

LEGION Porous Tibia Baseplate is based on clinically successful PROFIX[◇] design

Smith+Nephew

LEGION[◇] TKS
Cementless Total Knee System

The evidence speaks for itself...

Launched in 1996 and designed by Dr. Leo Whiteside, the PROFIX porous tibia has over 41,000 implantations globally and more than 24 years of clinical history.^{1,2}



Proven clinical data:
PROFIX porous knee system is the best performing knee on Norwegian registry³



Proven design:
The LEGION porous tibia is based on clinically successful PROFIX design^{1,2}



Clinical history:
Over 41,000 PROFIX and 4,500 LEGION porous tibiae implanted globally since launch

Proven clinical data

PROFIX	US Multi-center, Prospective Study ⁴	Hardeman et al. ¹	Whiteside, MD ⁵
Number of knees	570	115 consecutive	1,556
Follow up	6 years	10 years	10 years
Survivorship	98.3%*	97.1%* (all cementless)	100%*†
Final flexion	112 (±12.1)	107 (±17.6)	N/A
Knee Society Score (KSS)	89.2	93.1	89

*Kaplan – Meier Survival Model

† Worst case scenario survivorship, 94.5%

Highest probability for long-term survival[^]
in patients younger than 65 years –
Uncemented Hydroxyapatite (HA) coated
PROFIX tibial component without screws²

[^]Compared to all PROFIX tibia baseplate variants

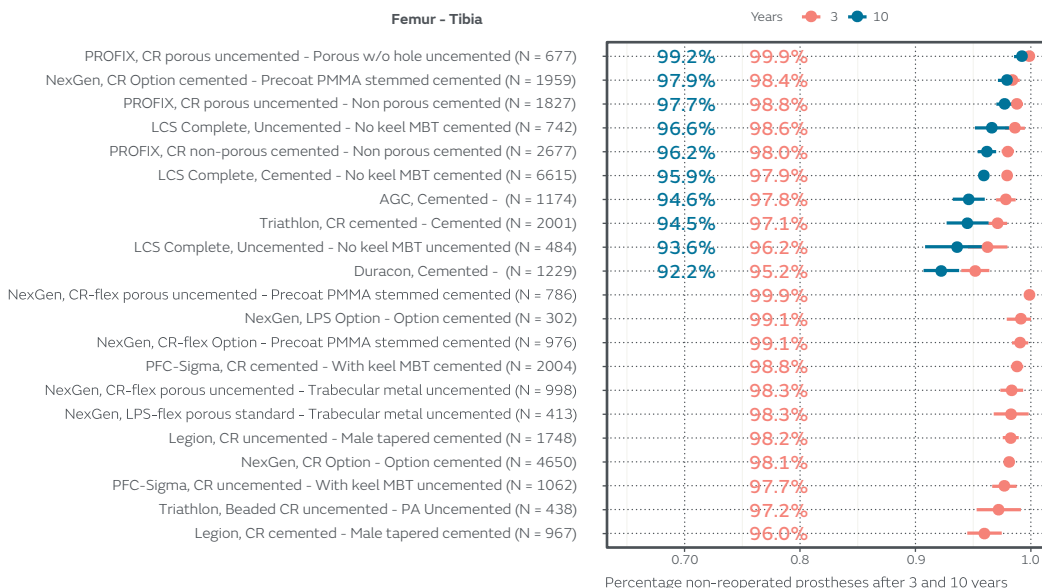
Uncemented HA-coated Implant is the Optimum Fixation for TKA in the Young Patient

Kjell G. Nilsson, MD, PhD[®]; Anders Henricson, MD[®]; Bo Norgren, MD[®]; and Tore Dalén, MD, PhD[®]

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2020 Norwegian Arthroplasty Registry³

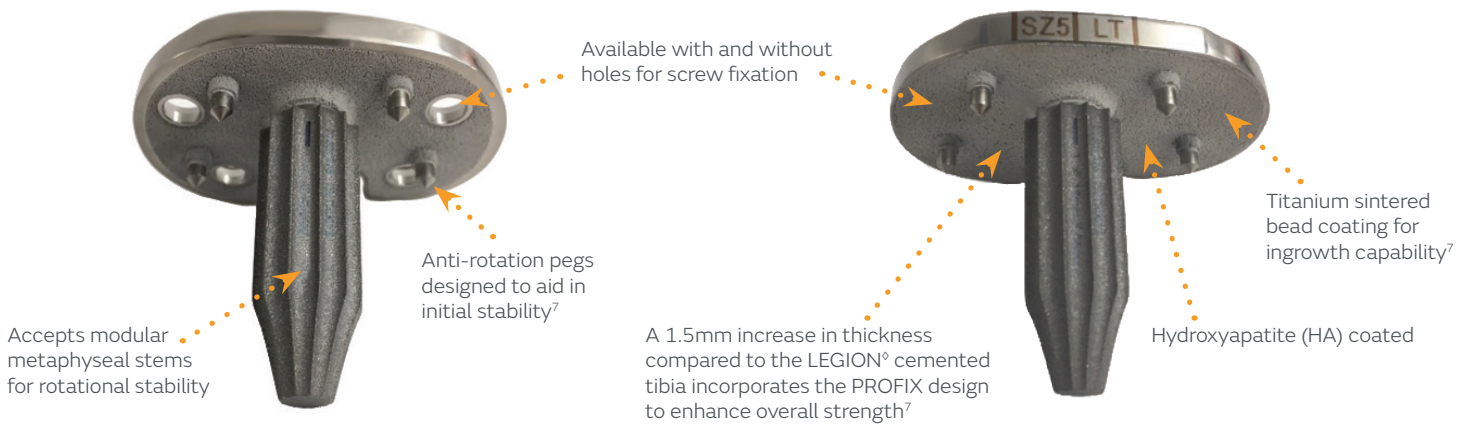
Percentage non-reoperated total prostheses in knee after 3 and 10 years, 2008-2019



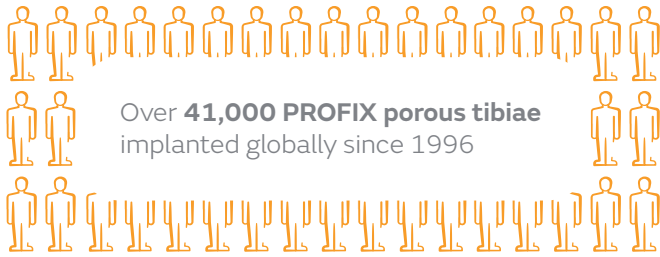
PROFIX CR Porous Uncemented femur and tibia (w/o holes) has **99.2% survivorship** at 10 years making it the **best performing knee** on the registry.³

Proven design

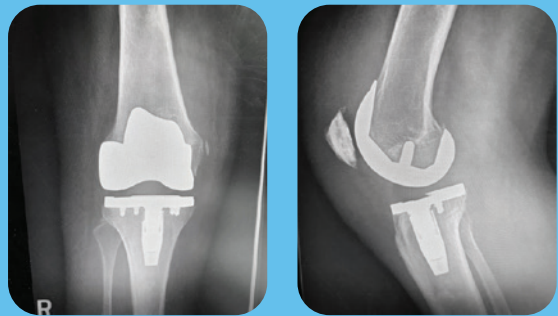
All distal design features were based on the PROFIX[®] design rationale while incorporating the LEGION[®] locking mechanism and footprint which, like PROFIX, also has over 24 years of clinical history.⁶



Clinical history



Based on the PROFIX design, **over 4,500 LEGION porous tibiae** have been implanted in the past 10 years.



Celebrating **20+ years** of clinical history

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References

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