

Clinical trials of ticlopidine

TrialResults-center www.trialresultscenter.org

1 acute myocardial infarction

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs control			
Knudsen-A , 1985 n=24/19 follow-up: 3m	ticlopidine 500mg/d versus placebo	patients with AMI	Parallel groups double blind

More details and results :

- antiplatelets drug for acute myocardial infarction in all type of patients at <http://www.trialresultscenter.org/go-Q390>

References

Knudsen-A, 1985:

Knudsen JB, Kjller E, Skagen K, Gormsen J The effect of ticlopidine on platelet functions in acute myocardial infarction. A double blind controlled trial. Thromb Haemost 1985;53:332-6 [[3901391](#)]

2 cardiovascular prevention

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs placebo			
Ellis , 1986 n=100/103 follow-up: 6 months	Ticlopidine 500 mg/j versus Placebo	AOMI stade II	Parallel groups double blind
Hurlow , 1980 n=30/30 follow-up:	Ticlopidine : 100 -500 mg / jour pendant 2 mois. versus Placebo	Donnes non disponibles	Parallel groups double blind
Berglund , 1985 n=21/17 follow-up: 2m	ticlopidine 500 mg daily versus placebo	middle-aged men with stable incapacitating angina pectoris	parallel groups double blind

continued...

Trial	Treatments	Patients	Trials design and methods
Krause , 1980 n=19/19 follow-up:	Ticlopidine : 500 mg pendant 4 mois versus Placebo	Donnes non disponibles	Parallel groups double blind
Katsumara , 1982 n=93/100 follow-up: 6 semaines	Ticlopidine 500 mg/j versus Placebo	patients with ischemic ulcers due to chronic arterial occlusion	Parallel groups double blind
Birmingham-A , 1979 <i>unpublished</i> n=20/8 follow-up: 2 months	-	-	Parallel groups
Aukland , 1982 n=33/32 follow-up: 1 y	Ticlopidine 500 mg/j versus Placebo	men with atherosclerotic intermittent claudication and haemorheological abnormalities	Parallel groups double blind
London diabetes , 1983 <i>unpublished</i> n=38/40 follow-up: 12 months	-	-	Parallel groups
Stiegler , 1984 n=57/57 follow-up:	Ticlopidine 500 mg/j versus Placebo	AOMI stade II	Parallel groups double blind
TIMAD , 1984 n=220/215 follow-up: 32m	-	-	Parallel groups
BTRS , 1992 n=49/51 follow-up: 48 months	ticlopidine 500mg/d versus placebo	insulin-treated diabetics with background retinopathy	Parallel groups double blind
Nyberg , 1984 n=12/11 follow-up: 12 months	ticlopidine 500mg daily versus placebo	insulin dependent diabetes complicated by nephropathy	Parallel groups double blind
Cloarec , 1986 n=66/66 follow-up: 1 y	Ticlopidine 500 mg/j versus Placebo	AOMI stade non precis	Parallel groups double blind
Arcan , 1988 n=83/86 follow-up: 6 months	Ticlopidine 500 mg/j versus Placebo	patients with chronic intermittent claudication due to obstructive peripheral vascular disease (stade II)	Parallel groups double blind
Balsano , 1989 n=76/75 follow-up: 21 months	Ticlopidine 500 mg/j versus Placebo	patients with intermittent claudication (stade II)	Parallel groups double blind

continued...

Trial	Treatments	Patients	Trials design and methods
STIMS , 1990 n=346/341 follow-up: 5.6 y	Ticlopidine 500 mg/j versus Placebo	patients with intermittent claudication (stade II)	Parallel groups double blind
EMATAP , 1993 n=304/311 follow-up:	Ticlopidine 500 mg/j versus Placebo	AOMI stade non precis	Parallel groups double blind

More details and results :

- antiplatelets drug for cardiovascular prevention in diabetic patients at <http://www.trialresultscenter.org/go-Q220>
- antiplatelets drug for cardiovascular prevention in secondary prevention in patients with intermittent claudication at <http://www.trialresultscenter.org/go-Q275>
- antiplatelets drug for cardiovascular prevention in secondary prevention in patients with CAD at <http://www.trialresultscenter.org/go-Q276>

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Collaborative meta-analysis of randomised trials of antiplatelet therapy for prevention of death, myocardial infarction, and stroke in high risk patients. Antithrombotic Trialists' Collaboration BMJ 2002 Jan 12;324:71-86 [[11786451](#)]

Berglund, 1985:

Berglund U, von Schenck H, Wallentin L Effects of ticlopidine of platelet function in men with stable angina pectoris. Thromb Haemost 1985;54:808-12 [[3911481](#)]

Krause, 1980:

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London diabetes, 1983:

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Oakley NW, Dormandy JA, Flute PT. Guildford: Sanofi Winthrop, 1983:(Internal report 105602-0019.)

Stiegler, 1984:

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TIMAD, 1984:

Mirouze J Agents Actions 1984;15(suppl):230-58

BTRS, 1992:

Ophthalmologica 1992;204:4-12 [1579337]

Nyberg, 1984:

Nyberg G, Larsson O, Westberg NG, Aurell M, Jagenburg R, Blohm G Clin Nephrol 1984;21:184-7 [6705280]

Cloarec, 1986:

Cloarec M et al Double-blind clinical trial of ticlopidine versus placebo in peripheral atherosclerotic disease of the legs Thrombosis Research 1986 suppl VI abstr 316

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Multicenter double-blind study of ticlopidine in the treatment of intermittent claudication and the prevention of its complications. Arcan JC, Blanchard J, Boissel JP, Destors JM, Panak E Angiology 1988 Sep;39:802-11 [3048155]

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EMATAP, 1993:

J Blanchard, LO Carrerars, M Kindermans and the EMATAP group. Results of EMATAP: a dooble-blind placebo-controlled multicentre trial of ticlopidine in patients with peripheral arterial disease. Nouv Rev fr Hematol(1993)35:523-528.

3 stable angina

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs placebo			

continued...

Trial	Treatments	Patients	Trials design and methods
Berglund , 1985 n=21/17 follow-up: 2m	ticlopidine 500 mg daily versus placebo	middle-aged men with stable incapacitating angina pectoris	parallel groups double blind

More details and results :

- antithrombotics for stable angina in all type of patient at <http://www.trialresultscenter.org/go-Q33>

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Berglund, 1985:

Berglund U, von Schenck H, Wallentin L Effects of ticlopidine of platelet function in men with stable angina pectoris. Thromb Haemost 1985;54:808-12 [[3911481](#)]

4 acute coronary syndrome

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs control			
STAI , 1990 n=314/338 follow-up: 6m	ticlopidine 250 mg b.i.d versus untreated control	patients with unstable angina <=48hrs from the pain onset	single blind
Knudsen-A , 1985 n=24/19 follow-up: 3m	ticlopidine 500mg/d versus placebo	patients with AMI	Parallel groups double blind
ticlopidine vs placebo			
Florida UA unpublished n=12/12 follow-up: 14d	-	-	

More details and results :

- antithrombotics for acute coronary syndrome in all type of patients at <http://www.trialresultscenter.org/go-Q24>
- antiplatelets drug for acute coronary syndrome in ACS (excluding AMI) at <http://www.trialresultscenter.org/go-Q169>
- antiplatelets drug for acute coronary syndrome in all type of patients at <http://www.trialresultscenter.org/go-Q346>
- antiplatelets drug for acute coronary syndrome in STEMI patients at <http://www.trialresultscenter.org/go-Q564>

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5 thrombosis prevention

9

Trial	Treatments	Patients	Trials design and methods
Ticlopidine vs placebo			
Lasierra , 1982 n=40/40	Ticlopidine versus placebo	-	double-blind
Walker , 1974 <i>unpublished</i> n=31/33	ticlopidine versus placebo	-	double-blind
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	
McKenna-II , 1983 <i>unpublished</i> n=27/26 follow-up:	Ticlopidine versus placebo	high risk (post CVA) medical patients	Parallel groups double-blind

More details and results :

- antithrombotics for thrombosis prevention in orthopedic surgery at <http://www.trialresultscenter.org/go-Q37>
- antithrombotics for thrombosis prevention in medical patients at <http://www.trialresultscenter.org/go-Q87>
- antithrombotics for thrombosis prevention in general surgery at <http://www.trialresultscenter.org/go-Q92>
- antiplatelets drug for thrombosis prevention in orthopedic surgery at <http://www.trialresultscenter.org/go-Q186>
- antiplatelets drug for thrombosis prevention in general surgery at <http://www.trialresultscenter.org/go-Q461>
- antiplatelets drug for thrombosis prevention in all type of patients at <http://www.trialresultscenter.org/go-Q462>
- antiplatelets drug for thrombosis prevention in medical patients at <http://www.trialresultscenter.org/go-Q463>
- antiplatelets drug for thrombosis prevention in elective orthopedic surgery at <http://www.trialresultscenter.org/go-Q464>

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6 diabetes type 2

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs placebo			
Birmingham-A , 1979 <i>unpublished</i> n=20/8 follow-up: 2 months	-	-	Parallel groups
London diabetes , 1983 <i>unpublished</i> n=38/40 follow-up: 12 months	-	-	Parallel groups
TIMAD , 1984 n=220/215 follow-up: 32m	-	-	Parallel groups
BTRS , 1992 n=49/51 follow-up: 48 months	ticlopidine 500mg/d versus placebo	insulin-treated diabetics with background retinopathy	Parallel groups double blind
Nyberg , 1984 n=12/11 follow-up: 12 months	ticlopidine 500mg daily versus placebo	insulin dependent diabetes complicated by nephropathy	Parallel groups double blind

∞ More details and results :

- antiplatelets drug for diabetes type 2 in patients without cardiovascular disease at <http://www.trialresultscenter.org/go-Q221>
- antiplatelets drug for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q362>

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Birmingham-A, 1979:

unpublished

Pollock A, Wright AD Guildford: Sanofi Winthrop, 1979:(Sanofi internal report 105602-0010)

London diabetes, 1983:

unpublished

Oakley NW, Dormandy JA, Flute PT. Guildford: Sanofi Winthrop, 1983:(Internal report 105602-0019.)

TIMAD, 1984:

Mirouze J Agents Actions 1984;15(suppl):230-58

BTRS, 1992:

Ophthalmologica 1992;204:4-12 [[1579337](#)]

Nyberg, 1984:

Nyberg G, Larsson O, Westberg NG, Aurell M, Jagenburg R, Blohm G Clin Nephrol 1984;21:184-7 [[6705280](#)]

7 stent

Trial	Treatments	Patients	Trials design and methods
ticlopidine + aspirin vs aspirin			
STARS (vs aspirin) , 1998 n=546/557 follow-up:	Ticlopidine 250 mg BID 4 wks Aspirin 325 mg qDDage/pj versus Aspirin 325 mg qD	-	
Hall , 1996 n=13/103	Ticlopidine 250 mg BID 1 mo Aspirin 325 mg qD 5 days versus Aspirin 325 mg qD	-	
ticlopidine + aspirin vs coumadin + aspirin			
STARS (vs coumadin+asp) , 1998 n=546/550 follow-up:	Ticlopidine 250 mg BID x4 wks Aspirin 325 mg qD versus Coumadin INR 22.5 x4 wks Aspirin 325 mg qDBID	-	
FANTASTIC , 1998 n=243/230	Ticlopidine 250 mg BID 6 wks Aspirin 100325 mg qD versus Coumadin INR 2.53.0 6 wks Aspirin 100325 mg qD/pj	-	
ISAR , 1996 n=257/260 follow-up:	Ticlopidine 250 mg BID 4 wks Aspirin 100 mg BIDage/pj versus Coumadin INR 3.54.5 4 wks Aspirin 100 mg BID	-	
MATTIS , 1998 n=177/173	Ticlopidine 250 mg BID 30 days Aspirin 250 mg qD versus Coumadin INR 2.53.0 x30 days Aspirin 250 mg qDg qD/pj	-	
Foussas , 2000 n=203/201	Ticlopidine 500mg qD 1 mo Aspirin 325 mg qD versus Coumadin INR 23 x4 wks Aspirin 325 mg qDg BID	-	

More details and results :

- antithrombotics for stent in all type of patients at <http://www.trialresultscenter.org/go-Q151>

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STARS (vs aspirin), 1998:

Leon MB, Baim DS, Popma JJ, Gordon PC, Cutlip DE, Ho KK, Giambartolomei A, Diver DJ, Lasorda DM, Williams DO, Pocock SJ, Kuntz RE A clinical trial comparing three antithrombotic-drug regimens after coronary-artery stenting. Stent Anticoagulation Restenosis Study Investigators. N Engl J Med 1998;339:1665-71 [9834303]

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8 coronary artery disease

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs placebo			

continued...

Trial	Treatments	Patients	Trials design and methods
Berglund , 1985 n=21/17 follow-up: 2m	ticlopidine 500 mg daily versus placebo	middle-aged men with stable incapacitating angina pectoris	parallel groups double blind

More details and results :

- death and events prevention for coronary artery disease in all type of patients at <http://www.trialresultscenter.org/go-Q450>

References

Berglund, 1985:

Berglund U, von Schenck H, Wallentin L Effects of ticlopidine of platelet function in men with stable angina pectoris. Thromb Haemost 1985;54:808-12 [[3911481](#)]

9 CABG surgery

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs control			
Zurich , 1982 n=50/50 follow-up: 3m	-	-	
Knudsen-B , 1983 n=9/10 follow-up: 6m	-	-	
Romeo , 1983 n=20/20 follow-up: 3m (12m)	-	-	
Kohn , 1990 n=21/24 follow-up: 14d	-	-	
ticlopidine vs placebo			
Lige-I , 1984 n=75/75 follow-up: 3m	ticlopidine 250 mg twice daily versus placebo	patients undergoing aortocoronary bypass graft procedures	double blind
Lige-II , 1987 n=88/87 follow-up: 12m	ticlopidine 250 mg twice daily versus placebo	patients undergoing venous coronary artery bypass grafting	double blind

More details and results :

- antiplatelets drug for CABG surgery in all type of patients at <http://www.trialresultscenter.org/go-Q225>

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Zurich, 1982:

Rothlin ME, Pflger K, Speiser K, Geroulanos SJ, Goebel N, Turina M, et al4 Clinical experience with anti-platelet drugs in aorta-coronary bypass surgery Coronary Artery Disease Today 1982;557:413-9

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10 peripheral vascular diseases

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs contrle			
Bequemini, 1997 n=122/121 follow-up: 24 mois	Ticlopidine (Ticlid, sanofi) 250 mg*2 /j versus placebo	Patients au stade II IV	Parallel groups Double aveugle
ticlopidine vs placebo			
Ellis, 1986 n=100/103 follow-up: 6 months	Ticlopidine 500 mg/j versus Placebo	AOMI stade II	Parallel groups double blind

continued...

Trial	Treatments	Patients	Trials design and methods
Hurlow , 1980 n=30/30 follow-up:	Ticlopidine : 100 -500 mg / jour pendant 2 mois. versus Placebo	Donnes non disponibles	Parallel groups double blind
Krause , 1980 n=19/19 follow-up:	Ticlopidine : 500 mg pendant 4 mois versus Placebo	Donnes non disponibles	Parallel groups double blind
Katsumara , 1982 n=93/100 follow-up: 6 semaines	Ticlopidine 500 mg/j versus Placebo	patients with ischemic ulcers due to chronic arterial occlusion	Parallel groups double blind
Aukland , 1982 n=33/32 follow-up: 1 y	Ticlopidine 500 mg/j versus Placebo	men with atherosclerotic intermittent claudication and haemorheological abnormalities	Parallel groups double blind
Stiegler , 1984 n=57/57 follow-up:	Ticlopidine 500 mg/j versus Placebo	AOMI stade II	Parallel groups double blind
Cloarec , 1986 n=66/66 follow-up: 1 y	Ticlopidine 500 mg/j versus Placebo	AOMI stade non precis	Parallel groups double blind
Arcan , 1988 n=83/86 follow-up: 6 months	Ticlopidine 500 mg/j versus Placebo	patients with chronic intermittent claudication due to obstructive peripheral vascular disease (stade II)	Parallel groups double blind
Balsano , 1989 n=76/75 follow-up: 21 months	Ticlopidine 500 mg/j versus Placebo	patients with intermittent claudication (stade II)	Parallel groups double blind
STIMS , 1990 n=346/341 follow-up: 5.6 y	Ticlopidine 500 mg/j versus Placebo	patients with intermittent claudication (stade II)	Parallel groups double blind
EMATAP , 1993 n=304/311 follow-up:	Ticlopidine 500 mg/j versus Placebo	AOMI stade non precis	Parallel groups double blind

More details and results :

- antiplatelets drug for peripheral vascular diseases in all type of patient at <http://www.trialresultscenter.org/go-Q278>
- antithrombotics for peripheral vascular diseases in after revascularisation at <http://www.trialresultscenter.org/go-Q661>

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11 percutaneous coronary intervention

Trial	Treatments	Patients	Trials design and methods
ticlopidine vs placebo			
TACT , 1990 n=177/173 follow-up: 6m	-	-	Parallel groups
White (ticlopidine) , 1991 n=NA follow-up: 6m	ticlopidine 500, aspirin 650 + D225 versus placebo	-	Parallel groups
ticlopidine + aspirin vs aspirin			
STARS (vs aspirin) , 1998 n=546/557 follow-up:	Ticlopidine 250 mg BID 4 wks Aspirin 325 mg qDDage/pj versus Aspirin 325 mg qD	-	
Hall , 1996 n=13/103	Ticlopidine 250 mg BID 1 mo Aspirin 325 mg qD 5 days versus Aspirin 325 mg qD	-	
ticlopidine + aspirin vs coumadin + aspirin			
STARS (vs coumadin+asp) , 1998 n=546/550 follow-up:	Ticlopidine 250 mg BID x4 wks Aspirin 325 mg qD versus Coumadin INR 22.5 x4 wks Aspirin 325 mg qDBID	-	
FANTASTIC , 1998 n=243/230	Ticlopidine 250 mg BID 6 wks Aspirin 100325 mg qD versus Coumadin INR 2.53.0 6 wks Aspirin 100325 mg qD/pj	-	
ISAR , 1996 n=257/260 follow-up:	Ticlopidine 250 mg BID 4 wks Aspirin 100 mg BIDage/pj versus Coumadin INR 3.54.5 4 wks Aspirin 100 mg BID	-	
MATTIS , 1998 n=177/173	Ticlopidine 250 mg BID 30 days Aspirin 250 mg qD versus Coumadin INR 2.53.0 x30 days Aspirin 250 mg qDg qD/pj	-	

continued...

Trial	Treatments	Patients	Trials design and methods
Foussas , 2000 n=203/201	Ticlopidine 500mg qD 1 mo Aspirin 325 mg qD versus Coumadin INR 23 x4 wks Aspirin 325 mg qDg BID	-	

More details and results :

- antithrombotics for percutaneous coronary intervention in all type of patients at <http://www.trialresultscenter.org/go-Q63>
- antithrombotics for percutaneous coronary intervention in PCI with stent placement at <http://www.trialresultscenter.org/go-Q152>
- antiplatelets drug for percutaneous coronary intervention in all type of patients at <http://www.trialresultscenter.org/go-Q389>

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