RAFT 2010

NCT00251251

1 Treatments

Studied treatment  ICD plus CRT

Control treatment  ICD alone

Concomittant treatments  -

Age (mean), years  66.1 y

Men (%)  83%

cross over to ICD (%)  -

cross over to medical treatment (%)  -

2 Patients

Patients  patients with New York Heart Association (NYHA) class II or III heart failure, a left ventricular ejection fraction of 30% or less, and an intrinsic QRS duration of 120 msec or more or a paced QRS duration of 200 msec or more

Inclusion criteria  NYHA class II or III symptoms of heart failure despite optimal medical therapy; left ventricular ejection fraction of 30% or less from ischemic or nonischemic causes, an intrinsic QRS duration of 120 msec or more or a paced QRS duration of 200 msec or more; sinus rhythm or permanent atrial fibrillation or flutter with a controlled ventricular ventricular rate (<=60 beats per minute at rest and <=90 beats per minute during a 6-minute walk test) or planned atrioventricular-junction ablation after device implantation), and planned ICD implantation for indicated primary or secondary prevention of sudden cardiac death

Exclusion criteria  major coexisting illness; recent cardiovascular event

Ischaemic cause (%)  66.8%

beta-blocker use (%)  89.7%

ACE-I or ARB use (%)  96.6%

Spironolactone use (%)  41.7%

Blinding endpoint comittee  -

nonischemic cardiomyopathy (%)  33.2%
3 Methods

Blinding   double-blind

Design   Parallel groups

Centers   34

Geographical area   Canada, Europe, Turkey, Australia

Sizes   894/904

duration of CHD   -

4 Results

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>T1</th>
<th>T0</th>
<th>d</th>
<th>95% CI</th>
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<tbody>
<tr>
<td>death or nonfatal CHF events</td>
<td>297/894</td>
<td>364/904</td>
<td>0,83</td>
<td>[0,68; 1,00]</td>
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<td>Heart failure hospitalizations</td>
<td>174/894</td>
<td>236/904</td>
<td>0,75</td>
<td>[0,60; 0,93]</td>
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<td>All cause death</td>
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<td>236/904</td>
<td>0,80</td>
<td>[0,64; 0,99]</td>
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<td>heart failure death</td>
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<td>-/904</td>
<td>NA</td>
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<td>sudden cardiac death</td>
<td>-/894</td>
<td>-/904</td>
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5 References
