Proven Clinical Results - Small Incision Friendly

Less soft tissue disruption, no violation of the quadriceps mechanism, no patella eversion, same accuracy and reproducibility – that has been the design goal of the Zimmer Minimally Invasive Solutions™ (MIS™) Quad-Sparing™ TKA instruments.

The NexGen Precoat Pegged Tibial Plate supports Zimmer's vision in MIS products and surgical techniques. With its proven clinical history in the Zimmer M/G® and M/G II® Total Knee Systems, the NexGen Precoat Pegged Tibial Plate is MIS procedure friendly and addresses many issues relating to surgical procedure, implantation, and future revision TKA.

- Low-profile design simplifies insertion into the small incision/opening required for the MIS Quad-Sparing procedure.
- Superior stability with minimal bone removal.¹ ²
- 20 years of excellent clinical results.³

**Standard Incision**
20-30cm (Quad-Split)

**MIS Quad-Sparing Incision**
7-10cm (No Quad-Snip)

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**MIS Quad-Sparing TKA**
The NexGen Precoat Pegged Tibial Plate is easily inserted into an MIS Quad-Sparing procedure arthrotomy.
Standing the Test of Time
The NexGen Precoat Pegged Tibial Plate is proven to have excellent long-term clinical results. The clinical performance of the NexGen knee has been followed for 7 years in a prospective, open, multi-center outcomes study consisting of 11,257 patients and 13,250 cases collected by 243 surgeons throughout the United States. Annual radiographic follow-up to 5-years shows the incidence of radiolucency to be very infrequent for pegged tibial plates.

Percent Radioluency by Zone

<table>
<thead>
<tr>
<th>Pegged Tibia</th>
<th>1 Year n=629</th>
<th>2 Year n=343</th>
<th>3 Year n=189</th>
<th>4 Year n=63</th>
<th>5 Year n=68</th>
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Pegged Tibia Zones

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<tr>
<th>Year</th>
<th>Medial 1</th>
<th>Medial 2</th>
<th>Medial 3</th>
<th>Medial 4</th>
<th>Medial 5</th>
<th>Medial 6</th>
<th>Lateral 1</th>
<th>Lateral 2</th>
<th>Lateral 3</th>
<th>Lateral 4</th>
<th>Lateral 5</th>
<th>Lateral 6</th>
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</table>

Percent

Fewer Tibial Preparation Steps
The NexGen Precoat Pegged Tibial Plate requires no drilling and broaching of the tibial IM canal. Also, no insertion of a separate provisional tibial plate is necessary (the tibial sizing plate serves double-duty as a provisional).

No Invasion of Tibial IM Canal
The NexGen Precoat Pegged Tibial Plate does not invade/pressurize the tibial IM canal, minimizing the potential for fat emboli. Its tibial preparation approach conserves more bone versus traditional stemmed tibial plates, preserving bone stock if/when revision TKA is needed.

Minimizing Cortical Impingement in Tibial IM Canal
The low profile design of the NexGen Precoat Pegged Tibial Plate helps minimize the potential for A/P cortical impingement inside the tibial IM canal and allows the surgeon to cut the proximal tibia at the angle of their choice. Keeled plates offer less flexibility on posterior slope cut angles because the keel can more easily impinge/perforate the tibial cortex in the IM canal.

No Holes Mean No Cold Flow
There are no holes in the NexGen Precoat Pegged Tibial Plate, eliminating the possibility of polyethylene cold flow into screw holes.

1 Sumner DR, Kienapfel H, Jacobs J, et al. Bone ingrowth and wear debris in well-fixed cementless porous-coated tibial components.
3 Miller/Galante, MG II, and NexGen Knees clinical experience in open surgical procedures.