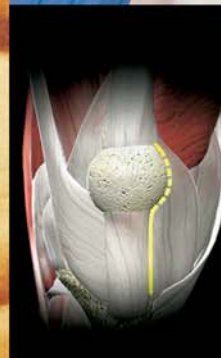




**ZIMMER®**  
**MIS™ QUAD-SPARING™**  
**TKA PROCEDURE**

At The Forefront  
Of Innovation



Zimmer MIS Instruments  
And Procedures Are  
Innovatively Transforming TKA  
To Enhance Quality Of Life

## MIS Friendly Solutions — Quad-Sparing Procedure

Zimmer *Minimally Invasive Solutions*™ (MIS™) procedures are changing today's patients' lives—patients who come from diverse cultures, enjoy active lifestyles, and face unique physical, leisure, and workplace demands. Zimmer NexGen® high flex total knee replacement components combined with the *MIS Quad-Sparing*™ TKA procedure safely accommodate the greater ROM expected by today's active patient and may help to enhance their quality of life.



## Zimmer MIS Innovations Are At The Forefront Of Minimally Invasive TKA Instruments And Procedure Design.

**The MIS Quad-Sparing TKA instruments are designed to allow implantation through a smaller incision with less soft tissue disruption:**

- Without violating the quadriceps mechanism.
- Without violating the supra patella pouch or everting the patella
- Without sacrificing the accuracy and reproducibility of the bone cuts<sup>1,2</sup>

### Early Postoperative Outcomes

A two-year study<sup>3</sup> of 130 *MIS Quad-Sparing* total knee arthroplasties compared outcomes to a matched group of standard total knee arthroplasties and found:

- A 20° improvement in ROM at the first post-op office visit.
- No radiologic difference in post-op valgus alignment.

### Total Teamwork – Total Support

The Zimmer Institute, in true teamwork with the surgeon, provides hands-on training and transfer of knowledge to bring the benefits of minimally invasive surgery to joint replacement patients.



THE ZIMMER INSTITUTE





**LPS**<sup>TM</sup>  
Minimally Invasive  
Solutions

# quad-sparing<sup>TM</sup>

A MIS Procedure Designed To Enhance Quality Of Life



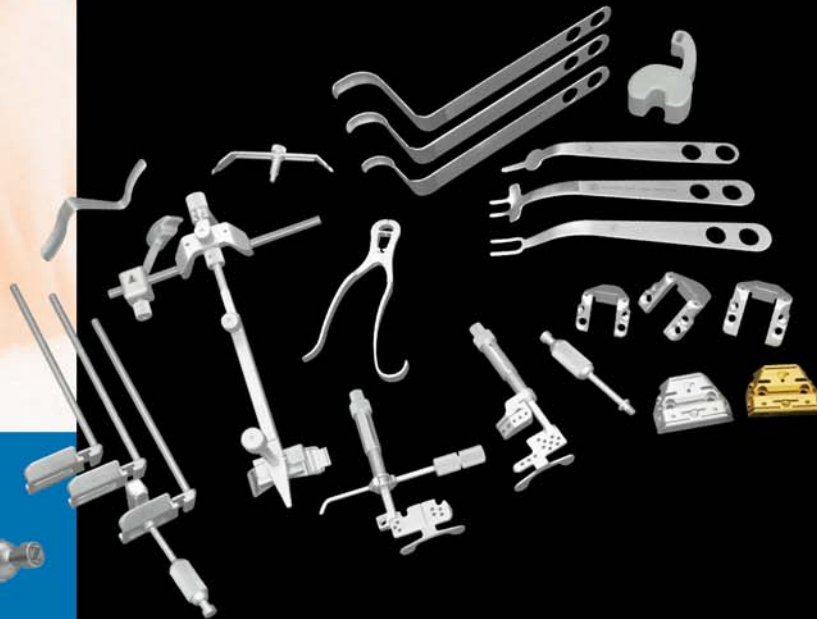
## NexGen Flex Knees: Design- Specific Solutions for CR and PS

The NexGen CR-Flex and Legacy<sup>®</sup> LPS-Flex Fixed Bearing Knees are designed to safely accommodate high flexion, allowing for a maximum active (under load) flexion of 155°.



## Instrumentation Designed Specifically For MIS Surgery.

Innovative, easy to use instruments are designed specifically for use with smaller incisions and provide for reproducible bone cuts and accurate insertion of implants.



- 1 Tria AJ. Advancements in minimally invasive total knee arthroplasty. Orthopaedics. 2003 supplement.
- 2 Tria AJ, Coon TM. Minimal incision total knee arthroplasty: Early experience. Clin Orthop Rel Res. 2003;416:185-190.
- 3 Sumner DR, Turner TM, Dawson D, et al. Effect of pegs and screws on bone ingrowth in cementless total knee arthroplasty. Clin Orthop Rel Res. 1994;309:150-55.

Contact your Zimmer Representative or visit us at [www.zimmer.com](http://www.zimmer.com).



**zimmer**  
Confidence in your hands™