CARRPO 2009

NCT00159991

1 Treatments

Studied treatment  total arterial revascularization using internal thoracic and radial arteries

Control treatment  conventional revascularization using left internal thoracic artery and vein grafts

Concomittant treatments  left internal thoracic artery graft

recipient vessel of the RA graft  choose by surgeon

Age (y)  59 y

Female (%)  11.8%

No. of distal anastomoses  -

Duration of cardiopulmonary bypass  -

2 Patients

Patients  patients with multivessel or isolated left main disease referred for elective or urgent CABG

Inclusion criteria  patients with isolated LM or two- or three-vessel disease (>=50% stenosis) referred for elective or urgent CABG (more than one graft planned); 70 years of age; left ventricular ejection fraction >35%

Exclusion criteria  -

nonelective surgery  -

Stenosis of left main coronary artery (%)  -

3 Methods

Blinding  open

Design  Parallel groups

Centers  -

Geographical area  -

Sizes  161/170
### One-vessel disease 1.2%

### Two-vessel disease 29.3%

### Three-vessel disease 61.3%

#### 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>cardiac events</td>
<td>37/161</td>
<td>43/170</td>
<td>0.91</td>
<td>[0.55; 1.50]</td>
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<tr>
<td>graft occlusion</td>
<td>-/161</td>
<td>-/170</td>
<td>NA</td>
<td>-</td>
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<tr>
<td>all cause death</td>
<td>1/161</td>
<td>2/170</td>
<td>0.53</td>
<td>[0.05; 5.88]</td>
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<tr>
<td>graft patency</td>
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<td>-/170</td>
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<td>-</td>
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<tr>
<td>cardiac death</td>
<td>1/161</td>
<td>0/170</td>
<td>3.17</td>
<td>[0.13; 78.33]</td>
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</tbody>
</table>

#### 5 References