

Clinical trials of nitroglycerin

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1 acute myocardial infarction

| Trial | Treatments | Patients | Trials design and methods |
|---|---|--|---|
| nitroglycerin vs control | | | |
| Jugdutt , 1988 n=154/156 follow-up: 12 mo | intravenous nitroglycerin versus control | acute myocardial infarction | Parallel groups open |
| Bussman , 1981 n=31/29 follow-up: 18 months | i.v. nitroglycerin for 48 hours versus no i.v. nitroglycerin | patients with acute myocardial infarction within 24 hours | Parallel groups open Germany |
| Chiche , 1979 <i>unpublished</i> n=50/45 follow-up: in hospital (28d) | Nitroglycerin IV for 7 days versus placebo | patients with suspected myocardial infarction, within 12 h of the onset | Parallel groups single blind France |
| GISSI-3 , 1994 n=9663/9655 follow-up: 6 week | nitrates intravenous for the first 24 h followed by transdermal glyceryl trinitrate nitrates 10 mg daily versus control | patients with acute myocardial infarction | Parallel groups open |
| Jugdutt , 1983 <i>unpublished</i> n=154/156 follow-up: 3 months | Intravenous nitroglycerin versus control | patients with acute myocardial infarction | Parallel groups open |
| Nelson , 1983 n=14/14 follow-up: in hospital | intravenous isosorbide dinitrate (50-200 micrograms/kg/h) versus frusemide (1 mg/kg) | men with radiographic and haemodynamic evidence of left ventricular failure following acute myocardial infarction | Parallel groups single blind |
| nitroglycerin vs placebo | | | |
| Charvat , 1990 n=62/67 follow-up: 72 hours | intravenous nitroglycerin for 48h versus placebo | patients with acute myocardial infarction and ST segment elevation on admission but no Q wave in the infarcted area within 6 hours of onset | Parallel groups double blind Kuwait |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|---|---|---------------------------------------|
| Flaherty , 1983 n=56/48 follow-up: 15 months | Nitroglycerin for 48h versus placebo | patients with acute myocardial infarction | Parallel groups single blind US |
| Jaffe , 1983 n=57/57 follow-up: in hospital | glyceryl trinitrate titrated versus placebo | patients with inferior infarction under conventional clinical conditions within 10 hours of the onset of symptoms | Parallel groups double blind |
| Lis , 1984 n=64/76 follow-up: 4 months | 48-h intravenous infusion of nitroglycer versus placebo | patients with acute myocardial infarction | Parallel groups double blind |

More details and results :

- nitrates for acute myocardial infarction in all type of patients at <http://www.trialresultscenter.org/go-Q144>

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Entry terms: Nitroglycerin, Glyceryl Trinitrate, Nitrolan, Nitrostat, Perlinganit, Susadrin, Sustac, Sustak, Sustonit, Transderm Nitro, Tridil, Trinitrin, Trinitrolong, Anginine, Dynamite, Gilustenon, Nitrangin, Nitro-Bid, Nitro Bid, NitroBid, Nitro-Dur, Nitro Dur, NitroDur, Nitrocard, Nitroderm, Nitroderm TTS, Nitroglyn, Nitrol, Nitrong, Nitrospan,