

CEMENTLESS KNEE WITH BIOFOAM[®] COATING



Discover the Complete Cementless Fixation

MicroPort Orthopedics' Evolution® Medial-Pivot Cementless Knee Portfolio addresses the entire knee construct, including the femur, the tibia, and the patella. The femoral component utilizes porous sintered beads, and the tibial component is designed with BioFoam® Coated Cancellous Titanium to encourage bone apposition and fixation. The Patella component utilizes porous sintered beads.

Match Patient Expectations

After a total knee replacement surgery, patients often hope and expect to return to their previous active lifestyles. The Evolution[®] Medial-Pivot Cementless Knee, combined with BioFoam[®] Coated technology, can match these expectations.¹

Cost Savings and Operational Efficiency

CEMENTLESS TKA COULD SAVE ON AVERAGE NEARLY \$750 PER CASE

• On average, 12 minutes less of tourniquet time with cementless fixation²

- \$62.13 average cost savings due to no cement needed³
 - No change to surgical flow or technique required

Cementless Femoral Component



Sulcus has a single porous sintered bead layer



Anterior & Posterior Chamfer have multiple bead layers



Same articulating surface as cemented Evolution[®] CS Knee femur



8 sizing options for left and right

BioFoam[®] Coated Tibial Component



Screw and screw-less bases available

8 sizing options

3 modular keel sizes

BioFoam[®] Coated Cancellous Titanium

Representing a new generation in cementless fixation, the structure of BioFoam® Coating resembles trabecular bone and acts as a biological scaffold designed to allow early bone fixation without compromising the long-term demands of today's increasingly active patients.¹

> BioFoam[®] Coated Roughened Bone Interface

Bone Fixation

200x Magnification

- Porosity is between 60-70%
- Full Interconnecting Porosity
- Manufactured from Commercially Pure (CP) Titanium Metal
- Osteoconductive Matrix

The True Medial-Pivot

The Evolution[®] Medial-Pivot Knee System's unique design replicates the simple pivoting motion found in a natural knee, reproducing the bending, rotating, and twisting of a healthy knee.

The Medial-Pivot Knee System has demonstrated higher patient satisfaction compared to traditional knee designs, and has shown higher patient preference when compared to other knee replacement designs on the market.^{4,6}



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FOR MORE INFORMATION Visit: www.microportortho.com Call: (866)-872-0211 Email: info@ortho.microport.com

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MicroPort Orthopedics Inc. 5677 Airline Road Arlington, TN USA 38002 866 872 0211

microportortho.com

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