruth Corcoran

SPECIES

Canine

BREED

Shih Tzu

SEX

Male Neutered

AGE

10 years

WEIGHT

18.8lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Norfolk County
Veterinary Service

REFERRING VET

Dr. McCabe

INVOICE

21549

DATE

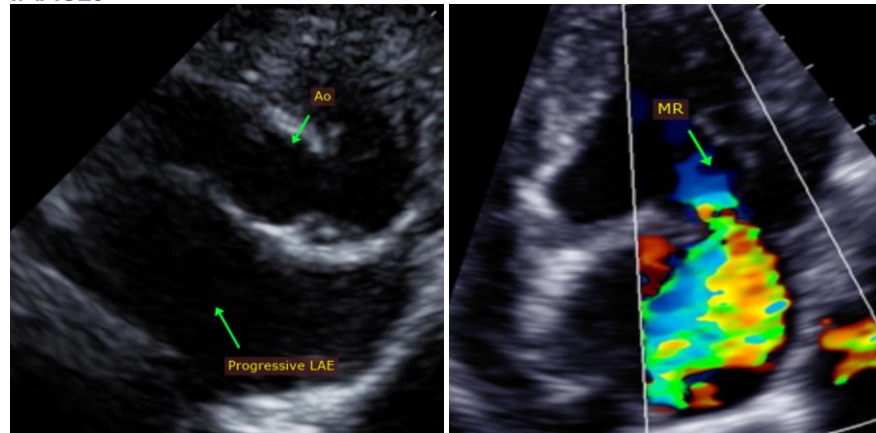
10/15/21

- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- Once on Pimobendan for 3-5 days, anesthetic risk is considered mild if needed. Cardiac protective drug choices (opioid/benzodiazepine premedication, propofol or alfaxalone induction, isoflurane gas) are recommended. Pre-oxygenate for 5-10 minutes prior to induction. Monitor for arrhythmias, hypotension, and hypoxia both intra and post-operatively and intervene as necessary. Mild IV fluid restriction is recommended to avoid fluid overload. Avoid heart rate stimulating drugs such as atropine unless clinically indicated.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

PLAN

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

IMAGES



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. 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