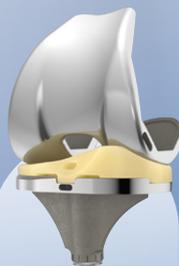


5C[®] Knee System



CR



LATic



MEDic



PS



implantcast

Connection through Innovation

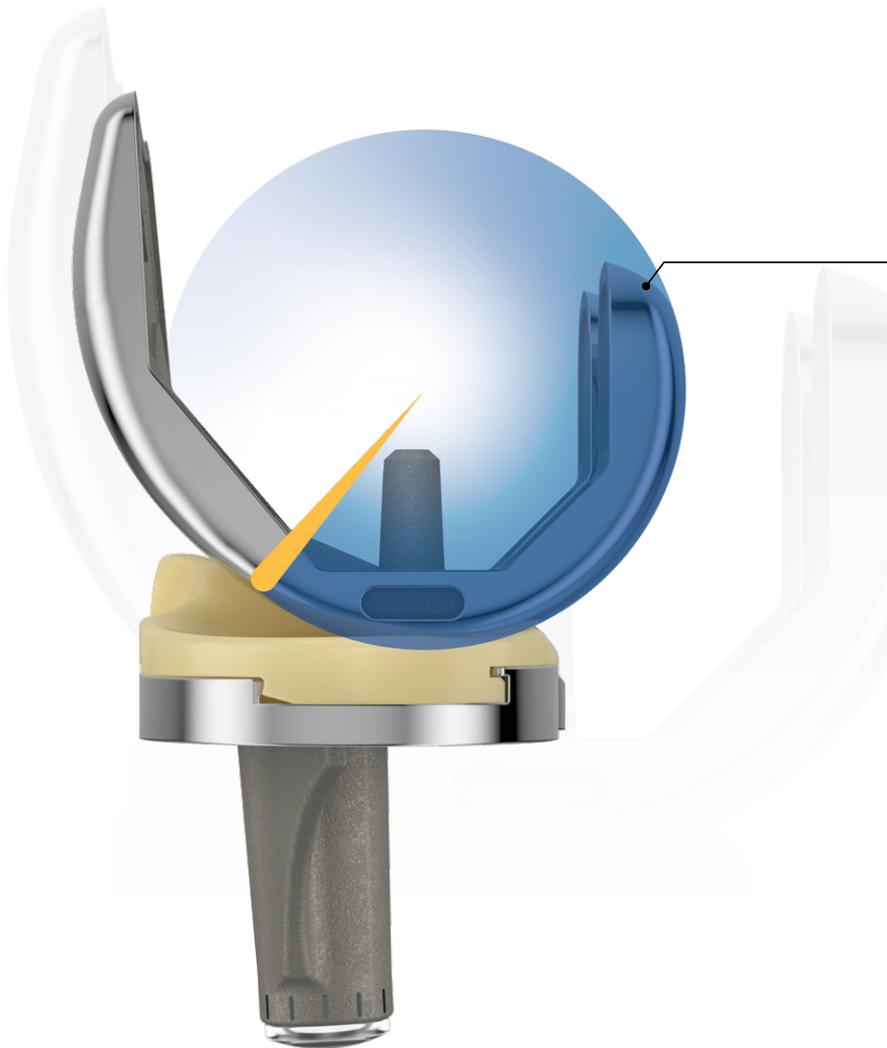
Developed by implantcast in collaboration with experts from five continents, the **5C[®]** Knee System (5 Continents) represents global expertise and forward-thinking design.

With four distinct system variants, each tailored to a specific kinematic principle, the system offers individualized solutions for a wide range of anatomical and functional needs.

Instability, patellofemoral complications, and symptoms resulting from poor fit or paradoxical kinematics are among the leading causes of revisions and patient dissatisfaction following total knee arthroplasty. The **5C[®]** knee system directly addresses these challenges through a functionally driven design.

Milestones 5C[®]





Functional Stability

by single-radius design



Patella-Friendly Design

through high sulcus angle



Uncompromising Kinematics

by coordinated congruency
between femur and PE insert



Ultra-Slim Design

only 8 mm implant thickness



Precise Fit

thanks to finely graduated size

Systematic Individualization



Anatomically Optimized Fit

posterior referencing with a flat anterior patella shield



High-Flexion Concept

maximizes flexion range and enhances function in deep knee flexion



Individualized Kinematics

unified anatomical tibial component with four femur and PE variants, tailored to different motion patterns



5C[®] CR (cruciate retaining)

Four



5C[®] LATic (lateral stabilized)



5C[®] MEDic (medial pivot)



5C[®] PS (posterior stabilized)

r Options for Optimal Care

Uncompromising in Design – Reliable in Performance



Standardized Components

identical preparation with only 8 mm femoral and 9 mm tibial resection



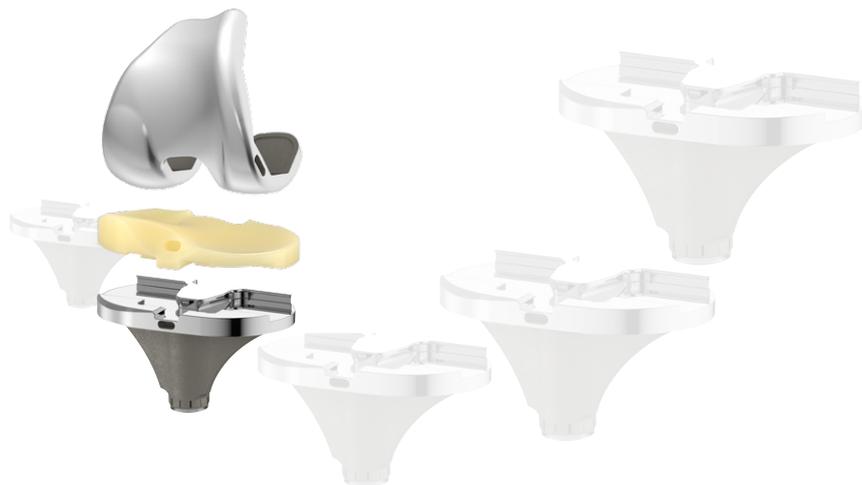
Reproducibility by Design

the femoral component defines the size of the PE insert



Flexible Compatibility

cross-size combination of PE inserts and five tibial components





Fewer Trays, Greater Efficiency

only four streamlined containers for fast and efficient handling



Tailored Precision

ergonomic, functional and intuitive instruments for individualized adjustment



Technology-Driven Implantation

image-free navigation and collaborative robotics for optimal outcomes



walk with us

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