

# Clinical trials of Drug eluting stent for coronary artery disease in unprotected left main artery stenosis

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## 1 drug-eluting stents

Trial	Treatments	Patients	Trials design and methods
<b>paclitaxel eluting stent vs bare-metal stent</b>			
Erglis , 2007 n=53/50 follow-up: 6 months	IVUS-guided paclitaxel-eluting stent (Taxus Express) after lesion pre-treatment with cutting balloon versus IVUS-guided bare-metal (Express or Liberte) after lesion pre-treatment with cutting balloon	percutaneous coronary intervention for unprotected left main artery stenosis	Parallel groups open
<b>DES vs CABG</b>			
Boudriot , 2008 n=83/84 follow-up: 12 months	DES versus CABG	-	Parallel groups open
SYNTAX (unprotected left main sub group) , 2009 n=312/302 follow-up: 12 months	PCI versus CABG	patients with left main coronary artery disease	Parallel groups open
<b>drug-eluting stents vs CABG</b>			
Leipzig <i>ongoing</i> [NCT00176397] n=NA follow-up:	PCI With DES versus CABG	left main coronary stenosis	
<b>sirolimus eluting stent vs paclitaxel eluting stent</b>			
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
<b>everolimus eluting stent vs zotarolimus eluting stent</b>			
LEFT-MAIN-2 <i>ongoing</i> [NCT00598637] n=NA follow-up:	Xience versus Endeavor Resolute	unprotected left main coronary artery disease	open

## References

### Erglis, 2007:

Erglis A, Narbutė I, Kumsars I, Jegere S, Mintale I, Zakke I, Strazdins U, Saltups A A randomized comparison of paclitaxel-eluting stents versus bare-metal stents for treatment

of unprotected left main coronary artery stenosis. J Am Coll Cardiol 2007;50:491-7 [[17678730](#)]

**Boudriot, 2008:**

Boudriot E, Thiele H, Liebetrau C, Walther T, Pohl T, Boeckstegers P, Reichart B, Beier F, Mudra H, Kemkes BM, Gick M, Neumann FJ, Mohr FW, Schuler G. Randomized multicenter trial between PCI with sirolimus-eluting stent versus CABG for unprotected left main stenosis. Transcatheter Cardiovascular Therapeutics; Washington, District of Columbia; 2008.

**SYNTAX (unprotected left main sub group), 2009:**

Serruys PW, Morice MC, Kappetein AP, Colombo A, Holmes DR, Mack MJ, Sthle E, Feldman TE, van den Brand M, Bass EJ, Van Dyck N, Leadley K, Dawkins KD, Mohr FW. Percutaneous coronary intervention versus coronary-artery bypass grafting for severe coronary artery disease. N Engl J Med 2009;360:961-72 [[19228612](#)] [10.1056/NEJMoa0804626](#)

**Leipzig, 0:**

**ISAR-LEFT-MAIN, 2009:**

Mehilli J, Kastrati A, Byrne RA, Bruskina O, Iijima R, Schulz S, Pache J, Seyfarth M, Massberg S, Laugwitz KL, Dirschinger J, Schmig A. Paclitaxel- versus sirolimus-eluting stents for unprotected left main coronary artery disease. J Am Coll Cardiol 2009 May 12;53:1760-8 [[19422982](#)]

**LEFT-MAIN-2, 0:**

## 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.