

# Clinical trials of Drug eluting stent for coronary artery disease in total occlusion

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## 1 drug-eluting stents

Trial	Treatments	Patients	Trials design and methods
<b>sirolimus eluting stent vs bare-metal stent</b>			
<b>GISSOC II , 2010</b> [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
<b>PRISON II , 2006</b> [NCT00258596] n=100/100 follow-up: 6 months	Cypher versus BxVelocity	Chronic total occlusion, positive exercise stress test	Parallel groups single-blind Belgium
<b>SCANDSTENT (subgroup) , 2006</b> 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 $\geq 15$ mm in length	Parallel groups open
<b>zotarolimus eluting stent vs sirolimus eluting stent</b>			
<b>PRISON III , 2007</b> <i>ongoing</i> [NCT00428454] n=NA follow-up: 8 months	Endeavor versus Cypher	patients with total coronary occlusions for at least 2 weeks with evidence of ischemia related to the occluded coronary artery	Parallel groups open

## References

### GISSOC II, 2010:

Rubartelli P, Petronio AS, Guiducci V, Sganzerla P, Bolognese L, Galli M, Sheiban I, Chirillo F, Ramondo A, Bellotti S Comparison of sirolimus-eluting and bare metal stent for treatment of patients with total coronary occlusions: results of the GISSOC II-GISE multicentre randomized trial. Eur Heart J 2010;: [20566487] [10.1093/eurheartj/ehq199](https://doi.org/10.1093/eurheartj/ehq199)

### PRISON II, 2006:

Suttorp MJ, Laarman GJ, Rahel BM, Kelder JC, Bosschaert MA, Kiemeneij F, Ten Berg JM, Bal ET, Rensing BJ, Eefting FD, Mast EG Primary Stenting of Totally Occluded Native Coronary Arteries II (PRISON II): a randomized comparison of bare metal stent implantation with sirolimus-eluting stent implantation for the treatment of total coronary occlusions. Circulation 2006;114:921-8 [16908768]

### SCANDSTENT (subgroup), 2006:

Kelbaek H, Helqvist S, Thuesen L, Klvgaard L, Jrgensen E, Saunamki K, Krusell LR, Btker HE, Engstrm T, Jensen GV Sirolimus versus bare metal stent implantation in patients with total coronary occlusions: subgroup analysis of the Stenting Coronary Arteries in Non-Stress/Benestent Disease (SCANDSTENT) trial. Am Heart J 2006;152:882-6 [17070149] [10.1016/j.ahj.2006.03.028](https://doi.org/10.1016/j.ahj.2006.03.028)

### PRISON III, 2007:

Suttorp MJ, Laarman GJ A randomized comparison of sirolimus-eluting stent implantation with zotarolimus-eluting stent implantation for the treatment of total coronary occlusions: rationale and design of the PRImary Stenting of Occluded Native coronary arteries III (PRISON III) study. Am Heart J 2007 Sep;154:432-5 [17719285]

## 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.