

A Million ATTUNE Knees Under Our Belt

This article has been machine-translated through Microsoft Azure translation. Please forgive any grammatical errors.

DePuy Synthes recently honored its 125th anniversary year – a quasiquicentennial anniversary marked with determination and commitment to keeping people moving through innovations that advance patient care in orthopaedics. As our population ages, here in Europe, people already have a 45% “lifetime risk” for knee osteoarthritis (OA) and those aged 80 and over are soon to outnumber those under 5 years old, two to one

The fact that we have been able to help improve or restore mobility for so many individuals through one million Attune Knee System implantations puts a new stamp on our orthopedic passport.

“Data-driven innovation and surgical workflow improvements, fueled by new digital technologies and systems, will help drive our TKR outcomes headfirst into the next significant wave of advancement for the knee space, as well as the overall orthopedics industry.”



Torbjorn Skold, Vice President of Joint Reconstruction

Outcomes like this do not come around every day; rather, they are the result of years of dedication of DePuy Synthes employees and the visionary experts we rely on to help us design, test and introduce our products. Our team of devoted orthopaedic experts from around the world are proud of every physical movement made possible by their advancements, a success which was simply demonstrated in November 2020 by the National Joint Registry for England, Wales, Northern Ireland and the Isle of Man presenting a 7-year survivorship rate equivalent to 97.9%, with 32,155 knees implanted.

We also recently published a [comprehensive white paper](#) entitled “Advancing Patient Outcomes and Economic Value in Total Knee Arthroplasty: The Evidence of the Attune® Knee System.” Authored by Dr. David Fisher, an orthopaedic surgeon in the US, and Professor David Parkin, a health economic expert based in the UK. In the white paper, Dr. Fisher and Professor Parkin concluded that, “**Based on available data, the ATTUNE Knee appears to be advancing outcomes for patients and creating value for clinicians, providers and payors in a challenging and dynamic healthcare environment.**”

Our knee implants combine the latest in design, kinematics, engineering and materials

The comprehensive Attune® Knee System represents one of the largest R&D projects in the history of DePuy Synthes Joint Reconstruction and it continues to evolve together with the orthopaedics field, heading into **a new era of digital technologies with our Velys™ Digital Platform.**

The Velys™ Digital Platform is an evolving platform of connected technologies. It leverages data insights for our patients, surgeons and health care systems in many settings including preoperative planning mid-surgical planning, and post-operatively, with the use of artificial intelligence. **Following the 510 (k) FDA approval of the Velys™ Assisted Robotic Solution an overwhelmingly exciting future lies ahead.**

With a strong pedigree of success behind the Attune® knee platform and the introduction of Velys™ we are sure to be sharing more milestones for DePuy Synthes soon!

Sarah R. Kingsbury, Hillary J. Gross, Gina Isherwood, Philip G. Conaghan, Osteoarthritis in Europe: impact on health status, work productivity and use of pharmacotherapies in five European countries, *Rheumatology*, Volume 53, Issue 5, May 2014, Pages 937–

947, <https://doi.org/10.1093/rheumatology/ket463>.

<https://academic.oup.com/rheumatology/article/53/5/937/1798271>, last accessed November 2020

The Lancet. Huge shifts in global age structure. <https://www.thelancet.com/infographics/gbd2019>, last accessed November 2020

National Joint Registry for England, Wales, Northern Ireland and the Isle of Man. Implant Summary Report for DePuy ATTUNE CR and ATTUNE PS. NJR Database extract 5 November 2020. Licensed for use until 21 March 2021