Gaudino (RITA) 2005

1 Treatments

**Studied treatment** right internal thoracic artery on the first obtuse marginal artery

**Control treatment** great saphenous vein graft on the first obtuse marginal artery

Concomittant treatments

**recipient vessel of the RA graft** -

**Age (y)** -

**Female (%)** 64y

**No. of distal anastomoses** -

**Duration of cardiopulmonary bypass** first obtuse marginal artery

2 Patients

**Patients** coronary artery bypass patients with previous in-stent restenosis (n=60) or not (n=60)

**Inclusion criteria** primary elective isolated CABG; previous percutaneous coronary angioplasty with successful stent implantation in any coronary vessel >=1.2 mm in diameter at least 1 month before surgery with preoperative angiographic demonstration of failed or patent intracoronary stent; angiographic evidence of triple-vessel coronary artery disease with a diseased obtuse marginal artery type I according to the classification proposed by Mc Alpine et al; good preoperative left ventricular function (ejection fraction >=0.50); no preoperative evidence or history of lateral or posterolateral myocardial infarction

**Exclusion criteria**

nonelective surgery 17.5%

Stenosis of left main coronary artery (%) -

3 Methods

**Blinding** open

**Design** Parallel groups

**Centers** single center

**Geographical area** Italy

**Sizes** 40/40
One-vessel disease

Two-vessel disease

Three-vessel disease

4 Results

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>T1</th>
<th>T0</th>
<th>d</th>
<th>95% CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>cardiac events</td>
<td>-/40</td>
<td>-/40</td>
<td>NA</td>
<td>-</td>
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<tr>
<td>graft occlusion</td>
<td>3/40</td>
<td>15/40</td>
<td>0,20</td>
<td>[0,05; 0,76]</td>
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<tr>
<td>all cause death</td>
<td>-/40</td>
<td>-/40</td>
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<td>-</td>
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<tr>
<td>graft patency</td>
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<td>25/40</td>
<td>1,48</td>
<td>[0,39; 5,65]</td>
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<tr>
<td>cardiac death</td>
<td>-/40</td>
<td>-/40</td>
<td>NA</td>
<td>-</td>
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5 References