

Clinical trials of myocardial revascularization for coronary artery disease in multivessel disease

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1 PCI

Trial	Treatments	Patients	Trials design and methods
balloon angioplasty vs CABG			
EAST , 1994 [NCT00000465] n=198/194 follow-up: 3 y	transluminal coronary angioplasty versus coronary-artery bypass grafting	patients with multivessels coronary artery disease	open USA
GABI , 1994 n=182/177 follow-up: 1 y	Percutaneous transluminal coronary angioplasty versus coronary-artery bypass grafting	patients with symptomatic multivessel coronary disease	open Germany
BARI , 1996 [NCT00000462] n=915/914 follow-up: 5.4 y	PTCA versus CABG	Patients with multivessel disease	open USA, Canada
RITA , 1993 n=510/501 follow-up: 2.5 y (6.5y)	percutaneous transluminal coronary angioplasty versus coronary artery bypass surgery	patients with one, two, or three diseased coronary arteries	open UK
ERACI , 1992 n=63/64 follow-up: 3.8 y	Percutaneous transluminal coronary angioplasty versus coronary artery bypass grafting	patients with multivessel disease and lesions suitable for either form of therapy	open Argentina
Toulouse , 1992 n=76/76 follow-up: 2.8 y	PTCA versus CABG	patients with multivessels coronary artery disease	open France
CABRI , 1995 n=541/513 follow-up: 1 y	percutaneous transluminal coronary angioplasty versus coronary artery bypass grafting	patients with symptomatic multivessel coronary disease	open Europe
PCI vs CABG			
AWESOME , 2001 n=222/232 follow-up: 5 years	percutaneous coronary intervention versus coronary artery bypass graft	high-risk patients with medically refractory ischemia	Parallel groups open US (Veterans Affairs Medical Centers)
PCI with drug-eluting stents vs CABG			

continued...

Trial	Treatments	Patients	Trials design and methods
FREEDOM , 2012 [NCT00086450] n=953/947 follow-up: 3.8 yrs (median)	percutaneous coronary stenting versus CABG	patients with diabetes and multivessel coronary artery disease	Parallel groups open international
stent vs CABG			
ARTS , 2001 n=600/605 follow-up: 1 year	Palmaz-Schatz Crown/Cross flex (Cordis) versus Conventional CABG	Multi vessel disease with 2 or more de novo lesion in different major arteries Total occlusion <1month	parallel group open International
CARDia (PCI) , 2008 [ISRCTN19872154] n=256/254 follow-up: 1 y	PCI plus stenting (and routine abciximab) versus CABG	Patients with diabetes and symptomatic multivessel coronary artery disease or complex single-vessel disease.	Parallel groups open UK, Ireland
ERACI II , 2003 n=225/225 follow-up: 30d, 1year	Gianturco Robin II (Cook) Primary device versus Conventional CABG	multi vessel disease Angina CSS III-IV; no angina but large area of heart at risk; unstable =1 vessel to be treated Lesion>3.0mm	parallel group open Argentinad
MASS II , 2007 n=205/203 follow-up: 5y (1y)	PCI (73% stent) versus CABG	patients with multivessel coronary artery disease with stable angina and preserved ventricular function	Parallel groups open South America
Myoprotect , 2004 n=23/21 follow-up: 1 year	percutaneous transluminal coronary angioplasty/stent versus CABG	patients with symptomatic main-stem and main-stem-equivalent lesions with substantially increased risk for bypass surgery	Parallel groups open Europe
SOS , 2002 [NCT00475449] n=488/500 follow-up: 3 years	Stent versus CABG	multiple vessel disease Symptomatic 1 or more vessel suitable for stenting	parallel group open Canada, United Kingdom, Europe
stent vs OPCAB			
OCTOSTENT , 2003 [NCT00975858] n=138/142 follow-up: 1 year	Stent type not reported versus off-pump coronary artery bypass	multi or single vessel disease Moderate LV function CABG or stenting to be considered feasible	Parallel groups open Europe

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2 About TrialResults-center.org

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