EVAR TRIAL 1 2005

ISRCTN55703451

A randomised clinical trial investigating the effect of endovascular repair versus open repair in aneurysms of at least 5-5 cm in diameter

1 Treatments

**Studied treatment**
- endovascular aneurysm repair
  - 272 (51%) Zenith (Cook, Copenhagen, Denmark); 177 (33%) Talent (Medtronic, Minneapolis, MN, USA); 35 (7%) Excluder (Gore, Flagstaff, AZ, USA); 19 (4%) AneuRx (Medtronic); 15 (3%) Quantum or Teramed (Cordis, Waterloo, Belgium); six (1%) Edwards Lifepath (Edwards Lifesciences, Saint-Prex, Switzerland); four (1%) EVT (Guidaut, Indianapolis, IN, USA); two (1%) Bard device (Bard, New Jersey, NJ, USA); one (1%) Anson Aorfix (Lombard Medical, Oxford, UK); one (1%) Endologix (Endologix, Irvine, CA, USA); one (1%) Baxter device (Baxter, Deerfield, IL, USA)

**Control treatment**
- open repair

**Concomittant treatments**
- 

2 Patients

**Patients**
- aneurysms of at least 5-5 cm in diameter

**Inclusion criteria**
- 

**Exclusion criteria**
- 

3 Methods

**Blinding**
- open

**Design**
- Parallel groups

**Centers**
- 37

**Geographical area**
- UK

**Sample size**
- 1252 (626 / 626)

**ArretTrt1**
- 

**ArretTrt0**
- 

**PeriodeInclusion**
- 

**Hypothese**
- 

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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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</thead>
<tbody>
<tr>
<td>death from any cause and reintervention</td>
<td>-/626</td>
<td>-/626</td>
<td>NA</td>
<td>-</td>
</tr>
<tr>
<td>In hospital aneurysm-related death</td>
<td>-/543</td>
<td>-/549</td>
<td>NA</td>
<td>-</td>
</tr>
<tr>
<td>30-day death</td>
<td>9/531</td>
<td>24/516</td>
<td>0,36</td>
<td>[0,17; 0,79]</td>
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<td>Long term mortality</td>
<td>100/543</td>
<td>109/549</td>
<td>0,93</td>
<td>[0,69; 1,25]</td>
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<td>long term aneurysm-related death</td>
<td>19/543</td>
<td>34/549</td>
<td>0,56</td>
<td>[0,32; 1,00]</td>
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<td>In hospital death</td>
<td>21/543</td>
<td>46/549</td>
<td>0,46</td>
<td>[0,27; 0,78]</td>
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</tbody>
</table>

5 References


6 Comments