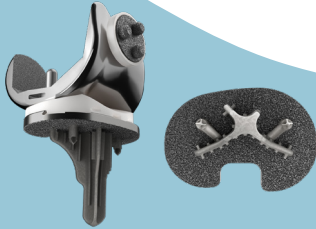
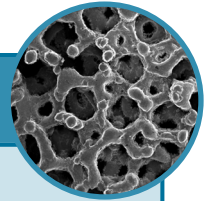


# Why choose LEGION<sup>◇</sup> CONCELOC<sup>◇</sup> Cementless Total Knee System (TKS)?

Stable fixation at 2 years,<sup>1</sup> which is predictive of long-term stability<sup>2</sup>



- Stable fixation of the tibial baseplate has been achieved by 6 months and is sustained through 2 years,<sup>1</sup> which is predictive of long-term stability<sup>2</sup>
- The tibial baseplate comprises of CONCELOC Technology, a fully randomised porous structure that mimics cancellous bone to allow biological in-growth<sup>3,4</sup>

LEGION medial stabilised inserts are designed to optimise kinematics and stability



LEGION medial stabilized inserts are designed to improve kinematics and maintain stability, with or without the posterior cruciate ligament\*

Personalise TKA with CORI<sup>◇</sup> Surgical System



- CORI Surgical System enables each TKA to be personalised to surgeon preferences and individual patient anatomy, including real-time planning and gap assessment
- Randomised controlled trials have shown Smith+Nephew robotic-assisted TKA outperformed conventional methods for accuracy of limb and implant alignment, and soft tissue handling<sup>5-7</sup>

# LEGION<sup>◇</sup> CONCELOC<sup>◇</sup> Cementless TKS demonstrates stable fixation and high survivorship at 2 years

Evidence from clinical studies has shown:

**Stable fixation**

through 2 years<sup>1</sup>

**98.5% survivorship<sup>8</sup>**

**Significantly improved PROMs**

(1-year follow-up; versus pre-operative scores,  $p < 0.001$ )<sup>9</sup>

These new studies build on the proven clinical history of CONCELOC technology<sup>†</sup>



## Tibial baseplate migration using radiostereometric analysis<sup>1</sup>

Number of patients: 30  
Patient age (years, mean): 66  
BMI (kg/m<sup>2</sup>, mean): 30.6

### Primary outcome:

Change in maximum total point motion (MTPM) of the tibial baseplate

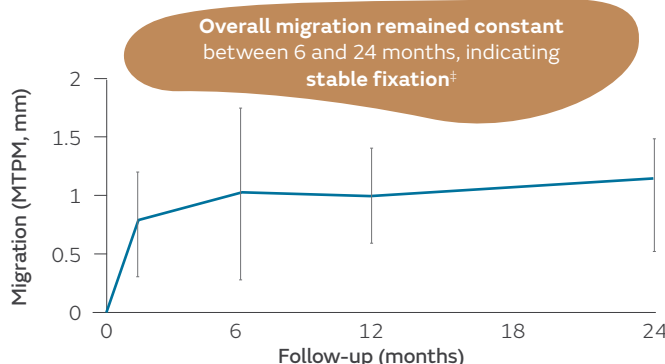


Figure 1. Tibial baseplate migration (mean MTPM) up to 24 months

LEGION CONCELOC TKS demonstrated **stable fixation** by 6 months, which remained constant through 2 years,<sup>1</sup> a result that is predictive of long-term stability<sup>2</sup>

## Outcomes from clinical studies<sup>8,9</sup>

Retrospective single-centre study of 135 patients aged 58 years (mean)<sup>8</sup>



**98.5% survivorship<sup>8</sup>**

LEGION CONCELOC TKS demonstrated high 2-year survivorship,<sup>8</sup> with patient-reported outcomes showing early improvements that were sustained through 1 year compared to pre-operative scores.<sup>9</sup>

Prospective multi-centre study (interim analysis) of 153 patients aged 63 years (mean)<sup>9</sup>

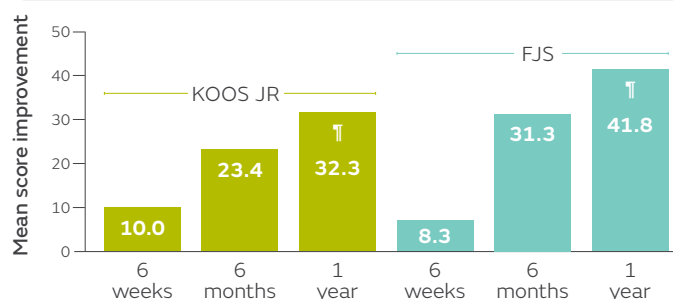


Figure 2. Mean change in KOOS JR and FJS through one-year

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\*Compared to existing LEGION inserts. <sup>†</sup>Over seven years of clinical history based on Smith+Nephew's REDAPT<sup>®</sup> Revision Hip System.<sup>10</sup> <sup>‡</sup>Stable fixation was defined as <0.2mm change in mean MTPM.

<sup>§</sup>Two patients had revision surgery (1.5% patients [2/135]): one for anterior knee pain and one for aseptic loosening. <sup>††</sup> $p < 0.001$ .

**Abbreviations:** FJS = Forgotten Joint Score; KOOS JR = Knee Injury and Osteoarthritis Outcome Score for Joint Replacement; MTPM = maximum total point motion; OKS = Oxford Knee Score; PROMS = patient-reported outcome measures; TKS = total knee system.

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