

Taking advantage of a rich clinical heritage

Beginning with the AGC® and continuing with the Maxim®, Biomet's total knee systems have a long and rich clinical heritage.

With the introduction of the Vanguard™ Complete Knee System, Biomet has taken this proven clinical heritage and combined it with new state-of-the-art design features to produce the most comprehensive total knee system available today. With the introduction of Microplasty™ and Premier™ Instrumentation platforms and advancements such as our patented Slidex™ Technology, the Vanguard™ Complete Knee System is the surgeon's ally in exceeding the demands of today's active joint replacement patient.



FLK149



Premier
Total Knee Instrumentation

Instrument Options

Microplasty
minimally invasive knee instruments



Posterior Stabilised
Knee System



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Posterior Stabilised Knee System

PS Femoral Features

Compressively Loaded Tibial Locking Mechanism: Provides proven resistance to tibial micromotion

Direct Compression Moulded ArCom®: Provides proven wear resistance

Raised Anterior Lip: Provides enhanced femoral rotational stability

Patellar Tendon Relief: Facilitates increased range of motion

Optimal Sizing Rationale: Nine plate sizes provide superior tibial coverage

Interchangeable Constraint Bearing Options: PS or PS plus can be utilized with PS femur

True Dome Patella Groove: More forgiving in malalignment

Reduced Anterior Flange: Provides retinacular relief

Conservative Proportional Box Resection: Preserves bone

Cam Extension: Provides increased resistance to dislocation

Deep Trochlear Groove: Reduces patella forces in deep flexion

Optimized Posterior Condyles: Accommodate up to 145° flexion without additional bone resection

Rounded Sagittal Profile: Reduces soft tissue forces in mid flexion

Advanced Cam and Spine Engagement: Provides superior dislocation resistance and wear performance

Extended Trochlear Groove: Allows the patella to maintain full contact with the femur in deep flexion

Enhanced range of femoral components for optimal sizing

Fully interchangeable femoral and tibial sizes

Independent posterior and distal augmentation

1:1 tibial/femoral coronal congruency

PS Tibial Features