

# Clinical trials of transcatheter aortic-valve implantation (TAVI) for aortic stenosis in all type of patients

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## 1 transcatheter aortic-valve implantation (TAVI)

Trial	Treatments	Patients	Trials design and methods
<b>transcatheter aortic valve implantation vs standard therapy</b>			
<b>PARTNER , 2010</b> [NCT00530894] n=179/179 follow-up: 1.6 y (at least 1 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
<b>transcatheter aortic valve implantation vs surgical valve replacement</b>			
<b>PARTNER cohort A , 2011</b> [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
<b>CoreValve US pivotal trial ongoing</b> [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	

## 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, :**

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](https://doi.org/10.1056/NEJMoa1400590)

## 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.