



PATIENT

Jack Tripp

SPECIES

Canine

BREED

Dachshund

SEX

Male Neutered

AGE

12 years

WEIGHT

9.54lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Cole England, DVM

HOSPITAL NAME

Blue Cross Animal
Clinic

REFERRING VET

Dr. Wheeler

INVOICE

45829

DATE

11/19/25

PRESENTING CLINICAL SIGNS

History: History of IVDD and murmur but had recent episode of "collapse". Was seen at ER where suspected crackles and coughing were appreciated. Not on any current meds and no further collapse episodes appreciated. CXR report was normal.

-Abnormal PE/Chem/CBC/UA Results: Grade 3/6 murmur. Hyperphosphatemia (8.1), elevated BUN (41), all else WNL.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Mild mitral valve leaflet thickening with no obvious prolapse into the left atrial lumen. No mitral regurgitation is identified. Decreased left atrial dimension. The LV chamber is decreased with adequate myocardial function. Increased LV wall thickness. The tricuspid valve appears subjectively normal. No TR. The right heart is normal. No overt evidence of pulmonary arterial hypertension. The pulmonic and aortic valves are normal in morphology and mobility. No aortic abnormalities identified, with normal outflow velocity. Normal pulmonic outflow velocities. No aortic insufficiency. Trace pulmonic insufficiency. No pericardial or pleural effusion noted. No cardiac tumors observed.

CARDIAC CHART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	NA	NA	1.0	1.2	60	90	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	NM	1.0	0.6	4.3	1.9	1.5	0.6
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
BODY WEIGHT DEPENDENT PARAMETERS				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
*Note: All measurements based upon multi-modal images and methods. An average value is reported.				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
Adapted from June Boon, Veterinary Echocardiography, 1998				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
Rishniw M and Hollis NE, J Vet Intern Med 2000; 14:429-435				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
Hansson et al, Vet Rad and Ultrasound 2002				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
Bonagura et al. Echocardiography: principles of interpretation, Vet Clin North Am 15:1177, 1995				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The only abnormality identified is the general cardiac appearance is volume contracted. This may be reflective of a reportedly elevated BUN; however, reassessing lab work should be considered. Certainly, no structural disease or chamber dilation is noted, and no significant valve leaks are appreciated. The murmur is suspected to also reflect volume changes, as no cause for the finding is seen here.

No cardiac cause is identified for the reported collapse episode. Further workup is advised.



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No cardiac medications are indicated at this time. Prognosis is open. Monitor for any development of cough, labored breathing or exercise intolerance.

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No cardiac contraindication for general anesthesia.

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Dachshund

Recommend recheck echocardiogram in 12-18 months to reassess murmur origin and screen for development of concurrent cardiac disease that the preexisting murmur may mask.

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Male Neutered

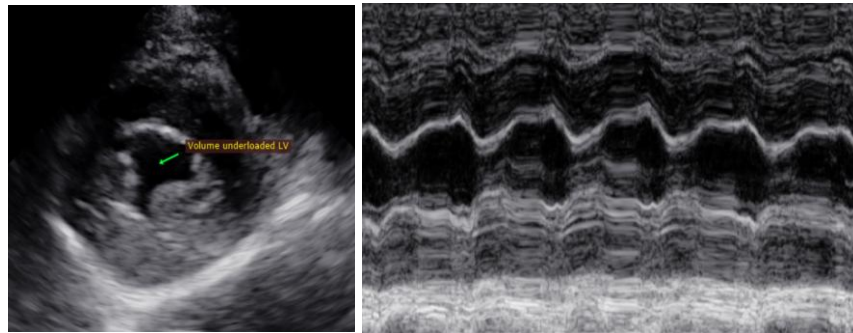
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IMAGES



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.

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

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.

IMAGING PERFORMED BY

Cole England, DVM

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