Clinical trials of sirolimus eluting stent

TrialResults-center www.trialresultscenter.org

0.1 acute myocardial infarction

Trial	Treatments	Patients	Trials design and methods
sirolimus eluting stent vs bare-metal stent			
DEBATER (SES vs BMS) , 2009 n=424/446 follow-up: 1 y	sirolimus-eluting stents versus bare-metal stents	patients undergoing PCI for STEMI withon 12 hours	Factorial plan
Daz de la Llera , 2007 n=60/54 follow-up: 1y	sirolimus-eluting stents versus uncoated stents	primary percutaneous coronary intervention for acute myocardial infarction with ST-segment elevation	Parallel groups open Spain
MISSION , 2008 [ISRCTN62825862] n=158/152 follow-up: 12 months	Cypher versus Vision	primary percutaneous coronary intervention for ST-segment elevation myocardial infarction (<9h)	Parallel groups single-blind the Netherlands
SESAMI , 2007 [NCT00288210] n=160/160 follow-up: 12 months	Cypher versus BX stent, Cordis	AMI	Parallel groups open Italy
TYPHOON , 2006 [NCT00232830] n=356/359 follow-up: 12 months	Cypher or CypherSelect versus any commerciallyavailable uncoated stent	AMI	Parallel groups open Worldwide (15 countries)
sirolimus eluting stent vs paclitaxel eluting stent			
Di Lorenzo et al. , 2005 *unpublished* n=90/90 follow-up:	sirolimus versus paclitaxel	ST-segment elevation myocardial infarction	Parallel groups open
Juwana , 2009 [ISRCTN90526229] n=196/201 follow-up: 9 months (12 months)	sirolimus coated Cypher stent versus paclitaxel coated Taxus stent	patients with STEMI undergoing primary PCI	Parallel groups open The Netherlands

continued...

Trial	Treatments	Patients	Trials design and methods
PROSIT , 2006 n=154/154 follow-up: 1 year	SES Cordis versus PES Boston Scientific	AMI or persistent ischaemia 12-24h	Parallel groups open Korea

More details and results :

- myocardial revascularization for acute myocardial infarction in all type of patients at http://www.trialresultscenter.org/godirect.asp?q=129
- PCI for acute myocardial infarction in all type of patients at http://www.trialresultscenter.org/godirect.asp?q=246

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0.2 stable angina

Trial	Treatments	Patients	Trials design and methods
sirolimus eluting stent vs bare-metal stent			
C-SIRIUS , 2004 [NCT00381420] n=50/50 follow-up: 9 months	coated Bx-VELOCITY versus Bx-VELOCITY	Stable or unstable AP, silent ischaemia	Parallel groups double-blind Canada
DECODE , 2005 *unpublished* [NCT00489164] n=54/29 follow-up: 1 year	CYPHER (Up to 3 stents per patient were allowed) versus Bx VELOCITY (Up to 3 stents per patient were allowed)	Stable or unstable angina in diabetic patients with with up to 2 de novo lesions in up to 2 native coronary vessels	Parallel groups open US, Asia/Pacific
DESSERT , 2008 n=75/75 follow-up: 12 months	Cypher andCypher Select versus Sonic (Cordis)	de novo lesions of diabetic patients treated with insulin and/or oral antidiabetics for >3 months	Parallel groups single-blind Italy
DIABETES , 2005 n=80/80 follow-up: 9 months	Cypher versus Bx Velocity/Sonic	de novo lesions in native coronary arteriesin 1, 2, or 3 native vessels with symptoms or objective evidence of ischemia; vessel size smaller than 4.0 mm	Parallel groups open Spanish
E-SIRIUS , 2003 [NCT00235144] n=175/177 follow-up: 9 months	coated Bx Velocity versus Bx Velocity	Stable or unstable AP, silent ischaemia; single-vessel or multivessel coronary disease but with only one new lesion with an estimated stenosis of more than 50% but less than 100% in a major native coronary artery requiring treatment	Parallel groups open Europe

continued...

Trial	Treatments	Patients	Trials design and methods
GISSOC II , 2010 [NCT00220558] n=78/74 follow-up: 8 months	Sirolimus Eluting Stent versus Bare Metal Stent	patients with Chronic Total Occlusion older than 1 month, and successful recanalization	Parallel groups open Italy
Kochiadakis , 2007 n=38/43 follow-up: 4.8 months (mean)	sirolimus-eluting stents versus bare metal stent	one-vesseldisease (>70% narrowing of the lumen of one major epicardialcoronary artery); stable coronary artery disease, age <70 years, and vessel referencediameter >=2.5 mm	Parallel groups open Greece
Ortolani et al , 2007 n=NA follow-up: 9 months	Cypher versus Vision	symptomatic coronary artery disease and target vessel diameter appropriate for implantation a 3-mm stent	Parallel groups single-blind
Pache et al , 2005 n=250/250 follow-up: 12 months	Cypher versus BeStent 2	with symptomatic coronary artery disease and significant angiographic stenosis in native coronary vessels	Parallel groups open Germany
Pasceri , 2003 *unpublished* n=NA follow-up: 12 months	-	-	Parallel groups
PRISON II , 2006 [NCT00258596] n=100/100 follow-up: 6 months	Cypher versus BxVelocity	Chronic total occlusion, positive exercise stress test	Parallel groups single-blind Belgium
RAVEL , 2002 [NCT00233805] n=120/118 follow-up: 12 months	coated Bx Velocity versus Bx Velocity	Stable or unstable AP, silent ischaemia; single primary target lesion in a native coronary artery	Parallel groups double-blind Global
SCANDSTENT , 2006 [NCT00151658] n=163/159 follow-up: 7 months	Cypher versus Sonic	Stable or unstable AP, recent AMI (non ST-elevation); with one or more de novo complex lesions in native coronary vessels (occluded, bifurcational, ostial or angulated)	Parallel groups open Denmark
SCORPIUS , 2007 [NCT00495898] n=98/102 follow-up: 12 months	Cypher versus Bx-Velocity	patients with diabetes and de novo coronary artery lesions	Parallel groups open Germany
SES-SMART , 2004 n=129/128 follow-up: 8 months	Cypher versus Bx Sonic	Stable AP, ACS, silent myocardial ischaemia as shown by exercise stress test	Parallel groups single-blind Italian

continued...

Trial	Treatments	Patients	Trials design and methods
SIRIUS , 2003 [NCT00232765] n=533/525 follow-up: 9 months	SES versus Bx Velocity	Stable or unstable AP, signs of myocardial ischaemia	Parallel groups double-blind United States
sirolimus eluting stent vs cutting ballon angioplasty			
FOCUS *ongoing* [NCT00485004] n=NA follow-up:	sirolimus-eluting implantation cypher versus cutting balloon angioplasty	focal in-stent restenosis after drug-eluting stent	
sirolimus eluting stent vs paclitaxel eluting stent			
BASKET (vs paclitaxel) , 2005 n=264/281 follow-up: 6 months	Cypher versus Taxus	Unselected patients; de-novo lesions	Parallel groups open Switzerland,
Cervinka , 2006 n=37/33 follow-up: 6 months	sirolimus-eluting stent versus paclitaxel-eluting stent	Complex lesionsand patients. Signs and/or symptoms myocardial ischaemia, including AMI	Parallel groups open
CORPAL , 2005 *unpublished* n=331/321 follow-up:	sirolimus versus paclitaxel	Documented myocardial ischaemia, no AMI	Parallel groups open Spain
Di Lorenzo et al. , 2005 *unpublished* n=90/90 follow-up:	sirolimus versus paclitaxel	ST-segment elevation myocardial infarction	Parallel groups open
Han , 2006 n=210/206 follow-up: 19.5 months (mean)	Cypher versus Taxus	Multivessel disease. Stable or unstable AP, no AMI	Parallel groups open China
ISAR-DESIRE (SES vs PES) , 2005 n=100/100 follow-up: 1y	Cypher versus Taxus	In-stent restenosis. AP and/or positive test, previously stented, no AMI	Parallel groups open germany
ISAR-DIABETES , 2005 n=125/125 follow-up: 9 months	Taxus versus Cypher	Diabetic patients. AP or positive stress, no AMI with clinically significant angiographic stenosis in a native coronary vessel	Parallel groups open Germany

continued...

Trial	Treatments	Patients	Trials design and methods
ISAR-LEFT-MAIN , 2009 [NCT00133237] n=302/305 follow-up: 1 year	Paclitaxel-eluting stent versus Sirolimus-eluting stent	Unprotected Left Main Coronary Artery Disease	Parallel groups open
ISAR-SMART 3 , 2006 [NCT00146575] n=180/180 follow-up:	Taxus versus Cypher	Small vessels, de novo lesions in native coronary vessels with a diameter of <2.80 mm nondiabetic patients. AP or positive stress, no AMI	Parallel groups NA Germany
ISAR-TEST-1 , 2006 [NCT00140530] n=225/225 follow-up: 9 months	rapamycin-eluting stent Yukon versus Taxus	stable or unstable anginaor a positive stress test, stable or unstable anginaor a positive stress test	Parallel groups open Germany
Kim , 2008 n=85/84 follow-up: 6 months	Cypher versus Taxus	Korean diabetic patients with high-grade de novo coronary lesions (stenosis of>70 percent of the luminal diameter) requiring <3 stents	Parallel groups open Korea
LONG DES II , 2006 n=250/250 follow-up: 9 months	SES versus PES	Long lesions. AP or positive stress, no AMI	Parallel groups single-blind Korea
Petronio et al , 2007 n=50/50 follow-up: 9 months	Cypher versus Taxus	Complex lesions. Stable AP or documented ischaemia, no AMI	Parallel groups open Italy
REALITY , 2006 [NCT00235092] n=701/685 follow-up: 12 months	Cypher versus Taxus	Relatively unselected patients. Stable or unstable documented silent ischaemia, no AMI with 1 or 2 de novo lesions (2.25-3.00 mm in diameter) in native coronary arteries	Parallel groups open Europe, Latin America, and Asiam
SIRTAX (Windecker) , 2005 n=503/509 follow-up: 9 mo (5y)	sirolimus-eluting stents (Cypher) versus paclitaxel-eluting stents (Taxus)	Unselected patients. Stable AP, ACS, including AMI. at least one lesion with stenosis of at least 50 percent in a vessel with a reference diameter between 2.25 and 4.00 mm that was suitable for stent implantation	Parallel groups single-blind Switzerland
TAXi , 2005 n=102/100 follow-up: 6 months	Cypher versus Taxus	Unselected patients	Parallel groups open Switzerland.

continued...

Trial	Treatments	Patients	Trials design and methods
Tomai , 2008 n=60/60 follow-up: 8 months	sirolimus-eluting stent versus paclitaxel-eluting stent	diabetic patient with multiple de novo coronary artery lesions	Cross over NA Italy
Zhang (SES vs PES) , 2006 n=246/203 follow-up: 1y	Cypher versus Taxus	Unselected patients. Stable or unstable AP, ACS with de novo coronary lesions	Parallel groups open China
DES-ISR *ongoing* [NCT00485030] n=NA follow-up:	Cypher versus Taxus	patients Diffuse Type In-Stent Restenosis After Drug-Eluting Stents Implantation	
Lipsia-Yukon-DM *ongoing* [NCT00368953] n=NA follow-up: 9 months	Yukon Choice stent system versus Taxus Libert stent system	Patients With Diabetes Mellitus	
sirolimus eluting stent vs CABG			
MIDCAB Versus DES in Proximal LAD Lesions *ongoing* [NCT00299429] n=NA follow-up:	sirolimus-coated stent versus minimally invasive bypass surgery	patients with isolated proximal left anterior descending coronary arteries	

More details and results :

- myocardial revascularization for stable angina in all type of patient at http://www.trialresultscenter.org/godirect.asp?q=25
- myocardial revascularization for stable angina in diabetic patients at http://www.trialresultscenter.org/godirect.asp?q=29

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MIDCAB Versus DES in Proximal LAD Lesions, 0:

ongoing trial NCT00299429

0.3 coronary artery disease

Trial	Treatments	Patients	Trials design and methods
sirolimus eluting stent vs balloon angioplasty			

continued...

Trial	Treatments	Patients	Trials design and methods
ISAR-DESIRE (SES vs PTCA) , 2005 n=100/100 follow-up: 1y	Cypher versus ballon angioplasty	In-stent restenosis. AP and/or positive test, previously stented, no AMI	Parallel groups open germany
RIBS-II , 2008 n=76/74 follow-up: >1 year	sirolimus-eluting stents versus Balloon angioplasty	patients with bare metal in-stent restenosis	Parallel groups open Spanish
sirolimus eluting stent vs bare-metal stent			
BASKET-PROVE (SES) , 2010 [ISRCTN72444640] n=775/765 follow-up: 2 years	first-generation sirolimus-eluting stent versus BMS	patients needing stents 3.0 mm or larger	Parallel groups open Switzerland, Denmark, Austria, Italy
C-SIRIUS , 2004 [NCT00381420] n=50/50 follow-up: 9 months	coated Bx-VELOCITY versus Bx-VELOCITY	Stable or unstable AP, silent ischaemia	Parallel groups double-blind Canada
DEBATER (SES vs BMS) , 2009 n=424/446 follow-up: 1 y	sirolimus-eluting stents versus bare-metal stents	patients undergoing PCI for STEMI withon 12 hours	Factorial plan
DECODE , 2005 *unpublished* [NCT00489164] n=54/29 follow-up: 1 year	CYPHER (Up to 3 stents per patient were allowed) versus Bx VELOCITY (Up to 3 stents per patient were allowed)	Stable or unstable angina in diabetic patients with with up to 2 de novo lesions in up to 2 native coronary vessels	Parallel groups open US, Asia/Pacific
DESSERT , 2008 n=75/75 follow-up: 12 months	Cypher andCypher Select versus Sonic (Cordis)	de novo lesions of diabetic patients treated with insulin and/or oral antidiabetics for >3 months	Parallel groups single-blind Italy
DIABETES , 2005 n=80/80 follow-up: 9 months	Cypher versus Bx Velocity/Sonic	de novo lesions in native coronary arteriesin 1, 2, or 3 native vessels with symptoms or objective evidence of ischemia; vessel size smaller than 4.0 mm	Parallel groups open Spanish
Daz de la Llera , 2007 n=60/54 follow-up: 1y	sirolimus-eluting stents versus uncoated stents	primary percutaneous coronary intervention for acute myocardial infarction with ST-segment elevation	Parallel groups open Spain

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Trial	Treatments	Patients	Trials design and methods
E-SIRIUS , 2003 [NCT00235144] n=175/177 follow-up: 9 months	coated Bx Velocity versus Bx Velocity	Stable or unstable AP, silent ischaemia; single-vessel or multivessel coronary disease but with only one new lesion with an estimated stenosis of more than 50% but less than 100% in a major native coronary artery requiring treatment	Parallel groups open Europe
GISSOC II , 2010 [NCT00220558] n=78/74 follow-up: 8 months	Sirolimus Eluting Stent versus Bare Metal Stent	patients with Chronic Total Occlusion older than 1 month, and successful recanalization	Parallel groups open Italy
Kochiadakis , 2007 n=38/43 follow-up: 4.8 months (mean)	sirolimus-eluting stents versus bare metal stent	one-vesseldisease (>70% narrowing of the lumen of one major epicardialcoronary artery); stable coronary artery disease, age <70 years, and vessel referencediameter >=2.5 mm	Parallel groups open Greece
MISSION , 2008 [ISRCTN62825862] n=158/152 follow-up: 12 months	Cypher versus Vision	primary percutaneous coronary intervention for ST-segment elevation myocardial infarction (<9h)	Parallel groups single-blind the Netherlands
Ortolani et al , 2007 n=NA follow-up: 9 months	Cypher versus Vision	symptomatic coronary artery disease and target vessel diameter appropriate for implantation a 3-mm stent	Parallel groups single-blind
Pache et al , 2005 n=250/250 follow-up: 12 months	Cypher versus BeStent 2	with symptomatic coronary artery disease and significant angiographic stenosis in native coronary vessels	Parallel groups open Germany
Pasceri , 2003 *unpublished* n=NA follow-up: 12 months	-	-	Parallel groups
PRISON II , 2006 [NCT00258596] n=100/100 follow-up: 6 months	Cypher versus BxVelocity	Chronic total occlusion, positive exercise stress test	Parallel groups single-blind Belgium
RAVEL , 2002 [NCT00233805] n=120/118 follow-up: 12 months	coated Bx Velocity versus Bx Velocity	Stable or unstable AP, silent ischaemia; single primary target lesion in a native coronary artery	Parallel groups double-blind Global

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Trial	Treatments	Patients	Trials design and methods
Ravel (diabetics) , 2004 n=19/25 follow-up: 6 months	coated Bx velocity versus Bx VELOCITY	sub groups of diabetic patients with de novo native coronary arterylesions 2.5 to 3.5 mm in diameter by visualassessment that could be covered by an 18-mm stent	Parallel groups NA Europe
RRISC , 2006 [NCT00263263] n=38/37 follow-up: 6 months (3 years)	Cypher versus BX-Velocity	Stable or unstable AP, with previous coronary artery bypass surgery and degenerated vein grafts	Parallel groups open Belgium, The netherlands
SCANDSTENT , 2006 [NCT00151658] n=163/159 follow-up: 7 months	Cypher versus Sonic	Stable or unstable AP, recent AMI (non ST-elevation); with one or more de novo complex lesions in native coronary vessels (occluded, bifurcational, ostial or angulated)	Parallel groups open Denmark
SCANDSTENT (subgroup) , 2006 n=64/63 follow-up: 17 mo (angiography 7 mo)	SES implanted after successful recanalization versus BMS implanted after successful recanalization	patients with coronary artery disease and a total coronary occlusion >or = 15 mm in length	Parallel groups open
SCORPIUS , 2007 [NCT00495898] n=98/102 follow-up: 12 months	Cypher versus Bx-Velocity	patients with diabetes and de novo coronary artery lesions	Parallel groups open Germany
SES-SMART , 2004 n=129/128 follow-up: 8 months	Cypher versus Bx Sonic	Stable AP, ACS, silent myocardial ischaemia as shown by exercise stress test	Parallel groups single-blind Italian
SES-SMARt (diabetics) , 2005 n=29/45 follow-up: 8 months	Cypher versus Bx Sonic	Diabetic patients with de novo target lesion <=2.75 mm in diameter in a native coronary artery that could be completely covered by a single stent (maximum length 33 mm)	Parallel groups single-blind Italy
SESAMI , 2007 [NCT00288210] n=160/160 follow-up: 12 months	Cypher versus BX stent, Cordis	AMI	Parallel groups open Italy

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Trial	Treatments	Patients	Trials design and methods
SIRIUS , 2003 [NCT00232765] n=533/525 follow-up: 9 months	SES versus Bx Velocity	Stable or unstable AP, signs of myocardial ischaemia	Parallel groups double-blind United States
SIRIUS (diabetics) , 2003 n=131/148 follow-up: 12 months	SES versus BMS	sub group of diabetics patients of SIRIUS study	Parallel groups double-blind US
TYPHOON , 2006 [NCT00232830] n=356/359 follow-up: 12 months	Cypher or CypherSelect versus any commerciallyavailable uncoated stent	AMI	Parallel groups open Worldwide (15 countries)
BASKET-PROVE , 2008 *ongoing* n=NA follow-up:	Cypher versus Vision	-	
sirolimus eluting stent vs PTCA			
CRISTAL [NCT00323895] n=NA follow-up:	sirolimus-eluting stent versus balloon re-percutaneous transluminal coronary angioplasty	Intra-Des Restenosis	
sirolimus eluting stent vs cutting ballon angioplasty			
FOCUS *ongoing* [NCT00485004] n=NA follow-up:	sirolimus-eluting implantation cypher versus cutting balloon angioplasty	focal in-stent restenosis after drug-eluting stent	
sirolimus eluting stent vs brachytherapy			
SISR , 2007 [NCT00231257] n=259/125 follow-up: 12 months	Sirolimus-eluting stents versus brachytherapy	restenosis within a bare metal stent	Parallel groups open US and Canadian
sirolimus eluting stent vs paclitaxel eluting stent			
BASKET (vs paclitaxel) , 2005 n=264/281 follow-up: 6 months	Cypher versus Taxus	Unselected patients; de-novo lesions	Parallel groups open Switzerland,
Cervinka , 2006 n=37/33 follow-up: 6 months	sirolimus-eluting stent versus paclitaxel-eluting stent	Complex lesionsand patients. Signs and/or symptoms myocardial ischaemia, including AMI	Parallel groups open

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Trial	Treatments	Patients	Trials design and methods
CORPAL , 2005 *unpublished* n=331/321 follow-up:	sirolimus versus paclitaxel	Documented myocardial ischaemia, no AMI	Parallel groups open Spain
DES-DIABETES , 2008 n=200/200 follow-up: 9 months (1 year)	sirolimus-eluting stent versus paclitaxel-elutingstent	diabetic patients with angina pectoris and/or a positive stress test and a native coronary lesion	Factorial plan open Korea
Di Lorenzo et al. , 2005 *unpublished* n=90/90 follow-up:	sirolimus versus paclitaxel	ST-segment elevation myocardial infarction	Parallel groups open
Han , 2006 n=210/206 follow-up: 19.5 months (mean)	Cypher versus Taxus	Multivessel disease. Stable or unstable AP, no AMI	Parallel groups open China
ISAR-DESIRE (SES vs PES) , 2005 n=100/100 follow-up: 1y	Cypher versus Taxus	In-stent restenosis. AP and/or positive test, previously stented, no AMI	Parallel groups open germany
ISAR-DESIRE-2 , 2010 [NCT00598715] n=225/225 follow-up: 1y	sirolimus-eluting stent versus paclitaxel-eluting stent	coronary restenosis in sirolimus-eluting stents	Parallel groups open Germany
ISAR-DIABETES , 2005 n=125/125 follow-up: 9 months	Taxus versus Cypher	Diabetic patients. AP or positive stress, no AMI with clinically significant angiographic stenosis in a native coronary vessel	Parallel groups open Germany
ISAR-LEFT-MAIN , 2009 [NCT00133237] n=302/305 follow-up: 1 year	Paclitaxel-eluting stent versus Sirolimus-eluting stent	Unprotected Left Main Coronary Artery Disease	Parallel groups open
ISAR-SMART 3 , 2006 [NCT00146575] n=180/180 follow-up:	Taxus versus Cypher	Small vessels, de novo lesions in native coronary vessels with a diameter of <2.80 mm nondiabetic patients. AP or positive stress, no AMI	Parallel groups NA Germany
ISAR-TEST-1 , 2006 [NCT00140530] n=225/225 follow-up: 9 months	rapamycin-eluting stent Yukon versus Taxus	stable or unstable anginaor a positive stress test, stable or unstable anginaor a positive stress test	Parallel groups open Germany

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Trial	Treatments	Patients	Trials design and methods
Kim , 2008 n=85/84 follow-up: 6 months	Cypher versus Taxus	Korean diabetic patients with high-grade de novo coronary lesions (stenosis of>70 percent of the luminal diameter) requiring <3 stents	Parallel groups open Korea
LONG DES II , 2006 n=250/250 follow-up: 9 months	SES versus PES	Long lesions. AP or positive stress, no AMI	Parallel groups single-blind Korea
Pan , 2007 n=103/102 follow-up: 24 months (mean)	SES for provisional T-stenting versus PES for provisional T-stenting	patients with bifurcation lesions	Parallel groups open Spain
Petronio et al , 2007 n=50/50 follow-up: 9 months	Cypher versus Taxus	Complex lesions. Stable AP or documented ischaemia, no AMI	Parallel groups open Italy
PROSIT , 2006 n=154/154 follow-up: 1 year	SES Cordis versus PES Boston Scientific	AMI or persistent ischaemia 12-24h	Parallel groups open Korea
REALITY , 2006 [NCT00235092] n=701/685 follow-up: 12 months	Cypher versus Taxus	Relatively unselected patients. Stable or unstable documented silent ischaemia, no AMI with 1 or 2 de novo lesions (2.25-3.00 mm in diameter) in native coronary arteries	Parallel groups open Europe, Latin America, and Asiam
REALITY (diabetics) , 2006 *unpublished* n=187/192 follow-up: 12 months	SES versus PES	-	Parallel groups open worldwide
SIRTAX (small vessels subgroup) , 2005 n=249/246 follow-up: 9 months	Cypher versus Taxus	Unselected patients. Stable AP, ACS, including AMI. at least one lesion with stenosis of at least 50 percent in a vessel with a reference diameter between 2.25 and 4.00 mm that was suitable for stent implantation	Parallel groups single-blind Switzerland

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Trial	Treatments	Patients	Trials design and methods
SIRTAX (Windecker) , 2005 n=503/509 follow-up: 9 mo (5y)	sirolimus-eluting stents (Cypher) versus paclitaxel-eluting stents (Taxus)	Unselected patients. Stable AP, ACS, including AMI. at least one lesion with stenosis of at least 50 percent in a vessel with a reference diameter between 2.25 and 4.00 mm that was suitable for stent implantation	Parallel groups single-blind Switzerland
SIRTAX diabetics , 2005 [NCT00297661] n=108/93 follow-up: 12 months	Cypher versus Taxus	Sub groups of diabetics patients with either stable angina or an acute coronary syndrome	Parallel groups single-blind Switzerland
SORT OUT II , 2008 [NCT00388934] n=1065/1033 follow-up:	Cypher stent versus Taxus stent(Boston Scientific Corp)	Unselected patients (included ST-segment elevation myocardial infarction (STEMI), non-STEMI or unstable angina pectoris, and stable angina)	Parallel groups open Denmark.
TAXi , 2005 n=102/100 follow-up: 6 months	Cypher versus Taxus	Unselected patients	Parallel groups open Switzerland.
TAxi (diabetics) , 3000 *unpublished* n=33/36 follow-up: 12 months	SES versus PES	-	Parallel groups open Switzerland
Tomai , 2008 n=60/60 follow-up: 8 months	sirolimus-eluting stent versus paclitaxel-eluting stent	diabetic patient with multiple de novo coronary artery lesions	Cross over NA Italy
Wessely , 2008 n=NA follow-up: 9 months	rapamycin polymer-coated drug-eluting stent versus paclitaxel polymer-coated drug-eluting stent	-	Parallel groups NA Germany
Zhang (SES vs PES) , 2006 n=246/203 follow-up: 1y	Cypher versus Taxus	Unselected patients. Stable or unstable AP, ACS with de novo coronary lesions	Parallel groups open China
DES-ISR *ongoing* [NCT00485030] n=NA follow-up:	Cypher versus Taxus	patients Diffuse Type In-Stent Restenosis After Drug-Eluting Stents Implantation	

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Trial	Treatments	Patients	Trials design and methods
Lipsia-Yukon-DM *ongoing* [NCT00368953] n=NA follow-up: 9 months	Yukon Choice stent system versus Taxus Libert stent system	Patients With Diabetes Mellitus	
sirolimus eluting stent vs CABG			
MIDCAB Versus DES in Proximal LAD Lesions *ongoing* [NCT00299429] n=NA follow-up:	sirolimus-coated stent versus minimally invasive bypass surgery	patients with isolated proximal left anterior descending coronary arteries	
Munich Study *ongoing* n=NA	sirolimus versus CABG	-	
sirolimus eluting stent vs Firebird eluting stent			
Gao *ongoing* [NCT00887211] n=NA follow-up:	ProStent rapamycin-eluting stent system versus Firebird drug-eluting stents	-	Parallel groups single blind

More details and results :

- myocardial revascularization for coronary artery disease in all type of patient at http://www.trialresultscenter.org/godirect.asp?q=26
- myocardial revascularization for coronary artery disease in diabetic patients at http://www.trialresultscenter.org/godirect.asp?q=30
- Drug eluting stent for coronary artery disease in all type of patients at http://www.trialresultscenter.org/godirect.asp?q=206
- Drug eluting stent for coronary artery disease in diabetic patients at http://www.trialresultscenter.org/godirect.asp?q=207
- Drug eluting stent for coronary artery disease in acute myocardial infarction at http://www.trialresultscenter.org/godirect.asp?q=208
- Drug eluting stent for coronary artery disease in long or complex lesion at http://www.trialresultscenter.org/godirect.asp?q=209
- Drug eluting stent for coronary artery disease in bypass graft lesion at http://www.trialresultscenter.org/godirect.asp?q=210
- Drug eluting stent for coronary artery disease in in stent restenosis at http://www.trialresultscenter.org/godirect.asp?q=211

- Drug eluting stent for coronary artery disease in unprotected left main artery stenosis at http://www.trialresultscenter.org/godirect.asp?q=212
- Drug eluting stent for coronary artery disease in bifurcation lesion at http://www.trialresultscenter.org/godirect.asp?q=214
- Drug eluting stent for coronary artery disease in unparticular patients at http://www.trialresultscenter.org/godirect.asp?q=215
- Drug eluting stent for coronary artery disease in total occlusion at http://www.trialresultscenter.org/godirect.asp?q=216
- Drug eluting stent for coronary artery disease in small vessels at http://www.trialresultscenter.org/godirect.asp?q=217

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Entry terms: CYPHER, Cordis CYPHER