

Clinical trials of percutaneous left ventricular assist devices for heart failure in all type of patients

TrialResults-center www.trialresultscenter.org

1 ventricular assist device

Trial	Treatments	Patients	Trials design and methods
pulsatile-flow vs medical treatment			
REMATCH , 2001 n=68/61 follow-up: >1 y	left ventricular assist device versus optimal medical management	patients with end-stage heart failure who were ineligible for cardiac transplantation	Parallel groups open
continuous-flow HeartMate II vs pulsatile-flow HeartMate XVE			
HeartMate II , 2009 [NCT00121485] n=134/66 follow-up: 2 y	continuous-flow HeartMate II ventricular assist device versus pulsatile-flow HeartMate XVE ventricular assist device	patients with advanced heart failure not eligible for heart transplantation	Parallel groups open

References

REMATCH, 2001:

Rose EA, Gelijns AC, Moskowitz AJ, Heitjan DF, Stevenson LW, Dembitsky W, Long JW, Ascheim DD, Tierney AR, Levitan RG, Watson JT, Meier P, Ronan NS, Shapiro PA, Lazar RM, Miller LW, Gupta L, Frazier OH, Desvigne-Nickens P, Oz MC, Poirier VL Long-term mechanical left ventricular assistance for end-stage heart failure. N Engl J Med 2001;345:1435-43 [[11794191](#)]

HeartMate II, 2009:

Slaughter MS, Rogers JG, Milano CA, Russell SD, Conte JV, Feldman D, Sun B, Tatroles AJ, Delgado RM 3rd, Long JW, Wozniak TC, Ghumman W, Farrar DJ, Frazier OH Advanced heart failure treated with continuous-flow left ventricular assist device. N Engl J Med 2009 Dec 3;361:2241-51 [[19920051](#)]

2 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

TrialResults-center is non-profit and self-funded.