

# Clinical trials of antiplatelets drug for thrombosis prevention in general surgery

TrialResults-center [www.trialresultscenter.org](http://www.trialresultscenter.org)

## 1 platelet aggregation inhibitors

Trial	Treatments	Patients	Trials design and methods
<b>aspirin vs control</b>			
Clagett , 1975 n=56/49	A1300 versus control	-	open
Zekert VI , 1982 n=50/50	A1500 versus control	-	open
<b>dipyridamol + aspirin vs control</b>			
Parodi I , 1973 n=40/22	Dip,A1000+Dip versus control	-	open
Parodi II , 1973 n=91/35	A1500,Dip,A+Dip versus control	-	open
Australian I , 1975 n=75/75	A1000+Dip versus control	-	open
Australian II , 1976 n=85/75	A1000+Dip versus control	-	open
Toulouse I , 1979 n=38/66	A990+Dip versus control	-	open
Zekert-III , 1977 n=135/46	A1500,A1300+Dip,A1000+Dip versus control	-	open
Harjola DVT , 1982 n=300/100	A1500,Dip,A+Dip versus control	-	open
Weiss , 1977 n=30/36	A990+Dip versus control	-	open
<b>sp vs control</b>			
Veth , 1985 n=120/118	Sp+Hep v Hep versus control	-	open
<b>aspirin vs placebo</b>			

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
MRC , 1972 n=153/150	A600 versus placebo	general surgery	double-blind
Loew DVT , 1974 n=702/679	A600 versus Placebo	-	double-blind
Erfurt-A , 1979 n=357/357	A1500 versus Placebo	-	double-blind
Zekert V , 1980 n=50/49	A1500+Hep???	-	double-blind
Vinazzer I , 1980 n=402/404	A1500+Hep v Hep versus Placebo	-	double-blind
Vinazzer II , 1977 n=62/62	A1000+Hepv Hep versus Placebo	-	double-blind
PEP hip-fracture , 2000 n=6679/6677 follow-up: 35 days	aspirin 160mg/d started preoperatively and continued for 35 days versus placebo	patients undergoing surgery for hip fracture	Parallel groups Double blind Australia, New Zealand, South Africa,
PEP elective arthroplasty , 2000 n=2047/2041 follow-up: 35 days	aspirin 160mg/d started preoperatively and continued for 35 daysA versus placebo	Patients undergoing elective hip or knee arthroplasty	Parallel groups Double blind New Zealand
<b>dipyridamol + aspirin vs placebo</b>			
Encke IA , 1976 n=21/9	A990,A+Dip versus Placebo	-	double-blind
Encke IB , 1976 n=62/34	A1500,A990+Dip versus Placebo	-	double-blind
<b>hydroxychloroquine vs placebo</b>			
Carter IA , 1971 n=284/281	Hydroxy versus placebo	-	double-blind
Carter IB , 1971 n=26/26	Hydroxy versus placebo	-	double-blind
Carter II , 1974 n=107/97	Hydroxy versus Placebo	-	double-blind

continued...

Trial	Treatments	Patients	Trials design and methods
New York , 1977 n=46/44	Hydroxy versus placebo	-	double-blind
Vermont , 1975 n=50/58	Hydroxy versus placebo	-	double-blind
<b>sp vs placebo</b>			
Athens , 1981 n=48/48	Sp versus placebo	-	double-blind
<b>Suloctidil vs placebo</b>			
Turpie , 1985 n=68/68	Suloctidil versus Placebo	-	double-blind
<b>ticlopidine vs placebo</b>			
Lasierra , 1982 n=40/40	Ticlopidine versus placebo	-	double-blind
Walker , 1974 <i>unpublished</i> n=31/33	ticlopidine versus placebo	-	double-blind

3

## References

### Clagett, 1975:

Clagett GP, Schneider P, Rosoff CB, Salzman EW The influence of aspirin on postoperative platelet kinetics and venous thrombosis. *Surgery* 1975;77:61-74 [[1109518](#)]

### Zekert VI, 1982:

Zekert F, Schemper M, Neumann K Acetylsalicylic acid in combination with dihydroergotamine for preventing thromboembolism. *Haemostasis* 1982;11:149-53 [[7095604](#)]

### Parodi I, 1973:

Parodi JC, Grandi A, Font E, Rotondaro D, Iorio J, Manrique J. El dipiridamol y el acido acetilsalicilico en la profilaxis de las trombosis venosas postoperatorias de los miembros inferiores *Dia Med* 1973;45:92-3.

### Parodi II, 1973:

Parodi JC, Grandi A, Font E, Rotondaro D, Iorio J, Manrique J. El dipiridamol y el acido acetilsalicilico en la profilaxis de las trombosis venosas postoperatorias de los miembros inferiores *Dia Med* 1973;45:92-3.

### Australian I, 1975:

O'Sullivan EF, Renney ]T. Antiplatelet drugs in the prevention of postoperative deep vein thrombosis In: *Proceedings of III congress of Interiational Societyfor Thrombosis andHaemnostasis (Washington)*. 1972:438.

### Australian II, 1976:

Renney JT, O'Sullivan EF, Burke PF Prevention of postoperative deep vein thrombosis with dipyridamole and aspirin. *Br Med J* 1976;1:992-4 [[773495](#)]

### Toulouse I, 1979:

Plante J, Boneu B, Vaysse C, Barret A, Gouzi M, Bierme R Dipyridamole-aspirin versus low doses of heparin in the prophylaxis of deep venous thrombosis in abdominal surgery. *Thromb Res* 1979;14:399-403 [[442014](#)]

### Zekert-III, 1977:

Zekert F. Prophylaxe von phlebothrombosen und lungenembolien mit aggregationshemmern In: Zekert F, ed. Thrombosen, Embolien und Aggregationshemmer in der Chirurgie. Stuttgart: Schattauer, 1975:75-88.

**Harjola DVT, 1982:**

Harjola P, Meurala H, Frick AMH. Prevention of deep venous thrombosis and thrombo-embolism by dipyridamole and acetylsalicylic acid after revascularization of arterial surgery. *J Cardiovasc Surg* 1980;21:451-4.

**Weiss, 1977:**

Weiss V, Jekiel M, Ritschard J, Bouvier CA. Prevention of the thrombo-embolic post-operative disease by anti-aggregants in surgery. *Medicine et Hygiene (Geneve)* 1977;35:943-4.

**Veth, 1985:**

Veth G, Meuwissen OJ, van Houwelingen HC, Sixma JJ Prevention of postoperative deep vein thrombosis by a combination of subcutaneous heparin with subcutaneous dihydroergotamine or oral sulphinpyrazone. *Thromb Haemost* 1985;54:570-3 [[4089792](#)]

**MRC, 1972:**

Effect of aspirin on postoperative venous thrombosis. Report of the Steering Committee of a trial sponsored by the Medical Research Council. *Lancet* 1972;2:441-5 [[4115340](#)]

**Loew DVT, 1974:**

Loew D, Wellmer HK, Baer U, Merguet H, Rumpf P, Petersen H, et al. Postoperative thromboembolie-prophylaxe mit acetylsalicylsäure. *Dtsch Med Wschr* 1974;99:565-72.

**Erfurt-A, 1979:**

Schreiber U, Hartung B. Postoperative thromboembolieprophylaxe bei patienten mit allgemeinchirurgischen operationen *Chirurg* 1979;104: 1214-20.

**Zekert V, 1980:**

Zekert F, Hofbauer F, Mhlbacher F [Prophylaxis of thromboembolism in abdominal surgery. Comparison of low dose heparin, acetylsalicylic acid and their combination (author's transl)] *MMW Munch Med Wochenschr* 1980;122:1495-8 [[6780841](#)]

**Vinazzar I, 1980:**

Vinazzar H, Loew D, Simma W, Brcke P Prophylaxis of postoperative thromboembolism by low dose heparin and by acetylsalicylic acid given simultaneously. A double blind study. *Thromb Res* 1980;17:177-84 [[7376128](#)]

**Vinazzar II, 1977:**

Loew D, Brcke P, Simma W, Vinazzar H, Dienstl E, Boehme K Acetylsalicylic acid, low dose heparin, and a combination of both substances in the prevention of postoperative thromboembolism. A double blind study. *Thromb Res* 1977;11:81-6 [[329468](#)]

**PEP hip-fracture, 2000:**

Prevention of pulmonary embolism and deep vein thrombosis with low dose aspirin: Pulmonary Embolism Prevention (PEP) trial. *Lancet* 2000 Apr 15;355:1295-302 [[10776741](#)]

**PEP elective arthroplasty, 2000:**

Prevention of pulmonary embolism and deep vein thrombosis with low dose aspirin: Pulmonary Embolism Prevention (PEP) trial. *Lancet* 2000 Apr 15;355:1295-302 [[10776741](#)]

**Encke IA, 1976:**

Encke A, Stock C, Dumke HO [Double-blind study for the prevention of postoperative thrombosis] *Chirurg* 1976;47:670-3 [[1001131](#)]

Schreiber U, Hartung B [Prevention of postoperative thromboembolism with micristin in general surgical patients (author's transl)] *Zentralbl Chir* 1979;104:1214-20 [[543338](#)]

**Encke IB, 1976:**

Encke A, Stock C, Dumke HO [Double-blind study for the prevention of postoperative thrombosis] *Chirurg* 1976;47:670-3 [[1001131](#)]

**Carter IA, 1971:**

Carter AE, Eban R, Perrett RD Prevention of postoperative deep venous thrombosis and pulmonary embolism. *Br Med J* 1971;1:312-4 [[5100262](#)]

**Carter IB, 1971:**

Carter AE, Eban R, Perrett RD Prevention of postoperative deep venous thrombosis and pulmonary embolism. *Br Med J* 1971;1:312-4 [[5100262](#)]

**Carter II, 1974:**

Carter AE, Eban R Prevention of postoperative deep venous thrombosis in legs by orally administered hydroxychloroquine sulphate. *Br Med J* 1974;3:94-5 [[4853767](#)]

**New York, 1977:**

Wu TK, Tsapogas MJ, Jordan FR Prophylaxis of deep venous thrombosis by hydroxychloroquine sulfate and heparin. Surg Gynecol Obstet 1977;145:714-8 [333643]

**Vermont, 1975:**

Pilcher DB Hydroxychloroquine sulfate in prevention of thromboembolic phenomena in surgical patients. Am Surg 1975;41:761-6 [1203006]

**Athens, 1981:**

Arapakis G, Trovas A, Orphanoudalus Li, Vassilikus P. sulphinyprazone and prevention of postoperative deep venous thrombQis Thromb Haemost 1981;46:401.

**Turpie, 1985:**

Turpie AG, Gent M, Doyle DJ, Saerens E, de Boer AC, Talbot C, McNamee J, Hirsh J An evaluation of suloctidil in the prevention of deep vein thrombosis in neurosurgical patients. Thromb Res 1985;39:173-81 [2992116]

**Lasierra, 1982:**

Lasierra J, Arevalo A, Vilades E, Hebrero J, Espinosa H, Yanguela J, et al. Effect of ticlopidin on the risk of thromboembolic disease in the pistoperation. Haemostasis 1982;12:104.

**Walker, 1974:**

Walker MG. Assessment of effect of ticlopidine on intcidence of deep vein thrombosiu in patients undergoing major surgery Guildford: Sanofi Winthrop, 1983. (Sanofi intemal report 001.6.245.)

Entry terms: Ticlopidine, Ticlopidine Hydrochloride, Ticlodix, Ticlodone, 53-32C, 53 32C, 5332C, Ticlid,

## 2 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.

TrialResults-center is non-profit and self-funded.