

Clinical trials of antithrombotics for thrombosis prevention in patients with myocardial infarction

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1 LMWH

Trial	Treatments	Patients	Trials design and methods
dalteparin vs UFH			
Scala , 1990 n=39 follow-up: 7 d	Dalteparin 120 IU/kg anti-Xa SC twice daily versus Standard heparin continuous IV infusion adapted to maintain aPTT between 1.5 and 2.5 times control value	acute myocardial infarction	Parallel groups open

References

Scala, 1990:

Scala PJ, Thiollot M, Midavaine M, Kher A, Funck-Brentano C, Jaillon P, Robert A, Valty J Deep venous thrombosis and left ventricular thrombosis prophylaxis by low molecular weight heparin in acute myocardial infarction. *Haemostasis* 1990;20:368-9 [[1965978](#)]

2 UFH

Trial	Treatments	Patients	Trials design and methods
UFH vs control			
Handley , 1972 n=30/30 follow-up: 14 d	Heparin 5000 U IV (loading dose) followed by 20 000 U IV twice daily versus no heparin	Myocardial infarction	Parallel groups
Handley (low dose) , 1972 n=26/24 follow-up: 7 d	Heparin 5000 U IV and 7500 U SC as soon as possible, then 7500 U SC twice daily versus no heparin	Myocardial infarction	Parallel groups
Gallus , 1973 n=38/40 follow-up: until mobile	heparin 5000 U SC 3 times daily versus no heparin	Myocardial infarction	Parallel groups
Warlow , 1973 n=73/73 follow-up: 10 d	Heparin sodium 5000 U SC twice daily versus no heparin	Myocardial infarction	Parallel groups double blind

continued...

Trial	Treatments	Patients	Trials design and methods
Emerson , 1973 n=37/41 follow-up: NA	Heparin Low dose SCium9 versus no heparin	Myocardial infarction	Parallel groups
Zawilska , 1989 n=50/53 follow-up: 14-21 d	Heparin sodium 5000 IU SC twice daily for 14 to 21 days versus no heparin	patients with acute myocardial infarction, disqualified for thrombolytic treatment	Parallel groups
UFH vs placebo			
Pitt , 1980 n=36/37 follow-up: 2-3 d	Heparin 500 U IV twice daily versus placebo	patients with acute myocardial infarction of less than 48 hours duration	Parallel groups open

References

Handley, 1972:

Handley AJ, Emerson PA, Fleming PR Heparin in the prevention of deep vein thrombosis after myocardial infarction. Br Med J 1972;2:436-8 [4555651]

Handley (low dose), 1972:

Handley AJ Low-dose heparin after myocardial infarction. Lancet 1972;2:623-4 [4116776]

Gallus, 1973:

Gallus AS, Hirsh J, Tuttle RJ, Trebilcock R, O'Brien SE, Carroll JJ, Minden JH, Hudecki SM Small subcutaneous doses of heparin in prevention of venous thrombosis. N Engl J Med 1973;288:545-51 [4568221]

Warlow, 1973:

Warlow C, Terry G, Kenmure AC, Beattie AG, Ogston D, Douglas AS A double-blind trial of low doses of subcutaneous heparin in the prevention of deep-vein thrombosis after myocardial infarction. Lancet 1973;2:934-6 [4126560]

Emerson, 1973:

Emerson PA, Marks P Preventing thromboembolism after myocardial infarction: effect of low-dose heparin or smoking. Br Med J 1977;1:18-20 [831965]

Zawilska, 1989:

Zawilska K, Psuja P, Lewandowski K, Wrz M Low-dose heparin in the prevention of thrombotic complications following acute myocardial infarction. Cor Vasa 1989;31:179-85 [2670447]

Pitt, 1980:

Pitt A, Anderson ST, Habersberger PG, Rosengarten DS Low dose heparin in the prevention of deep-vein thromboses in patients with acute myocardial infarction. Am Heart J 1980;99:574-8 [7369096]

3 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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