The DePuy Knee Revision Portfolio offers surgeons a comprehensive array of implant options for cases that require varying levels of constraint. From moderate soft tissue laxity and minor bone defects through end-stage revision, and all systems can be combined with the M.B.T. Revision tray.

DePuy’s comprehensive Revision Knee portfolio
Reduce loosening forces with rotating platform\textsuperscript{1,2}

SIGMA TC3 RP has been shown to reduce torque stresses by up to 87\% versus a constrained fixed bearing device.\textsuperscript{3}

Goldstein et al. presented simulator data which are very encouraging with respect to the damage and wear that occurs to MB constrained polyethylene liners as compared with FB controls. To put this into the clinical perspective, less surface and post wear can translate into lower rates of osteolysis and wear, as well as less stress on fixation interfaces. These facts become more important in a more constrained knee as a TC3 if the increased frequency of knee revision surgery is realised, particularly in a more active population. The simulator data help us conclude that there is an advantage of MB as compared with FB knee revision surgery.\textsuperscript{4}

Address instability from bone loss with metaphyseal sleeves

The stepped metaphyseal sleeves compensate for substantial cavity defects, compressively load the bone and provide a solid foundation for implant stability.\textsuperscript{5,6}

Compensate for severe bone loss

The DePuy Revision System forms the platform for progressive compensation of moderate to severe bone loss. A combination of trays, augments and stem options allow the surgeon to gain implant stability.

Efficient surgical technique

Provides simplified surgical approaches to handle a multitude of situations encountered in the OR.

\begin{itemize}
  \item Same canal preparation throughout the systems
  \item Same broaching technique throughout the various levels of constraint
  \item Same tibial preparation regardless of the level of constraint needed
  \item High Performance Revision Instrumentation designed to make complex revisions easier
\end{itemize}