

Clinical trials of hyperbaric oxygen

TrialResults-center www.trialresultscenter.org

1 acute myocardial infarction

| Trial | Treatments | Patients | Trials design and methods |
|---|------------|--|---------------------------|
| 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 | |

More details and results :

- oxygen therapy for acute myocardial infarction in all type of patients at <http://www.trialresultscenter.org/go-Q429>

References

Sharifi, 2004:

Sharifi M, Fares W, Abdel-Karim I, Koch JM, Sopko J, Adler D Usefulness of hyperbaric oxygen therapy to inhibit restenosis after percutaneous coronary intervention for acute myocardial infarction or unstable angina pectoris. Am J Cardiol 2004;93:1533-5 [[15194029](#)] [10.1016/j.amjcard.2004.03.009](https://doi.org/10.1016/j.amjcard.2004.03.009)

Sharifi M, Fares W, Abdel-Karim I, Petrea D, Koch JM, Adler D, Sopko J Inhibition of restenosis by hyperbaric oxygen: a novel indication for an old modality. Cardiovasc Radiat Med 2002;3:124-6 [[12974361](#)]

Swift, 1992:

Swift PC, Turner JH, Oxer HF, O'Shea JP, Lane GK, Woollard KV Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy. Am Heart J 1992;124:1151-8 [[1442480](#)]

Thurston, 1973:

Thurston JG, Greenwood TW, Bending MR, Connor H, Curwen MP A controlled investigation into the effects of hyperbaric oxygen on mortality following acute myocardial infarction. Q J Med 1973;42:751-70 [4606106]

Hot MI, 1997:

Shandling AH, Ellestad MH, Hart GB, Crump R, Marlow D, Van Natta B, Messenger JC, Strauss M, Stavitsky Y Hyperbaric oxygen and thrombolysis in myocardial infarction: the "HOT MI" pilot study. Am Heart J 1997;134:544-50 [9327714]

Stavitsky Y, Shandling AH, Ellestad MH, Hart GB, Van Natta B, Messenger JC, Strauss M, Dekleva MN, Alexander JM, Mattice M, Clarke D Hyperbaric oxygen and thrombolysis in myocardial infarction: the 'HOT MI' randomized multicenter study. Cardiology 1998;90:131-6 [9778551]

Laden G. HOT MI pilot study. Hyperbaric oxygen and thrombolysis in myocardial infarction American Heart Journal 1998;136(4 Pt 1):749.

HOT MI pilot, 1997:

Shandling AH, Ellestad MH, Hart GB, Crump R, Marlow D, Van Natta B, Messenger JC, Strauss M, Stavitsky Y Hyperbaric oxygen and thrombolysis in myocardial infarction: the "HOT MI" pilot study. Am Heart J 1997;134:544-50 [9327714]

2 acute coronary syndrome

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More details and results :

- oxygen therapy for acute coronary syndrome in all type of patients at <http://www.trialresultscenter.org/go-Q428>

References

Sharifi, 2004:

Sharifi M, Fares W, Abdel-Karim I, Koch JM, Sopko J, Adler D Usefulness of hyperbaric oxygen therapy to inhibit restenosis after percutaneous coronary intervention for acute myocardial infarction or unstable angina pectoris. *Am J Cardiol* 2004;93:1533-5 [[15194029](#)] [10.1016/j.amjcard.2004.03.009](#)

Sharifi M, Fares W, Abdel-Karim I, Petrea D, Koch JM, Adler D, Sopko J Inhibition of restenosis by hyperbaric oxygen: a novel indication for an old modality. *Cardiovasc Radiat Med* 2002;3:124-6 [[12974361](#)]

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Laden G. HOT MI pilot study. Hyperbaric oxygen and thrombolysis in myocardial infarction *American Heart Journal* 1998;136(4 Pt 1):749.

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