

Clinical trials of antiarrhythmic drugs for post myocardial infarction in all type of patients

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1 amiodarone

Trial	Treatments	Patients	Trials design and methods
early amiodarone vs control			
BASIS , 1990 n=98/14 follow-up: 65279;12 mo	amiodarone 1 g for 5 d; then 200 mg/d started within 4 weeks of AMI versus no amiodarone (usual care)	patients with persisting asymptomatic complex arrhythmias after myocardial infarction (Lown class 3 or 4b in >2 of 24 h)	Parallel groups open
Navarro-Lopez , 1993 n=115/123 follow-up: 24 mo	amiodarone 600 mg/d for 1 week, 400 mg/d for 1 week then 200 mg/d started 10-30 d after AMI versus no amiodarone	patients who have had MI with a left ventricular ejection fraction of 20 to 45% and >or = 3 ventricular premature complexes per hour (pairs or runs) - 3 VPOs/h, pairs or runs of VT	Parallel groups open Spain
early amiodarone vs placebo			
CAMIAT , 1991 n=NA follow-up: 24 mo	amiodarone 10 mg/kg per d for 3 weeks then 300-400 mg/d started 6-45 d after AMI versus placebo	patients with acute myocardial infarction within the previous 6-30 days and >10 VPDs/h for 18 h or a run of VT	Parallel groups double blind
Ceremuzynski , 1992 n=305/308 follow-up: 12 mo	amiodarone 800 mg/d for 1 week then 200-400 mg/d started 5-7 d after AMI versus placebo	No need for antiarrhythmic therapy	Parallel groups double blind
Hockings , 1987 n=59/70 follow-up: 642 mo	amiodarone 200 mg 3 times daily for 1 wk; then 200 mg/d started <8-10 d after AMI versus placebo	patients with AMI - Absence of VF or VT >3 beats	Parallel groups double blind

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2 antiarrhythmic

Trial	Treatments	Patients	Trials design and methods
class I drugs vs control			
BASIS , 1990 n=100/114 follow-up: 1 year	individualized antiarrhythmic treatment versus no antiarrhythmic therapy	patients with persisting asymptomatic complex arrhythmias after myocardial infarction	Parallel groups open
vs placebo			
CAST I , 1991 [NCT00000526] n=NA follow-up: 10 months	encainide or flecainide versus placebo	post MI patients in whom ventricular ectopy could be suppressed with encainide, flecainide	Parallel groups double blind
azimilide vs placebo			
ALIVE , 2004 n=NA follow-up: 1y	azimilide 100 mg versus placebo	post-MI patients with depressed LVF	Parallel groups double blind
d,l sotalol vs placebo			
Julian , 1982 n=1456 follow-up: 1 year	sotalol 320 mg once daily versus placebo	surviving an acute myocardial infarction	Parallel groups double blind
dofetilide vs placebo			
DIAMOND MI , 1997 n=NA follow-up: >12 months	dofetilide versus placebo	patients with acute myocardial infarction within 7 days and left ventricular systolic dysfunction (EF ≤ 35%)	Parallel groups double blind Danish
moricizine vs placebo			
CAST II (late treatment) , 1992 n=1155 follow-up:	long term moricizine versus placebo	patient survivor to a myocardial infarction whose ventricular premature depolarizations were adequately suppressed by moricizine	Parallel groups double blind
CAST II (early treatment) , 1992 n=665/660 follow-up: 14 days	moricizine for 14 days versus placebo	acute myocardial infarction	Parallel groups double blind

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3 About TrialResults-center.org

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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.

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