

# Clinical trials of rhenium-188

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## 1 restenosis after PCI

Trial	Treatments	Patients	Trials design and methods
<b>rhenium-188 vs control</b>			
<b>Schhlen , 2001</b> n=NA follow-up: 6mo (12 mo)	rhenium-188 liquid-filled balloon system versus no radiation	patients undergoing percutaneous transluminal coronary angioplasty for in-stent restenosis	Parallel groups open
<b>ECRIS , 2003</b> n=113/112 follow-up: 6 mo	Intracoronary beta-irradiation with a rhenium-188-filled balloon catheter versus no additional intervention	patients with de novo and restenotic lesions	Parallel groups open Germany
<b>SPARE , 2004</b> n=104/83 follow-up: 9mo (3y)	rhenium-188 filled balloon system versus control	patient with successful catheter-based treatment of de novo or restenotic lesion	Parallel groups open Korea

More details and results :

- Intravascular Brachytherapy for restenosis after PCI in all type of patients at <http://www.trialresultscenter.org/go-Q288>

## References

### Schhlen, 2001:

Schhlen H, Eigler N, Whiting JS, Haubner R, Hausleiter J, Dirschinger J, Kastrati A, Schwaiger M, Schmig A Usefulness of intracoronary brachytherapy for in-stent restenosis with a 188Re liquid-filled balloon. Am J Cardiol 2001;87:463-6, A7 [[11179537](#)]

### ECRIS, 2003:

Hher M, Whrle J, Wohlfrom M, Kamenz J, Nusser T, Grebe OC, Hanke H, Kochs M, Reske SN, Hombach V, Kotzerke J Intracoronary beta-irradiation with a rhenium-188-filled balloon catheter: a randomized trial in patients with de novo and restenotic lesions. Circulation 2003;107:3022-7 [[12796137](#)]

### SPARE, 2004:

Kim KI, Bae J, Kang HJ, Koo BK, Youn TJ, Kim SH, Chae IH, Kim HS, Sohn DW, Oh BH, Lee MM, Park YB, Choi YS, Lee DS Three-year clinical follow-up results of intracoronary radiation therapy using a rhenium-188-diethylene-triamine-penta-acetic-acid-filled balloon system. Circ J 2004;68:532-7 [[15170087](#)]