Zimmer® Unicompartmental High Flex Knee System

The simple approach to proven performance
Zimmer® Unicompartmental

Simply Innovative

Extended Posterior Condyle

Angled Femoral Pegs

2 Optimally Positioned Pegs

Round-on-Flat Articulation

Anatomic Shape

3 Points of Tibial Fixation

Durable Fixation
No revisions for loosening at 13 and 15 years.*

2 Optimally Positioned Femoral Pegs

› Femoral Peg location changes by size for optimal fixation

Angled Femoral Pegs

› Angled femoral pegs are designed to enhance femoral fixation by providing resistance to loosening forces during flexion up to 118°

3 Points of Tibial Fixation

› 2 hour-glass pegs and the rotational fin guard against shear and rotational forces

*Based upon clinical papers on M/G® Uni SM Zimmer UKA has similar fixation design features as the M/G Uni.
Natural Kinematics
The Zimmer Uni Knee is designed to replicate the kinematics of the natural knee with normal axial rotation and posterior femoral rollback.

Extended Posterior Condyle
› Safely Accommodates High Flexion up to 155°

Round-on-Flat Articulation
› Unconstrained design allows soft tissues to dictate motion of the knee
› Round-on-Flat articulation allows +/- 8° varus-valgus tilt without edge loading

Patient Matching
Anatomically shaped tibial and femoral components are designed to provide maximum bone coverage.

Universal Compatibility
› Improved patient matching
› 42 possible sizing combinations

Comprehensive Sizing
› 7 femoral sizes and 6 tibial sizes
› Size specific articular surfaces offered in 1mm thickness increments
Simply Versatile

Lateral & Bi-compartmental Clinical Solutions
Freedom to perform medial, lateral, and bi-compartmental procedures.

Lateral
› A study on the use in the lateral compartment showed no revisions at 12 years.4

Bi-compartmental
› 35 different sizing combinations to accommodate varying patient anatomies
› Independently oriented components allow precise alignment and rotation

Gender Solutions® NexGen® Patello-Femoral Joint (PFJ)

Reproducible Instrumentation Options
Reproducible instruments reduce the learning curve reported with other unicompartmental knee systems.

3 Instrument Options
Same Great Implant
› Reproducible spacer block, extramedullary, and intramedullary instrumentation options allow surgeons to customize their surgical procedure
› The spacer block technique simplifies the balancing process by linking the tibial and femoral cuts

Enhance Precision with Navigation
› The Zimmer Uni Knee is compatible with Zimmer navigation solutions designed to improve precision and efficiency

Zimmer Unicompartmental High Flex Knee
Clinical Results

The Zimmer Unicompartmental High Flex Knee System is based on the established implant design of the M/G Unicompartmental Knee System.

Yearly Cumulative Percent Revision of Primary Unicompartmental Knee Replacement

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Note: There is insufficient follow up to report a one year CPR for the Oxford 3/Oxford combination

Zimmer Unicompartmental Knee

- 6 Years 100%

M/G Unicompartmental Knee Survivorship

- 10 Years 98%
- 13 Years 95%
- 15 Years 95%
Reference:
2. Berger et al. The Progression of Patellofemoral Arthrosis after Medial Unicompartmental Replacement. *CORR* 2004
3. Berger et al. Results of Unicompartmental Knee Arthroplasty at a Minimum of Ten Years of Follow-up. *JBJS* 2005

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