

Clinical trials of oxygen therapy for acute coronary syndrome in all type of patients

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1 oxygen therapy

| Trial | Treatments | Patients | Trials design and methods |
|---|---|--|---------------------------|
| error vs control | | | |
| Dekleva , 2004 n=NA | - | - | |
| hyperbaric oxygen vs control | | | |
| Sharifi , 2004 n=NA follow-up: | - | after percutaneous coronary intervention for acute myocardial infarction or unstable angina pectoris | |
| Swift , 1992 n=NA follow-up: | - | patients within 1 week of acute myocardial infarction | |
| Thurston , 1973 n=NA follow-up: | - | acute myocardial infarction | |
| Hot MI , 1997 n=112 follow-up: | - | Patients with an acute myocardial infarction who received recombinant tissue plasminogen activator | |
| HOT MI pilot , 1997 n=66 follow-up: | - | Patients with an acute myocardial infarction (AMI) who received recombinant tissue plasminogen activator | |
| oxygen therapy vs control | | | |
| Rawles , 1976 n=NA follow-up: | oxygen administered by MC mask throughout the first 24 hours versus air | myocardial infarction | |
| Ukholkina , 2005 n=NA follow-up: | - | patients with acute myocardial infarction | |
| Wilson , 1997 n=NA follow-up: | oxygen therapy versus control | patients presenting within 24 hours of onset of myocardial infarction | |
| supersaturated oxygen vs control | | | |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|---|---|---|---------------------------|
| AMIHOT II , 2000 [NCT00175058] n=222/79 follow-up: | 90-minute intracoronary supersaturated oxygen (SSO(2)) infusion in the left anterior descending artery infarct territory versus control | patients with anterior ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention within 6 hours of symptom onset | |
| AMIHOT , 2007 n=NA follow-up: | hyperoxemic reperfusion for 90 min using intracoronary aqueous oxygen versus normoxemic blood autoreperfusion | patients with acute anterior or large inferior AMI undergoing primary or rescue PCI (<24 h from symptom onset) and successful PCI | |
| Entonox vs placebo | | | |
| Kerr , 1975 n=NA follow-up: | nitrous oxide 50% /oxygen 50% ('Entonox' analgesic apparatus) versus placebo | - | double-blind |

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