

Clinical trials of radial graft for CABG surgery in all type of patients

TrialResults-center www.trialresultscenter.org

1 artery grafts

Trial	Treatments	Patients	Trials design and methods
artery grafts vs saphenous vein grafts			
CARRPO , 2009 [NCT00159991] n=161/170 follow-up: 11.1 months	total arterial revascularization using internal thoracic and radial arteries versus conventional revascularization using left internal thoracic artery and vein grafts	patients with multivessel or isolated left main disease referred for elective or urgent CABG	Parallel groups open
RAS ongoing [NCT00475488] n=NA follow-up:	right internal thoracic artery or radial artery graft as second graft versus saphenous vein graft as second graft.	-	Parallel groups
radial artery grafts vs saphenous vein grafts			
RAPS (Desai) , 2004 [NCT00187356] n=440/440 follow-up: 12 months	group 1 versus group 2	patients undergoing bypass of the anterior circulation	Cross over open Canada, New Zealand
RSVP , 2008 [NCT00139399] n=82/60 follow-up: 5 ans	radial artery grafted to a stenosed branch of the native left circumflex coronary artery versus saphenous vein grafted to a stenosed branch of the native left circumflex coronary artery	patient undergoing CABG for a stenosed branch of the native left circumflex coronary artery	Parallel groups open England
Gaudino (radial A) , 2005 n=40/40 follow-up: 52 months	radial artery on the first obtuse marginal artery versus great saphenous vein graft on the first obtuse marginal artery	coronary artery bypass patients with previous in-stent restenosis (n=60) or not (n=60)	Parallel groups open Italy
VA CABG , 2010 [NCT00054847] n=366/367 follow-up: 1 year (5y)	radial artery graft versus saphenous vein graft	patients with stable coronary artery disease	Parallel groups open USA
right internal thoracic artery grafts vs saphenous vein grafts			
Gaudino (RITA) , 2005 n=40/40 follow-up: 52 months	right internal thoracic artery on the first obtuse marginal artery versus great saphenous vein graft on the first obtuse marginal artery	coronary artery bypass patients with previous in-stent restenosis (n=60) or not (n=60)	Parallel groups open Italy

References

CARRPO, 2009:

Damgaard S, Wetterslev J, Lund JT, Liller NB, Perko MJ, Kelbaek H, Madsen JK, Steinbrchel DA One-year results of total arterial revascularization vs. conventional coronary surgery: CARRPO trial. *Eur Heart J* 2009;30:1005-11 [[19270315](#)]

RAS, :

RAPS (Desai), 2004:

Desai ND, Naylor CD, Kiss A, Cohen EA, Feder-Elituv R, Miwa S, Radhakrishnan S, Dubbin J, Schwartz L, Femes SE Impact of patient and target-vessel characteristics on arterial and venous bypass graft patency: insight from a randomized trial. *Circulation* 2007;115:684-91 [[17283268](#)]

Singh SK, Desai ND, Petroff SD, Deb S, Cohen EA, Radhakrishnan S, Schwartz L, Dubbin J, Femes SE The impact of diabetic status on coronary artery bypass graft patency: insights from the radial artery patency study. *Circulation* 2008;118:S222-5 [[18824758](#)]

Desai ND, Cohen EA, Naylor CD, Femes SE A randomized comparison of radial-artery and saphenous-vein coronary bypass grafts. *N Engl J Med* 2004;351:2302-9 [[15564545](#)]
[10.1056/NEJMoa040982](#)

RSVP, 2008:

Collins P, Webb CM, Chong CF, Moat NE Radial artery versus saphenous vein patency randomized trial: five-year angiographic follow-up. *Circulation* 2008;117:2859-64 [[18506009](#)]

Gaudino (radial A), 2005:

Gaudino M, Cellini C, Pragliola C, Trani C, Burzotta F, Schiavoni G, Nasso G, Possati G Arterial versus venous bypass grafts in patients with in-stent restenosis. *Circulation* 2005;112:I265-9 [[16159829](#)]

VA CABG, 2010:

Goldman S, Sethi GK, Holman W, Thai H, McFalls E, Ward HB, Kelly RF, Rhenman B, Tobler GH, Bakaeen FG, Huh J, Soltero E, Moursi M, Haime M, Crittenden M, Kasirajan V, Ratliff M, Pett S, Irimpen A, Gunnar W, Thomas D, Femes S, Moritz T, Reda D, Harrison L Radial artery grafts vs saphenous vein grafts in coronary artery bypass surgery: a randomized trial. *JAMA* 2011 Jan 12;305:167-74 [[21224458](#)] [10.1001/jama.2010.1976](#)

Gaudino (RITA), 2005:

Gaudino M, Cellini C, Pragliola C, Trani C, Burzotta F, Schiavoni G, Nasso G, Possati G Arterial versus venous bypass grafts in patients with in-stent restenosis. *Circulation* 2005;112:I265-9 [[16159829](#)]

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.