COMPLETE KNEE SYSTEM
The Klassic PS-Post Knee is a modern universal design that offers seven sizes of femurs, six sizes of tibial inserts and baseplates, and five sizes of patellae to accommodate a variety of patient anatomy and provide a precision fit. The system requires only one tray of streamlined instrumentation for up to 90% of surgeries in order to reduce O.R. time and sterilization costs, help reduce the incidence of infection, and optimize efficiency and ergonomics, without preoperative imaging, templating, or disposables. Modularity permits stems and augments to offer a variety of surgical options for each patient's anatomy throughout an Evolution of Stability with the bone conservation of a primary implant.

KLASSIC® PS-POST™ FEMUR
The PS-Post Femur features a patented trochlear groove that allows exceptional patellar tracking along a 9° double Q-angle on both left and right anatomy. The femur offers anatomically tapered posterior condyles, a thin anterior flange, a proportional AP/ML ratio, and a neutral anterior flange shape to minimize potential lateral overhang. Modular femoral pegs are available for further stabilization.

BONE PRESERVING DESIGN
The Klassic PS-Post Femur offers a low-profile, bone conserving implant. The low volume anatomical resection of the PS-Post is an industry-leading design for bone conservation, reducing stress risers and fracture potential. An anatomical reamer preparation helps to reduce the risk of condylar fracture while supporting a 14mm minimum jump height.

RESECTION VOLUME
- - - TJO Klassic® PS-Post™
- - - - Persona
- - - - - Attune
- - - - - - Triathlon
- - - - - - - - Vanguard
CONFORMING CONGRUENCY
The M/L edges of the tibial baseplate and inserts have matching conforming geometry to provide consistent polyethylene thickness all the way to the peripheral edges. One-to-one sizing for femur/insert articulation maximizes congruency and optimizes mid-flexion stability.

INSERT LOCKING MECHANISM
The Klassic Tibial Insert locking mechanism combines a tibial set screw, anterior snap, M/L constraints, and a polished tray to minimize backside wear. The insert features an anti-backout mechanism to ensure retention of the screw.

ANATOMICALLY OPTIMIZED TIBIAL BASEPLATE WITH MODULAR FEATURES
The tibial baseplate is designed to optimally cover the tibial plateau using a universal geometry. The sweptback keel offers 4° of posterior slope and features modularity to allow for stem extensions and augments.

KLASSIC® PATELLA
The geometrically forgiving Klassic Domed and Klassic Sombrero Patellae optimize patellofemoral contact area during tracking.

PS-POST™ POSTERIOR STABILIZED INSERT
The PS-Post insert restores natural gait throughout the range of motion. A congruent anterior articulation provides mid-flexion stability, and the curve of the femur is engineered to provide a gentle hand-off to the post for smooth, kinematic roll-back.

E-LINK® VITAMIN E STABILIZED POLY
E-Link Poly is cross-linked at 10 MRads, quenching free radicals generated during the cross-linking process, yielding oxidative stability, and increasing strength without brittleness. E-Link has shown improved wear characteristics over standard polyethylene.


3 US Patents 9,289,305 and D755,971

4 Study in collaboration with Dartmouth Biomedical Engineering Center. Data forthcoming

*Not available for sale in the US