

# Clinical trials of resynchronization (CRT) - defibrillators (ICD) for prevention of sudden death in secondary prevention (survivors of cardiac arrest)

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## 1 Implantable cardioverter defibrillator therapy

Trial	Treatments	Patients	Trials design and methods
<b>ICD vs no ICD</b>			
<b>Dutch trial , 1995</b> n=29/31 follow-up: 2 y	ICD versus conventional therapy	survivors of cardiac arrest caused by old myocardial infarction	
<b>CASH , 2000</b> n=99/189 follow-up: 57 months	ICD versus antiarrhythmic agents (amiodarone and metoprolol)	secondary prevention: survivors of cardiac arrest secondary to documented ventricular arrhythmias	Parallel groups open
<b>AVID , 1997</b> [NCT00000531] n=507/509 follow-up: 18.2 months	ICD versus class III antiarrhythmic drugs, primarily amiodarone	secondary prevention: patients who had been resuscitated from near-fatal ventricular fibrillation or who had undergone cardioversion from sustained ventricular tachycardia	Parallel groups open
<b>CIDS , 2000</b> n=328/331 follow-up: 36 months	ICD versus amiodarone	secondary prevention: patients with resuscitated VF or VT or with unmonitored syncope	Parallel groups

## References

### Dutch trial, 1995:

Wever EF, Hauer RN, van Capelle FL, Tijssen JG, Crijns HJ, Algra A, Wiesfeld AC, Bakker PF, Robles de Medina EO Randomized study of implantable defibrillator as first-choice therapy versus conventional strategy in postinfarct sudden death survivors. *Circulation* 1995 Apr 15;91:2195-203 [[7697849](#)]

### CASH, 2000:

Kuck KH, Cappato R, Siebels J, Rppel R Randomized comparison of antiarrhythmic drug therapy with implantable defibrillators in patients resuscitated from cardiac arrest : the Cardiac Arrest Study Hamburg (CASH). *Circulation* 2000;102:748-54 [[10942742](#)]

### AVID, 1997:

A comparison of antiarrhythmic-drug therapy with implantable defibrillators in patients resuscitated from near-fatal ventricular arrhythmias. The Antiarrhythmics versus Implantable Defibrillators (AVID) Investigators. *N Engl J Med* 1997;337:1576-83 [[9411221](#)]

### CIDS, 2000:

Connolly SJ, Gent M, Roberts RS, Dorian P, Roy D, Sheldon RS, Mitchell LB, Green MS, Klein GJ, O'Brien B Canadian implantable defibrillator study (CIDS) : a randomized trial of the implantable cardioverter defibrillator against amiodarone. *Circulation* 2000;101:1297-302 [[10725290](#)]

Entry terms: catheter ablation

## 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.