

PATIENT

Bella Schuelke-Esquillin

SPECIES

Canine

BREED

Minature Dachshund

SEX

Female Spayed

AGE

13 years

WEIGHT

11.1lbs

PRESENTING CLINICAL SIGNS

History: Presenting for increased respiratory rate and effort as well as peripheral limb edema. Lethargic. Also is PU/PD (suspect Cushing's). No coughing, no history cardiac disease. Radiographs - cardiomegaly with suspect pulmonary edema. BW ALT 411, ALP 711, otherwise normal. Gave Lasix 0.28 ml IM last evening. BP today: 130mmHg x 5.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is decreased with adequate myocardial function. LV wall thicknesses are increased globally, most consistent with pseudohypertrophy.

Left atrium: The left atrium normal.

Mitral valve: The mitral valve is normal 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.

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 thickened with trace tricuspid regurgitation. Normal velocity.

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 120bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.5
LA diam (cm)	1.6
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.9
LVID diastole (cm)	2.3
PW thickness (cm)	1.0
LVID systole (cm)	0.7
FS (%)	68

Doppler Measurements

PV Vmax (m/s)	0.7
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	
TR Vmax (m/s)	2.2
TR PG (mmHg)	20

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Wood River Animal
Hospital

REFERRING VET

Dr. Schuelke

INVOICE

23690

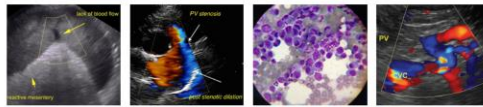
DATE

4/14/22

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac dimensions and function, with no obvious dysfunction or dilation of the left heart. A small tricuspid leak is noted, which is considered physiologic. The TR velocity is normal ruling out significant pulmonary hypertension. No significant valvular leaks are visualized, and the LA is normal. Finally, the LV is decreased in dimension with evidence of pseudohypertrophy, which is likely due to recent Lasix therapy.

Given these findings, CHF would be highly unlikely, and Lasix should be discontinued. Further investigation of possible respiratory issues is recommended as the most likely cause. Consider submit the chest radiographs for Radiologist review/ Oxygen support, broad-spectrum antibiotics, anti-inflammatory Prednisone, etc. may be beneficial. Consider fluid therapy if the patient appears clinically dehydrated.



PATIENT

Bella Schuelke-
 Esquillin

Prognosis is open from a cardiac standpoint.

SPECIES

Canine

RECOMMENDATIONS

- Discontinue cardiac medications/Lasix.
- Continued workup/treatment for respiratory signs as discussed.
- Consider fluid therapy if patient appears clinically dehydrated.
- Monitor for development of a murmur, cough, labored breathing, exercise intolerance or collapse episodes.

BREED

Minature Dachshund

PLAN

- A recheck echocardiogram is recommended should a murmur or clinical signs of cardiac disease develop in the future

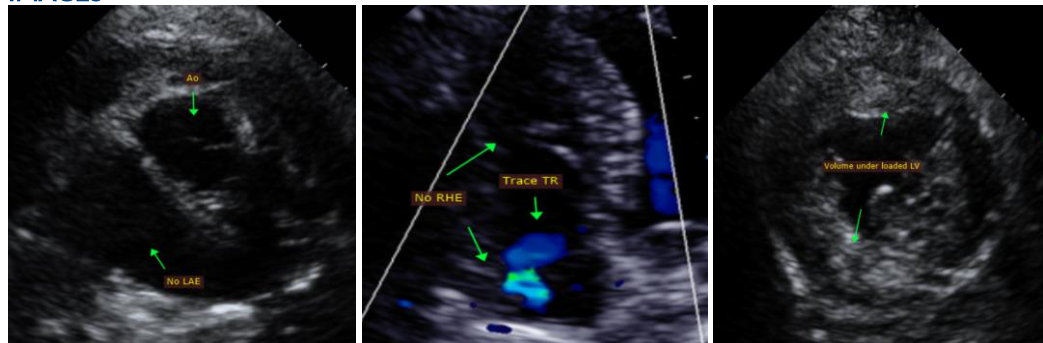
SEX

Female Spayed

IMAGES

AGE

13 years



WEIGHT

11.1lbs

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

Wood River Animal
 Hospital

REFERRING VET

Dr. Schuelke

INVOICE

23690

DATE

4/14/22