EARLY RESULTS CONFIRM
Clinical and Economic Value of the ATTUNE® Knee System

Comprehensive Evidence Generation

The ATTUNE® Knee System represents the largest research and development project in the history of DePuy Synthes, backed by a comprehensive evidence generation program that encompasses clinical and patient reported outcomes as well as health economics studies.

Positive Early Registry Results

The Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR) and National Joint Registry for England, Wales, Northern Ireland and the Isle of Man (NJR) both publish annual reports with outcomes data at set intervals of one, three, five-year and beyond. However, additional implant survivorship data is now available more frequently to manufacturers who subscribe to the AOANJRR Automated Industry Report System (AIRS) and NJR Implant Summary Report services. The below data are from the most recent reports obtained by DePuy Synthes.

AOANJRR

<table>
<thead>
<tr>
<th>Implant</th>
<th>Survivorship at Four Years</th>
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<tbody>
<tr>
<td>ATTUNE CR Knee</td>
<td>97.8%</td>
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<tr>
<td>ATTUNE PS Knee</td>
<td>97.7%</td>
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The CR ATTUNE Knee AIRS report indicates that there is a 23% lower likelihood of revision for the first 2.5 years and 57% lower likelihood of revision after 2.5 years follow-up, compared to all other total knee (p<0.005 for entire period).1

The PS ATTUNE Knee AIRS report indicates that there is a 27% lower likelihood of revision at four years follow-up, compared to all other total knee (HR=0.73: 0.59, 0.91, p=0.004).2

The five year cumulative percent revision estimates for the CR ATTUNE Knee and PS ATTUNE Knee are based on a sample size of 174 and 247 patients, respectively.3

NJR

<table>
<thead>
<tr>
<th>Implant</th>
<th>Survivorship at Five Years</th>
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<tbody>
<tr>
<td>ATTUNE CR Knee</td>
<td>97.4%</td>
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The independent analysis of 24,963 ATTUNE Knee implantations in the NJR Implant Summary Report, showed that the cumulative revision rate (CRR) for the ATTUNE Knee is 2.6% (95% CI: 2.1, 3.2%) at five years (97.4% implant survivorship at five years), which is in line with the overall class of total knee replacement of 2.2% (2.2, 2.2%) CRR at five years.3 The 6 year estimated cumulative rate of revision for the ATTUNE Knee is currently based on a sample size of 135 patients.3

Value-Based Healthcare: From Hospital to Home

39% lower odds of patient discharge to a skilled nursing facility for those patients implanted with an ATTUNE Knee, compared to those patients who received a TKA with a Triathlon® Knee, according to the results of a large U.S. hospital administrative database review.4

Going home following TKA vs. being discharged to a skilled nursing facility may potentially impact patient satisfaction and reduce health care costs.4

Improvements in Patient Reported Outcomes

Results from two world wide studies showed improved point estimates of mean outcomes for PROMs and American Knee Society Score (AKS) were all equal or better for the ATTUNE Knee compared to a leading knee brand at both 1 and 2-years follow-up.5 Four independent studies demonstrated improved patello-femoral outcomes, including reduced incidence of symptomatic crepitus when compared to the well performing SIGMA® Knee.6-9

Innovative ATTUNE Knee Features Help Address Unmet Needs

60+ patents in the U.S. granted for key inventions related to the ATTUNE Knee Implants and Instruments.

ATTUNE GRADIUS™ Curve

Geometry of the curve is designed to address the unnatural sliding of the femur on the tibia, to provide smooth motion and stability during everyday activities.10

GLIDERIGHT™ Articulation

Four independent studies demonstrated improved patello-femoral outcomes, including reduced incidence of symptomatic crepitus while maintaining optimal patella motion.8-9

www.ATTUNEevidence.com
www.provingthepromise.com
References


Disclaimer: AOANJRR is confident in the accuracy of the data included in this report, at the time it was provided. However, it was generated using an automated reporting system and has not been reviewed by the AOANJRR personnel.

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