

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

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## 1 platelet aggregation inhibitors

Trial	Treatments	Patients	Trials design and methods
<b>Aspirin vs no treatment</b>			
Pasteyer , 1977 n=20/20 follow-up: 2 weeks	Aspirin 1000mg daily + Hep versus control (Hep alone)	Elective orthopaedic surgery	Parallel groups
Rocha , 1986 n=60/30 follow-up: 1 weeks	Aspirin 250mg or 1000mg daily versus control (combination of heparin plus dihydroergotamine)	total hip replacement	Parallel groups open
<b>aspirin + dipyridamol vs no treatment</b>			
Morris-B , 1977 n=32/32 follow-up:	Aspirin 900 mg daily + dipyridamole versus control	elderly patients with hip fractures	Parallel groups open
Lyon-I , 1975 n=20/20 follow-up: 2 weeks	Aspirin 1500 mg daily + Dipyridamole versus control	Elective orthopaedic surgery	
<b>dipyridamol vs no treatment</b>			
Morris-A , 1977 n=24/24 follow-up:	dipyridamole versus control	elderly patients with hip fractures	Parallel groups open
<b>Flurbiprofen vs no treatment</b>			
Mocris-C , 1977 n=20/20 follow-up:	Flurbiprofen versus control	elderly patients with hip fractures	Parallel groups open
<b>Hydroxychloroquine vs no treatment</b>			
Massachusetts-I , 1981 n=50/25 follow-up:	Aspirin 1200mg daily, Aspirin 1200mg daily + hydroxychloroquine 300 mg b.i.d. versus control	patients with upper femoral fractures	Parallel groups open
<b>Aspirin vs placebo</b>			
Zekert-I , 1974 n=138/140 follow-up:	Aspirin 1500mg daily versus placebo	patients undergoing surgery of hip-joint proximal fractures	Parallel groups double-blind
Powers , 1976 n=66/63	A1300 versus placebo	traumatic orthopaedic surgery	

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
Erfurt-B , 1979 n=44/44 follow-up:	A1500 versus placebo	traumatic orthopaedic surgery	double-blind
Stockholm-I , 1975 n=26/25 follow-up: 2 weeks	Aspirin 2000mg daily versus placebo	elective surgery of the hip	double blind
Harris-I , 1977 n=58/59 follow-up: 1 weeks	Aspirin 1200mg daily versus placebo	patients over 40 years of age, who had undergone total hip replacement	Parallel groups double-blind
McKenna-I , 1980 n=24/12 follow-up: 2 weeks	Aspirin 975mg or 3900mg daily versus placebo	total knee replacement	Parallel groups double-blind
Sautter , 1983 n=68/77 follow-up: 3 weeks	Aspirin 900mg daily + sulfipyrazone versus placebo	patient with total hip replacement	Parallel groups
McBride , 1983 n=21/22 follow-up: 1 weeks	A1800+Dipyridamole versus placebo	Elective orthopaedic surgery	
<b>aspirin + dipyridamol vs placebo</b>			
Encke-II , 1976 n=34/25 follow-up:	Aspirin 1500mg daily, Aspirin 990mg daily + dipyridamol versus placebo	patients with abdominal operations	Parallel groups double-blind
Hamburg , 1976 n=21/11 follow-up: 3 weeks	A+Dipyridamole,A1000 versus placebo	Elective orthopaedic surgery	
<b>Hydroxychloroquine vs placebo</b>			
Danish-A , 1976 n=48/50 follow-up:	Hydroxychloroquine sulphate versus placebo	patients with fractures of the hip, pelvis, or thoracolumbar spine	Parallel groups double-blind
Danish-B , 1976 n=27/28 follow-up:	Hydroxychloroquine sulphate versus placebo	patients with fractures of the hip, pelvis, or thoracolumbar spine	Parallel groups
Massachusetts-II , 1976 n=51/51 follow-up: 3 weeks	Hydroxychloroquine 600mg daily versus placebo	fractures or orthopaedic operations involving the skeleton between the knee and the pelvis	
Cooke , 1977 n=25/25 follow-up: 2 weeks	Hydroxychloroquine versus placebo	elective surgery on the hip	Parallel groups double-blind
Hume-A , 1977 n=20/20 follow-up: 2 weeks	Hydroxychloroquine versus placebo	total hip replacement	
Stockholm-II , 1981 n=18/17 follow-up: 2 weeks	Hydroxychloroquine versus placebo	total hip replacement	

continued...

Trial	Treatments	Patients	Trials design and methods
<b>RA233 vs placebo</b>			
65279;Wood , 1973 n=21/9 follow-up:	RA233; Aspirin 600mg daily +RA233 versus placebo	traumatic orthopaedic surgery	
<b>Ticlopidine vs placebo</b>			
McKenna-II , 1983 n=29/29 follow-up: 2 weeks	Ticlopidine versus placebo	Elective orthopaedic surgery	
Lyon-II , 3000 n=20/20 follow-up: 3 weeks	Ticlopidine versus placebo	Elective orthopaedic surgery	
Gardecki , 3000 n=48/46 follow-up: 2 weeks	Ticlopidine versus placebo	Elective orthopaedic surgery	

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## 2 unfractionated heparin

Trial	Treatments	Patients	Trials design and methods
<b>UFH vs no treatment</b>			
<b>Bergqvist , 1979</b> n=84/77	UFH twice daily for 5 days versus no treatment	elective orthopedic surgery	
<b>Bergqvist , 1979</b> n=32/23	UFH twice daily for 5 days versus no treatment	traumatic orthopedic surgery	
<b>Dechavanne , 1974</b> n=29/29	UFH 3 times daily for 10 days versus no treatment	elective orthopedic surgery	
<b>Dechavanne , 1975</b> n=20/21	UFH 3 times daily for 10 days versus no treatment	elective orthopedic surgery	
<b>Galasko , 1976</b> n=50/50	UFH twice daily (duration unknown) versus no treatment	traumatic orthopedic surgery	
<b>Gallus , 1973</b> n=23/23	UFH 3 times daily for A versus no treatment	traumatic orthopedic surgery	
<b>Mannucci , 1976</b> n=23/24	UFH 3 times daily for 7 days versus no treatment	elective orthopedic surgery	
<b>Morris , 1974</b> n=36/36	UFH twice daily for 10 days versus no treatment	elective orthopedic surgery	
<b>Morris , 1977</b> n=24/24	UFH 3 times daily for 10 days versus no treatment	traumatic orthopedic surgery	

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Trial	Treatments	Patients	Trials design and methods
VTCSG , 1975 n=34/30	UFH twice daily for 10 days versus no treatment	elective orthopedic surgery	
Welin-Berger , 1982 n=20/20	UFH twice daily for 7 days versus no treatment	elective orthopedic surgery	
<b>UFH vs placebo</b>			
Abraham-Inpijn , 1975 n=12/13	UFH twice daily for 8 days versus placebo	elective orthopedic surgery	
Hampson , 1974 n=48/52	UFH 3 times daily for 7- 10 days versus placebo	elective orthopedic surgery	
Lahnborg , 1980 n=70/69	UFH twice daily for 10 days versus placebo	traumatic orthopedic surgery	
Moskovitz , 1978 n=29/23	UFH 3 times daily for 7 days versus placebo	traumatic orthopedic surgery	
Moskovitz , 1978 n=35/32	UFH 3 times daily for 7 days versus placebo	elective orthopedic surgery	
Svend-Hansen , 1981 n=65/65	UFH 3 times daily for 14 days versus placebo	traumatic orthopedic surgery	
Williams , 1978 n=106/106	UFH twice daily for 14 days versus placebo	elective orthopedic surgery	
Xabregas , 1977 n=27/26	UFH twice daily for 14 days versus placebo	traumatic orthopedic surgery	

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### 3 About TrialResults-center.org

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