Supplementary Appendix Table 1: LVAD Explantation Criteria for Cardiac Recovery

Structure, Function and Hemodynamics

- **Echocardiogram (Minimal LVAD support)**
  - LVEDd < 60mm
  - LVESd < 50mm
  - LVEF > 45%

- **Right heart catheterization (Minimal LVAD support)**
  - PCWP < 15 mm Hg
  - CI > 2.4 L/min/m²

- **Cardiopulmonary exercise test (Minimal LVAD Support and Peak Exercise)**
  - VO₂ Max > 16 ml/kg/min
  - VE/VCO₂ < 40

*CI: Cardiac Index, LVEDd: Left ventricular end diastolic diameter, LVEF: left ventricular ejection fraction, LVESd: left ventricular end systolic diameter, PCWP: Pulmonary capillary wedge pressure, LVAD: left ventricular assist device*

References for Supplementary Appendix Table 1:


Supplementary Appendix Table 2: Additional Key References Pertinent to the Field of Myocardial Recovery with Mechanical Circulatory Support

Engineering

Biology

Physiology

Role of Pulsatility

Mechanical Circulatory Support Outcomes