

# Clinical trials of Drug eluting stent for coronary artery disease in small vessels

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## 1 drug-eluting stents

Trial	Treatments	Patients	Trials design and methods
<b>paclitaxel eluting stent vs bare-metal stent</b>			
<b>TAXUS V small vessels sub groups</b> n=NA follow-up:	paclitaxel-eluting stents versus bare metal stents	patients who underwent stent implantation in a single coronary artery stenosis (vessel diameter, 2.25-4.0 mm; lesion length, 10-46 mm), subgroup of small vessel patients	
<b>sirolimus eluting stent vs bare-metal stent</b>			
<b>SES-SMART , 2004</b> 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
<b>everolimus eluting stent vs paclitaxel eluting stent</b>			
<b>SPIRIT III (small vessel subgroup) , 2009</b> n=160/59 follow-up: 9 months	2.5-mm everolimus-eluting stent versus 2.5-mm paclitaxel-eluting stent	patients included in SPIRIT III that received at least one 2.5-mm stent	Parallel groups open
<b>sirolimus eluting stent vs paclitaxel eluting stent</b>			
<b>ISAR-SMART 3 , 2006</b> [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
<b>SIRTAX (small vessels subgroup) , 2005</b> 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

## References

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### SES-SMART, 2004:

Ardissino D, Cavallini C, Bramucci E, Indolfi C, Marzocchi A, Manari A, Angeloni G, Carosio G, Bonizzoni E, Colusso S, Repetto M, Merlini PA Sirolimus-eluting vs uncoated stents for prevention of restenosis in small coronary arteries: a randomized trial. JAMA 2004;292:2727-34 [[15585732](#)]

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**ISAR-SMART 3, 2006:**

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**SIRTAX (small vessels subgroup), 2005:**

Togni M, Eber S, Widmer J, Billinger M, Wenaweser P, Cook S, Vogel R, Seiler C, Eberli FR, Maier W, Corti R, Roffi M, Lscher TF, Garachemani A, Hess OM, Wandel S, Meier B, Jni P, Windecker S Impact of vessel size on outcome after implantation of sirolimus-eluting and paclitaxel-eluting stents: a subgroup analysis of the SIRTAX trial. *J Am Coll Cardiol* 2007;50:1123-31 [[17868802](#)]

## 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.