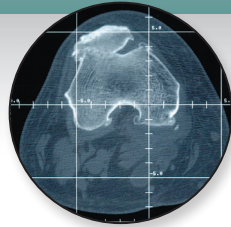


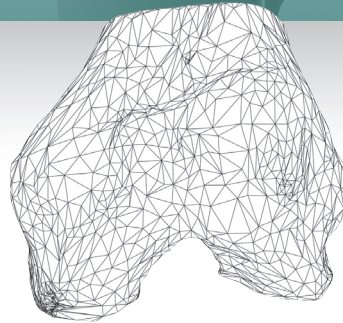
# Looking For A Proven Solution To End-Stage Patello-Femoral Arthritis?

Sometimes a total knee replacement is more surgery than your patient needs.

As Easy As...



1. CT Scan



2. Virtual Model of Patient Anatomy



3. Implant Custom-Made for Patient Anatomy

## KineMatch®

### Patient-Matched Patello-Femoral Replacement

A patient-matched design based on CT data allows the **KineMatch** femoral component to precisely fit your patient without the need for bone resection, yielding a truly conservative, bone-sparing solution. The custom design also provides for “decoupling” of the bone-fitting and the articular surfaces of the implant so that proper tracking of the patella can be better addressed.

#### Clinically Proven

25 implants, mean follow-up **6.1 years**. Results: 18 Excellent, 7 Good, 100% survivorship, no additional surgeries. At an average of **11.3 years**, all 25 implants were still in place and all patients reported being ‘Very Satisfied’ with their PFR.

Sisto (2006) Custom patellofemoral arthroplasty of the knee. JBJS.

Sisto (2011) Custom patellofemoral arthroplasty: 11 Year Follow-Up. ORS.

#### Simpler

Each implant is custom-fit to the patient’s femoral anatomy using CT data, thereby eliminating the need for femoral bone resection, thus preserving bone stock. Customization also allows for restoration of normal kinematics while reducing the potential for soft-tissue impingement and other fit-related problems associated with off-the-shelf devices.

Grelsamer (2012) Patient-specific patellofemoral arthroplasty. Recent Advances in Hip and Knee Arthroplasty.

#### Faster

The custom fit simplifies and speeds implantation of the prosthesis. A matching custom drill guide is provided to efficiently determine position and create peg-holes, eliminating the need to resect femoral bone. The surgeon’s attention can then be focused on optimizing patellar tracking.

Sisto (2007) Custom patellofemoral arthroplasty: surgical technique. JBJS.



KineMatch Patient-Matched PFR

*“This patient specific design and manufacturing technique ensures accurate and precise anatomic fit while simultaneously providing proper patellofemoral alignment and medial lateral constraint.”*

*Adolph V. Lombardi, Jr., M.D., F.A.C.S.  
New Albany, Ohio  
Joint Implant Surgeons, Inc.*



Quality Care. Clinically Proven.

For more information or to schedule an evaluation:  
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