

Candidate for lvad: The art of patient selection

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Abstract

Despite great efforts, end-stage heart failure (HF) remains a leading cause of morbidity and mortality. However, treatment of advanced heart failure refractory to medical therapy is essentially limited to heart transplantation and LVAD. With significantly limited donor heart availability, many patients die while waiting. Recent advances in technology and out-comes with VADS have markedly changed the approach to advanced heart failure management. We reported 3 cases with non-ischemic cardiomyopathy with chronic heart failure symptoms, recovered their LV systolic function after LVAD heart mate-II implantation and LV recovered to have LVAD explanted. In conclusion, improvement in clinical and surgical expertise in LVAD has improved the quality of life in well selected patient with advanced (HF) with bridge-to-recovery, LVAD has shown promising results of improved functional capacity, quality of life and survival, however, successful LVAD in advanced (HF) is crucially dependent on proper patient selection.

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