

Clinical trials of TMR+CABG

TrialResults-center www.trialresultscenter.org

1 stable angina

| Trial | Treatments | Patients | Trials design and methods |
|---|--|--|----------------------------------|
| TMR+CABG vs CABG | | | |
| Allen , 2000 n=132/131 follow-up: | coronary bypass of suitable vessels plus transmyocardial revascularization to areas not graftable versus coronary bypass alone with nongraftable areas left unrevascularized | patients whose standard of care was coronary artery bypass grafting and who had one or more ischemic areas not amenable to bypass grafting | single blind |
| Loubani , 2003 n=10/10 follow-up: 36 months | coronary artery bypass grafting plus transmyocardial laser revascularization with a holmium:YAG (yttrium-aluminum-garnet) laser to nongraftable areas versus coronary artery bypass grafting | Patients who had elective coronary artery bypass with one or more nongraftable coronary arteries | Parallel groups open UK |
| Zhao , 2006 n=40/40 follow-up: 3.4y | transmyocardial laser revascularization (holmium: YAG) combined with off-pump coronary artery bypass versus off-pump coronary artery bypass | patients with diffusely diseased target vessels | Parallel groups open China |

More details and results :

- myocardial revascularization for stable angina in all type of patient at <http://www.trialresultscenter.org/go-Q25>

References

Allen, 2000:

Allen KB, Dowling RD, DelRossi AJ, Realyvasques F, Lefrak EA, Pfeffer TA, Fudge TL, Mostovych M, Schuch D, Szentpetery S, Shaar CJ Transmyocardial laser revascularization combined with coronary artery bypass grafting: a multicenter, blinded, prospective, randomized, controlled trial. J Thorac Cardiovasc Surg 2000;119:540-9 [[10694615](#)]

Loubani, 2003:

Loubani M, Chin D, Leverment JN, Galianes M Mid-term results of combined transmyocardial laser revascularization and coronary artery bypass. Ann Thorac Surg 2003;76:1163-6 [[14530005](#)]

Zhao, 2006:

Zhao H, Wan F, Guo JX, Chen Y, Xie JY, Yang W, Zhang P [Chronic effects of transmyocardial laser revascularization combined with off-pump coronary artery bypass (OPCAB) compared with OPCAB alone in patients with ischemic heart disease: a prospective multicenter follow-up study] *Zhonghua Xin Xue Guan Bing Za Zhi* 2006;34:710-3 [17081396]

2 coronary artery disease

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More details and results :

- myocardial revascularization for coronary artery disease in all type of patient at <http://www.trialresultscenter.org/go-Q26>
- transmyocardial revascularization for coronary artery disease in all type of patients at <http://www.trialresultscenter.org/go-Q274>

References

Allen, 2000:

Allen KB, Dowling RD, DelRossi AJ, Realyvasques F, Lefrak EA, Pfeffer TA, Fudge TL, Mostovych M, Schuch D, Szentpetery S, Shaar CJ Transmyocardial laser revascularization combined with coronary artery bypass grafting: a multicenter, blinded, prospective, randomized, controlled trial. *J Thorac Cardiovasc Surg* 2000;119:540-9 [10694615]

Loubani, 2003:

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Zhao, 2006:

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Entry terms: Coronary Artery Bypass Surgery, Coronary Artery Bypass, Coronary Artery Bypasses, Coronary Artery Bypass Surgery, Aortocoronary Bypass, Aortocoronary Bypasses, Coronary Artery Bypass Grafting, CABG