Supplementary Table 2. Summary of studies using preoperative echocardiographic variables to predict Right Ventricular Failure following Left Ventricular Assist Device Implantation

Authors	Title	Year	Cohort	Predictive variables
Potapov et al.[24]	Tricuspid incompetence and geometry of the right ventricle as predictors of right ventricular function after implantation of a left ventricular assist device.	2008	N=54	Tricuspid incompetence and RV geometry
Topilsky et al.[30]	Echocardiographic predictors of adverse outcomes after continuous left ventricular assist device implantation.	2011	N=83	Small left ventricular end diastolic diameter (LVEDD <63 mm) Early systolic equalization of RV and right atrial pressure demonstrated as decreased time interval between onset and cessation of tricuspid regurgitation flow corrected for heart rate (TRDc).
Kukucka et al.[17]	Right-to-left ventricular end-diastolic diameter ratio and prediction of right ventricular failure with continuous-flow left ventricular assist devices.	2011	N=135	RV/LV end-diastolic diameter ratio > 0.72
Vivo et al.[49]	Increased right-to-left ventricle diameter ratio is a strong predictor of right ventricular failure after left ventricular assist device.	2013	N=109	RV/LV diameter ratio ≥ 0.75