

# Clinical trials of resynchronization (CRT) - defibrillators (ICD) for heart failure in patients with non ischaemic cardiomyopathy

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## 1 Combined CRT + ICD

Trial	Treatments	Patients	Trials design and methods
<b>Combined CRT + ICD vs no CRT no ICD</b>			
<b>AMIOVIRT , 2003</b> n=51/52 follow-up: 24 months	ICD versus amiodarone as medical therapy	patients with non ischemic cardiomyopathy with EF <=0.35 and Nonsustained ventricular tachycardia	Parallel groups open

## References

### AMIOVIRT, 2003:

Strickberger SA, Hummel JD, Bartlett TG, Frumin HI, Schuger CD, Beau SL, Bitar C, Morady F Amiodarone versus implantable cardioverter-defibrillator: randomized trial in patients with nonischemic dilated cardiomyopathy and asymptomatic nonsustained ventricular tachycardia—AMIOVIRT. J Am Coll Cardiol 2003;41:1707-12 [[12767651](#)]

## 2 Implantable cardioverter defibrillator therapy

Trial	Treatments	Patients	Trials design and methods
<b>ICD vs no ICD</b>			
<b>CAT , 2002</b> n=50/54 follow-up: 66 months	ICD versus no iCD, conventional therapy	patients with recent onset nonischemic cardiomyopathy with EF <=0.30	Parallel groups open
<b>DEFINITE , 2004</b> n=229/229 follow-up: 29 months	ICD versus no ICD, standard medical therapy	patients with non ischemic cardiomyopathy with EF <0.36 and Nonsustained ventricular tachycardia or frequent premature ventricular complexes	Parallel groups open

## References

### CAT, 2002:

Bnsch D, Antz M, Boczor S, Volkmer M, Tebbenjohanns J, Seidl K, Block M, Gietzen F, Berger J, Kuck KH Primary prevention of sudden cardiac death in idiopathic dilated cardiomyopathy: the Cardiomyopathy Trial (CAT). Circulation 2002;105:1453-8 [[11914254](#)]

### DEFINITE, 2004:

Kadish A, Dyer A, Daubert JP, Quigg R, Estes NA, Anderson KP, Calkins H, Hoch D, Goldberger J, Shalaby A, Sanders WE, Schaechter A, Levine JH Prophylactic defibrillator implantation in patients with nonischemic dilated cardiomyopathy. N Engl J Med 2004;350:2151-8 [[15152060](#)]

Albert CM, Quigg R, Saba S, Estes NA 3rd, Shaechter A, Subacius H, Howard A, Levine J, Kadish A Sex differences in outcome after implantable cardioverter defibrillator implantation in nonischemic cardiomyopathy. *Am Heart J* 2008;156:367-72 [18657670]

Entry terms: catheter ablation

### 3 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.