

Clinical trials of late PTCA

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1 acute myocardial infarction

Trial	Treatments	Patients	Trials design and methods
late PTCA vs no PTCA			
Horie et al , 1998 n=44/39 follow-up: 50 months, mean	late revascularization by primary PTCA versus no PTCA	patients with initial Q-wave anterior myocardial infarction >24 hours after onset	
TOAT , 2002 n=32/34 follow-up: 12 months, fixed	late revascularization (late intervention and stent to the LAD + medical therapy) versus conservative therapy (medical therapy)	symptom-free patients after acute myocardial infarction	open
TOMIIS , 1994 n=25/19 follow-up: 4 months, fixed	late PTCA versus no PTCA	patients with a recent, first Q-wave myocardial infarction and an occluded infarct-related coronary artery	open
DECOPI , 2004 n=109/103 follow-up: 34 months, mean	percutaneous revascularization carried out 2-15 days after symptom onset versus medical treatment	patients with a first Q-wave myocardial infarction and an occluded infarct vessel	open
Silva et al , 2005 n=18/18 follow-up: 6 months, fixed	percutaneous coronary intervention versus conservative therapy (no-PCI)	patients with occluded infarct-related artery between 12 h and 14 days post-anterior MI were	open
OAT , 2006 n=1082/1084 follow-up: 35 months, mean	routine PCI and stenting versus optimal medical therapy alone	stable patients who had total occlusion of the infarct-related artery 3 to 28 days after myocardial infarction and who met a high-risk criterion (open
TOSCA-2 , 2006 [NCT00025766] n=195/186 follow-up: 12 months, fixed	PCI with stenting versus optimal medical therapy alone	patients with an occluded native infarct-related artery 3 to 28 days after MI	open

More details and results :

- Late revascularisation for acute myocardial infarction in late reperfusion at <http://www.trialresultscenter.org/go-Q134>
- myocardial revascularization for acute myocardial infarction in ≤ 6h from onset of symptoms at <http://www.trialresultscenter.org/go-Q249>

References

Horie et al, 1998:

Horie H, Takahashi M, Minai K, Izumi M, Takaoka A, Nozawa M, Yokohama H, Fujita T, Sakamoto T, Kito O, Okamura H, Kinoshita M Long-term beneficial effect of late reperfusion for acute anterior myocardial infarction with percutaneous transluminal coronary angioplasty. *Circulation* 1998;98:2377-82 [[9832481](#)]

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DECOPI, 2004:

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Dzavik V, Buller CE, Lamas GA, Rankin JM, Mancini GB, Cantor WJ, Carere RJ, Ross JR, Atchison D, Forman S, Thomas B, Buszman P, Vozzi C, Glanz A, Cohen EA, Meciar P, Devlin G, Mascette A, Sopko G, Knatterud GL, Hochman JS Randomized trial of percutaneous coronary intervention for subacute infarct-related coronary artery occlusion to achieve long-term patency and improve ventricular function: the Total Occlusion Study of Canada (TOSCA)-2 trial. *Circulation* 2006;114:2449-57 [[17105848](#)]

Entry terms: PTCA