

**F R E E D O M<sup>®</sup>**



**K N E E**



**Freedom Total Knee<sup>®</sup> System  
System Overview**



The Freedom Total Knee® System was developed using advanced design engineering technologies and clinical experience to address the anatomical, physiological and lifestyle needs of today's patients. The system's significant design advances allow patients to achieve optimal high-flexion motion regardless of whether the all-poly or metal-backed tibial component is chosen. This approach provides surgeons with unique component options that deliver successful, predictable and reproducible results.

### FEMORAL COMPONENTS TECHNOLOGY

- Choice of cruciate retaining (CR) or posterior stabilized (PS) components using the same instrumentation.
- Preserves bone while promoting high flexion.
- Thin anterior flange for bone preservation.
- Six-degree angle of patellar groove assures smooth patellar tracking.
- Optimal tibio-femoral conformity in extension, with proper rotational freedom in flexion.
- Left/right components each available in eight sizes that match with several tibial sizes to accommodate patient needs.
- Cobalt chromium molybdenum alloy material.



Femoral Components

### TIBIAL INSERTS TECHNOLOGY

- An all-poly tibial component specifically designed for high flexion and cleared by the US FDA.
- Ultra High Molecular Weight Polyethylene (UHMWPE) tibial inserts are available in CR, PS and UC (ultra congruent) options.
- Designed using advanced computer modeling technology to reproduce natural knee kinematics while accommodating anatomic femoral rollback and internal rotation.
- Features a deep anterior patellar cut-out to allow for tendon clearance during deep flexion.
- All-poly tibial component offers an excellent alternative to metal-backed tibial design.
- Ultra-congruent component design features prominent anterior and posterior lips that aids in prevention of anterior subluxation and in resisting posterior translation of femur.



Tibial Inserts

## TIBIAL BASEPLATE TECHNOLOGY

- Cobalt chromium alloy tibial baseplate is shaped for optimal stability in deep flexion with a low profile keel.
- Locking mechanism features “5 points of peripheral locking” to ensure security and reduce potential for micro-motion.
- Universal tibial baseplate accommodates left and right sides as well as CR and PS liners.

## ALL-POLY PATELLA COMPONENT

- UHMWPE material with symmetric design for optimal tracking within the patellar groove of the femoral component.
- Available in a selection of diameters and thicknesses to ensure proper sizing for each patient.
- Central cement recess and three-peg design ensures best bone interface and optimal stability.

## SIZING INNOVATION

The FreedomTotal Knee® System offers surgeons the freedom to customize their size options to better fit the implant to the patient’s knee, allowing for adequate flexion-extension spacing, optimal tension in the quadriceps muscle mechanism, appropriate coverage of the resected bone surface to support even stress distribution, and smooth tracking of the patella in the trochlear groove during flexion.

Key innovations include:

- Incorporates an innovative design that redefines the high-flexion arc of the femur while limiting bone resection along the posterior condyles of the femur.
- Provides a deeper patella-femoral groove for natural patella tracking with or without resurfacing the patella.
- Offers multiple size options that feature dynamically proportioned M/L and A/P femoral components in CR and PS options.



Tibial Baseplate

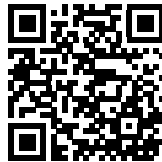


Patella Component

# Pursue Life™

For more information about Freedom® Knee, please contact your local representative.

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## Freedom Total Knee® System (CR and PS)

Rx only



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Carefully read all instructions and be familiar with the surgical techniques prior to use.

Please see the package insert for complete device description, product selection information, indications, contraindications, precautions, adverse effects, warnings, materials, sterilization and patient guidance associated with the Freedom Total Knee® System.

**CAUTION:** THIS DEVICE IS RESTRICTED TO SALE BY OR ON THE ORDER OF A LICENSED PHYSICIAN

**WARNING:** THIS DEVICE IS INTENDED FOR CEMENTED USE ONLY

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