

Clinical trials of transcatheter aortic valve implantation

TrialResults-center www.trialresultscenter.org

1 aortic stenosis

Trial	Treatments	Patients	Trials design and methods
transcatheter aortic valve implantation vs standard therapy			
PARTNER , 2010 [NCT00530894] n=179/179 follow-up: 1.6 y (at least1 year)	transcatheter aortic-valve implantation (TAVI)with Edwards SAPIEN Transcatheter Heart Valve versus standard therapy	patients with severe aortic stenosis considered not to be suitable candidates for surgery	Parallel groups open USA
transcatheter aortic valve implantation vs surgical valve replacement			
PARTNER cohort A , 2011 [NCT00530894] n=699 follow-up:	percutaneous valve implantation (Sapien device) versus surgical valve replacement	high risk, symptomatic patients with severe aortic stenosis	Parallel groups US, Canada, Germany
CoreValve US pivotal trial ongoing [NCT01240902] n=395/395 follow-up:	percutaneous valve implantation (Surgical Valve Replacement) versus conventional aortic-valve surgery	High Risk and Very High Risk Subjects Who Need Aortic Valve Replacement	

More details and results :

- transcatheter aortic-valve implantation (TAVI) for aortic stenosis in all type of patients at <http://www.trialresultscenter.org/go-Q482>

References

PARTNER, 2010:

Leon MB, Smith CR, Mack M, Miller DC, Moses JW, Svensson LG, Tuzcu EM, Webb JG, Fontana GP, Makkar RR, Brown DL, Block PC, Guyton RA, Pichard AD, Bavaria JE, Herrmann HC, Douglas PS, Petersen JL, Akin JJ, Anderson WN, Wang D, Pocock S Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. N Engl J Med 2010 Oct 21;363:1597-607 [20961243] [10.1056/NEJMoa1008232](https://doi.org/10.1056/NEJMoa1008232)

PARTNER cohort A, 2011:

Feldman T, Foster E, Glower DG, Kar S, Rinaldi MJ, Fail PS, Smalling RW, Siegel R, Rose GA, Engeron E, Loghin C, Trento A, Skipper ER, Fudge T, Letsou GV, Massaro JM, Mauri L Percutaneous Repair or Surgery for Mitral Regurgitation. N Engl J Med 2011 Apr 4;: [21463154] [10.1056/NEJMoa1009355](https://doi.org/10.1056/NEJMoa1009355)

CoreValve US pivotal trial, :

ongoing trial NCT01240902

Adams DH, Popma JJ, Reardon MJ, Yakubov SJ, Coselli JS, Deeb GM, Gleason TG, Buchbinder M, Hermiller J Jr, Kleiman NS, Chetcuti S, Heiser J, Merhi W, Zorn G, Tadros P, Robinson N, Petrossian G, Hughes GC, Harrison JK, Conte J, Maini B, Mumtaz M, Chenoweth Transcatheter Aortic-Valve Replacement with a Self-Expanding Prosthesis. N Engl J Med 2014 Mar 29;: [\[24678937\]](#) [10.1056/NEJMoa1400590](#)

Entry terms: TAVI, transcatheter aortic valve implantation,