

Simplified Constraint. Stability in Motion.



OPTETRAK[®]
LOGIC

PSC-Posterior
Stabilized Constrained

When Innovation and Intuition Align.

Optetrak Logic® is an advanced approach to total knee replacement that includes modern design features and intuitive instrumentation while building on the wisdom of a strong design lineage. The system provides a simple way to adjust the level of constraint provided by the implant. Optetrak Logic PS tibial inserts are designed to allow soft tissues and the remaining collateral ligaments to contribute to the stability of the knee. Logic PS Constrained (PSC) tibial inserts are available when increased varus/valgus and rotational constraint is required from the implant. Both PS and PSC inserts are compatible with Logic PS femoral components and Logic Fit tibial trays.

LOGIC PSC

- Tibial spine geometry optimized for increased constraint
- Provides 3° varus/valgus constraint
- Provides 4° internal/external rotational constraint

LOGIC PS AND PSC INSERTS

- Compatible with Logic PS femoral components simplifying constraint adjustment
- Net compression molded polyethylene proven to provide low wear¹
- Optimized congruencies shown to minimize contact stress²
- Tibial locking mechanism designed to reduce micro-motion³
- Compatible with Logic Fit tibial trays, allowing the option to use stem extensions



Logic PS Tibial Insert

Logic PSC Tibial Insert

References:

1. **Furman, B.D., Bhattacharyya, S., Li, S.** A Comparison of Degradation of UHMWPE for Shelf Aged and Implanted UHMWPE Components. Trans. 27th Ann. Meeting Soc. Biomaterials, 459, 2001.
2. **Bartel DL, Bicknell VL, Wright TM.** The Effect of Conformity, Thickness, and Material on Stresses in Ultra-High Molecular Weight Components for Total Joint Replacement. *J Bone Joint Surg* 1986;68-A(7):1041-1051.
3. **Jayabalan P, Furman B, Cottrell J, Wright T.** Backside wear in modern total knee design. *HSSJ.* 2007;3:30-4.

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A Great Day in the O.R.™