

ACS[®] Uni Mobile Bearing



Unicondylar treatment

The **ACS®** Uni MB is a unicondylar knee system that is designed to preserve the natural kinematics of the knee joint after reconstruction of the joint line. The system is characterized by its high degree of congruency between the femoral component and the PE insert, which is floating on the tibial component.



Multi-radius design

anatomical fit of the femoral component



Reduced metal ion release

titanium nitride (TiN)-coated CoCrMo implant components^{1,2}



Mobile Bearing

PE insert freely movable on the tibial component

¹ Dempwolf H (2013) Entwicklung und Charakterisierung neuartiger PVD-Beschichtungen zur Allergievermeidung und Verschleißminderung in der Endoprothetik, Bachelorarbeit Universität, Rostock

² Baumann A. (2001) Keramische Beschichtungen in der KTEP Standardlösung für Allergiker. JATROS Orthopädie & Rheumatologie 6: 16-17



Femoral component

- multi-radius (J-curve) design with two pegs and a fin for optimal stability
- cemented: **implavit®** (CoCrMo according to ISO 5832-4) with TiN-coating
- cementless: **implavit®** (CoCrMo according to ISO 5832-4) with TiN-coating and cpTi on the bone-facing surface
- 4 sizes in a symmetrical prosthesis design

PE insert

- freely movable with high congruency to the femoral component
- UHMWPE according to ISO 5834-2
- 4 sizes with 9 heights each

Tibial component

- centered fin for bone anchoring
- cemented: **implavit®** (CoCrMo according to ISO 5832-4) with TiN-coating
- cementless: **implavit®** (CoCrMo according to ISO 5832-4) with TiN-coating and cpTi on the bone-facing surface
- 8 sizes in a symmetrical design

walk with us

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