Constraint without Compromise

Traditionally, when intraoperative conditions presented the need for greater levels of medial and lateral stability, a trade-off in outcome was required, forcing the surgeon to choose stability over motion. The pioneering technologies of JOURNEY II TKA, demonstrated to improve functional outcomes, kinematic replication and patient satisfaction, have now expanded to address more complex primary total knee options.[1]

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JOURNEY® II TKA

Total Knee System

Supporting healthcare professionals

The Proprietary Advantage

Normal position

- Designed to recreate normal anterior femoral position and patellar angle in full extension
- Anatomic femoral shape designed to restore lateralized patellar track
- Designed to reduce early-flexion instability through proprietary anterior cam and mid-flexion stability through native joint-line restoration

High-performance kinematics

- Radiused corners allow for up to 10° of internal-external femoral rotation to promote native kinematics[2]
- Allows up to 3° varus-valgus freedom[3] matching extension laxity measured in normal healthy adults[5]
- Anatomic tibial geometry and asymmetrical femoral posterior cam designed to encourage external femoral rotation in flexion (see image)
- 1mm polyethylene thickness increments for precision balancing

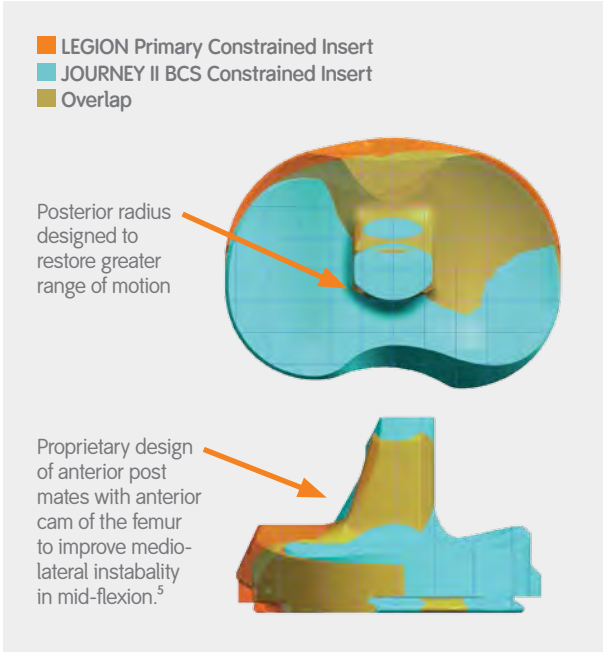
Intraoperative flexibility

- No additional femoral preparation required
- When mated with a LEGION Revision baseplate with JOURNEY lock detail, allows all flexibility of LEGION Wedges, Stems and Offset Couplers
- A stem is recommended on the tibia for JOURNEY II Constrained inserts

Normal motion

- Designed to allow for higher levels of external rotation to more closely match native kinematics

Insert Option	Varus/ Valgus	Internal/External Rotation
JOURNEY® II Constrained[5]	+/- 3°	+/- 10°
LEGION® Constrained	+/- 2.5°	+/- 3.5°
PERSONA CPS[4]	+/- 1.5°	+/- 5.5°
NexGen LCCK	+/- 1.25°	+/- 2.0°



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Reference:

1. Phil Noble et al; Does total knee replacement restore normal knee function? 2005; CORR. (431): 157-65. **2.** Scott CE, Howie CR, MacDonald D, Biant LC; Predicting dissatisfaction following total knee replacement: a prospective study of 1217 patients. J Bone Joint Surg Br. 2010 Sep;92(9) **3.** Huch K, Müller KA, Stürmer T, Brenner H, Puhl W, Günther KP. Sports activities 5 years after total knee or hip arthroplasty: the Ulm Osteoarthritis Study. Ann Rheum Dis. 2005 Dec; 64 (12):1715-20. **4.** Comparing patient outcomes after THA and TKA: is there a difference? Bourne RB, Chesworth B, Davis A, Mahomed N, Charron K. Clin Orthop Relat Res. 2010 Feb; 468(2):542-6. Epub 2009 Sep 4. **5.** LifeMOD KneeSim (California)