

# Clinical trials of beta-blockers for acute myocardial infarction in long term beta-blockers

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## 1 Long term treatment

Trial	Treatments	Patients	Trials design and methods
<b>Propranolol vs control</b>			
<b>Aronow , 1997</b> n=79/79 follow-up: 1 year	Propranolol 30 mg 3 times daily versus no propranolol	patients $\geq 62$ years of age with New York Heart Association functional class II or III CHF, prior Qwave myocardial infarction, and a LV ejection fraction $< 40\%$ after 2 months of treatment with diuretics and ACE inhibitors	Parallel groups USA
<b>Acebutolol vs placebo</b>			
<b>APSI , 1990</b> n=298/309 follow-up: 318 days	Acebutolol 200mg twice daily versus placebo	patient surviving MI at high risk	Parallel groups Double blind France
<b>Alprenolol vs placebo</b>			
<b>Andersen , 1979</b> n=238/242 follow-up: About 1 year	Alprenolol 5-10 mg intravenously, followed by 200 mg twice a day versus placebo	patients years with definite or suspected myocardial infarction	Parallel groups Double blind Denmark
<b>Wilhelmsson , 1974</b> n=114/116 follow-up: 2 years	Alprenolol 200mg twice daily versus placebo	patient aged 57-67 years discharge alive after acute myocardial infarction	Parallel groups Double blind Sweden
<b>Carvedilol vs placebo</b>			
<b>Basu , 1997</b> n=77/74 follow-up: 6 months	Carvedilol target dose 25 mg BID versus placebo	Patients with acute MI $< 24$ h	Parallel groups Double blind UK
<b>Metoprolol vs placebo</b>			
<b>LIT Research Group , 1987</b> n=1195/1200 follow-up: 18 months	Metoprolol 100 mg bid versus placebo	patients, 45 to 74 years of age, surviving a recent acute MI	Parallel groups Double blind USA
<b>Hjalmarson , 1981</b> n=698/697 follow-up: 2 years	Metoprolol 100mg twice daily (initial dose intravenously) versus placebo	patients aged between 40 -74 years with suspected MI and onset of infarction within the previous 48h	Parallel groups Double blind Sweden

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
<b>Manger Cats , 1983</b> n=273/280 follow-up: 1 year	Metoprolol 100mg twice daily versus placebo	MI, NYHA Class I or II and <=70 y	Parallel groups Double blind Netherlands
<b>Rehnqvist , 1983</b> n=154/147 follow-up: 36 months	Metoprolol 100mg twice daily versus placebo	AMI patients <70 years in sinus rythm without complete BBB	Parallel groups Double blind Sweden
<b>Salathia , 1985</b> n=416/384 follow-up: 1 year	Metoprolol 100 mg twice daily for one year (initial dose intravenously) versus placebo	patients with acute myocardial infarction	Parallel groups Double blind UK
<b>Oxprenolol vs placebo</b>			
<b>EIS , 1984</b> n=858/883 follow-up: 1 year	Oxprenolol slow release 160 mg b.i.d. versus placebo	patients 35 to 69 years whohas survived acute myocardial infarction	Parallel groups Double blind Europe
<b>Schwartz (high risk and low risk) , 1992</b> n=485/488 follow-up: 22 months (at least 6mo)	Oxprenolol 160mg daily versus placebo	patients surviving MI with or without complication by either ventricular tachycardia or fibrillation	Parallel groups Double blind Italy
<b>Taylor , 1982</b> n=632/471 follow-up: 48 months	Oxprenolol 40mg twice daily versus placebo	Men 35 to 65 years old who had an acute myocardial infarction between 1 and 90 months reviously	Parallel groups Double blind UK
<b>Pindolol vs placebo</b>			
<b>Australian and Swedish study , 1983</b> n=263/266 follow-up: 2 years	Pindolol 15 mg daily versus placebo	patients who had electrical and/or mechanical complications after an acute myocardial infarction	Parallel groups Double blind Sweden & Australia
<b>Practolol vs placebo</b>			
<b>Multicentre international , 1975</b> n=1533/1520 follow-up: 12 months, up to 24 months	Practolol 200mg twice daily versus placebo	patients recovering from acute myocardial infarction	Parallel groups Double blind UK and overseas
<b>Propranolol vs placebo</b>			
<b>Barber , 1980</b> n=355/365 follow-up: 9 months	Propranolol 40 mg three times a day versus placebo	Men and women with anterior MI	Parallel groups Double blind Europe
<b>BHAT , 1982</b> [NCT00000492] n=1916/1921 follow-up: 25 months	Propranolol 180 or 240 mg/day versus placebo	mean and women who has experienced at least one MI	Parallel groups Double blind USA

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
<b>Hansteen , 1982</b> n=278/282 follow-up: 1 year	Propranolol 40mg four times a day versus placebo	high-risk patients who survived acute myocardial infarction	Parallel groups Double blind Norway
<b>Propranolol or atenolol vs placebo</b>			
<b>Wilcox , 1980</b> n=259/129 follow-up: 1 year	Propranolol 40 mg three times daily(initial dose intravenously) n=132 or atenolol 50 mg twice daily n=127 versus placebo	patients with acute MI within the past 24 hours	Parallel groups Double blind UK
<b>Sotalol vs placebo</b>			
<b>Julian , 1982</b> n=873/583 follow-up: 12 months	Sotalol 320mg once daily versus placebo	patients surviving an acute myocardial infarction	Parallel groups Double blind UK
<b>Timolol vs placebo</b>			
<b>Norwegian Multicentre Study Group , 1981</b> n=945/939 follow-up: 17 months	Timolol 10mg twice daily versus placebo	patients surviving acute myocardial infarction	Parallel groups Double blind Norway

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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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