

Clinical trials of subcutaneous heparin

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1 venous thrombosis

Trial	Treatments	Patients	Trials design and methods
subcutaneous heparin vs intravenous heparin			
Krahenbuhl , 1979 n=23/25	subcutaneous sodic heparin 30 000 U daily (mean) versus intravenous sodic heparin 30 000 U daily (mean)	-	
Bentley , 1980 n=50/50	subcutaneous calcic heparin 37 000 U daily (mean) versus intravenous sodic heparin 36 800 U daily (mean)	-	
Andersson , 1982 n=72/69	subcutaneous sodic heparin 36 800 U daily (mean) versus intravenous sodic heparin 33 250 U daily (mean)	-	
Hull , 1986 n=57/58	subcutaneous sodic heparin 32 300 U daily (mean) versus intravenous sodic heparin 29 700 U daily (mean)	-	
Doyle , 1987 n=51/52	subcutaneous calcic heparin 29 200 U daily (mean) versus intravenous calcic heparin 29 600 U daily (mean)	-	
Walker , 1987 n=50/50	subcutaneous calcic heparin 29 375 U daily (mean) versus intravenous calcic heparin 24 384 U daily (mean)	-	

continued...

Trial	Treatments	Patients	Trials design and methods
Lopaciuk , 3000 n=48/46	subcutaneous sodic heparin 34 400 U daily (mean) versus intravenous sodic heparin 37 000 U daily (mean)	-	
Pini , 1990 n=138/133	subcutaneous calcic heparin 33 800 U daily (mean) versus intravenous sodic heparin 31 700 U daily (mean)	-	

More details and results :

- antithrombotics for venous thrombosis in all type of patients at <http://www.trialresultscenter.org/go-Q101>
- heparin (UFH or LMWH) for venous thrombosis in all type of patients at <http://www.trialresultscenter.org/go-Q204>
- UFH for venous thrombosis in all type of patients at <http://www.trialresultscenter.org/go-Q205>

References

Krahenbuhl, 1979:

Krahenbuhl B, Simon CA, Bouvier CA, Schinas P, Hopf MA, Cochet B [Heparin treatment. Comparison between intravenous and subcutaneous administration] Schweiz Med Wochenschr 1979;109:1322-5 [504973]

Bentley, 1980:

Bentley PG, Kakkar VV, Scully MF, MacGregor IR, Webb P, Chan P, Jones N An objective study of alternative methods of heparin administration. Thromb Res 1980;18:177-87 [7404497]

Andersson, 1982:

Andersson G, Fagrell B, Holmgren K, Johnsson H, Ljungberg B, Nilsson E, Wilhelmsson S, Zetterquist S Subcutaneous administration of heparin. A randomised comparison with intravenous administration of heparin to patients with deep-vein thrombosis. Thromb Res 1982;27:631-9 [7179208]

Hull, 1986:

Hull RD, Raskob GE, Hirsh J, Jay RM, Leclerc JR, Geerts WH, Rosenbloom D, Sackett DL, Anderson C, Harrison L Continuous intravenous heparin compared with intermittent subcutaneous heparin in the initial treatment of proximal-vein thrombosis. N Engl J Med 1986;315:1109-14 [3531862]

Doyle, 1987:

Doyle DJ, Turpie AG, Hirsh J, Best C, Kinch D, Levine MN, Gent M Adjusted subcutaneous heparin or continuous intravenous heparin in patients with acute deep vein thrombosis. A randomized trial. Ann Intern Med 1987;107:441-5 [3307582]

Walker, 1987:

Walker MG, Shaw JW, Thomson GJ, Cumming JG, Thomas ML Subcutaneous calcium heparin versus intravenous sodium heparin in treatment of established acute deep vein thrombosis of the legs: a multicentre prospective randomised trial. Br Med J (Clin Res Ed) 1987;294:1189-92 [3109574]

Lopaciuk, 3000:

Pini, 1990:

Pini M, Pattachini C, Quintavalla R, Poli T, Megha A, Tagliaferri A, Manotti C, Dettori AG Subcutaneous vs intravenous heparin in the treatment of deep venous thrombosis—a randomized clinical trial. *Thromb Haemost* 1990;64:222-6 [[2270531](#)]

Entry terms: heparin, Heparin, Unfractionated Heparin, Heparinic Acid, Liquaemin, Sodium Heparin, Heparin Sodium, alpha-Heparin, alpha Heparin,