References


9. DePuy Synthes data on file

All analysis was carried out by DePuy Synthes, the NJR do not vouch for the accuracy of the interpretation.

DePuy Synthes

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Incorporated and registered in Scotland under company number SC132162.

depuysynthes.com

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The C-STEM AMT Triple Taper Stabilised Hip builds upon the clinical success of the original C-STEM Hip and its unique triple tapered highly polished design.1

The functional intramedullary geometry of original C-STEM has been maintained whilst the extra-medullary geometry has been enhanced with a raised lateral shoulder and the addition of the 12/14 ARTICUL/EZE® Mini-Taper.

Launched in 2005 the C-STEM AMT has been implanted in over 11,000 total hip replacements in the UK alone.9

C-STEM AMT & ELITE PLUS™ cemented cup is shown to have a 98.56% survival rate at 7 years in over 3000 cases.3 In combination with the PINNACLE cementless cup it is shown to have a 97.89% survival rate at 7 years in just under 3000 cases.3

<table>
<thead>
<tr>
<th>Combination</th>
<th>Implantations</th>
<th>Year 1</th>
<th>Year 3</th>
<th>Year 5</th>
<th>Year 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-STEM AMT Cemented Stem/ELITE PLUS Cemented Cup</td>
<td>3,054</td>
<td>0.59 (0.36-0.94)</td>
<td>1.02 (0.69-1.51)</td>
<td>1.25 (0.85-1.82)</td>
<td>1.44 (0.94-2.20)</td>
</tr>
<tr>
<td>C-STEM AMT Cemented Stem/PINNACLE</td>
<td>2,984</td>
<td>0.91 (0.62-1.34)</td>
<td>1.34 (0.95-1.89)</td>
<td>2.11 (1.47-3.03)</td>
<td>2.11 (1.47-3.03)</td>
</tr>
</tbody>
</table>

National Joint Registry for England, Wales and Northern Ireland. Revision rates (all-cause) for main hip stem and cup combinations (95% confidence intervals).

Note: Blue italics signify that fewer than 250 cases remained at risk at these time points.

C-STEM AMT, used in combination with the PINNACLE cementless cup is shown to have a 98.2% survival rate at 5 years in more than 1100 cases.6

Combination | Implantations | Year 1 | Year 3 | Year 5  |
-------------|---------------|--------|--------|---------|
C-STEM AMT Cemented Stem/PINNACLE | 1,147 | 0.5 (0.2-1.1) | 1.4 (0.7-2.5) | 1.8 (0.9-3.4) |

Australian Orthopaedic Association National Joint Replacement Registry. Yearly Cumulative Percent Revision of Primary Total Conventional Hip Replacement with Cementless Fixation (95% confidence intervals).