smith&nephew

LEGION® RK

Revision Knee System

Supporting healthcare professionals

Tibial Cone Implants

Short	
71935386	LEGION Tibial Cone ID 18 SHORT
71935387	LEGION Tibial Cone ID 20 SHORT
71935388	LEGION Tibial Cone ID 22 SHORT
71935389	LEGION Tibial Cone ID 24 SHORT
71935390	LEGION Tibial Cone ID 26 SHORT
71935391	LEGION Tibial Cone ID 28 SHORT
Long	
71935393	LEGION Tibial Cone ID 18 LONG
71935394	LEGION Tibial Cone ID 20 LONG
71935395	LEGION Tibial Cone ID 22 LONG
71935396	LEGION Tibial Cone ID 24 LONG
71935397	LEGION Tibial Cone ID 26 LONG
71935398	LEGION Tibial Cone ID 28 LONG
71935399	LEGION Tibial Cone ID 30 LONG

Femoral Cone Implants

Left	
71935400	LEGION Femoral Cone ID 18 LEFT
71935401	LEGION Femoral Cone ID 20 LEFT
71935402	LEGION Femoral Cone ID 22 LEFT
71935403	LEGION Femoral Cone ID 24 LEFT
71935404	LEGION Femoral Cone ID 26 LEFT
71935405	LEGION Femoral Cone ID 28 LEFT
71935406	LEGION Femoral Cone ID 30 LEFT
Right	
71935407	LEGION Femoral Cone ID 18 RIGHT
71935408	LEGION Femoral Cone ID 20 RIGHT
71935409	LEGION Femoral Cone ID 22 RIGHT
71935410	LEGION Femoral Cone ID 24 RIGHT
71935411	LEGION Femoral Cone ID 26 RIGHT
71935412	LEGION Femoral Cone ID 28 RIGHT
71935413	LEGION Femoral Cone ID 30 RIGHT

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10392 V1 08/17

Supporting healthcare professionals

1. Smith & Nephew Research report. OR-16-008. **2.** Data on file at Smith & Nephew. **3.** J.D. Bobyn, S.A. Hacking, S.P. Chan, K.K. Toh, J.J. Krygier and M. Tanzer, "Characterization of a new porous tantalum biomaterial for reconstructive
For detailed product information, including indications for use, contraindications, effects, precautions and warnings, please consult the products' Instructions for Use.

The Apex of Knee Revision

Simplifying the Complex Knee

Anatomic Joint Restoration

Anatomic cone shape

- Designed to minimize interference of cone and cortical bone
- Large posterior slopes and cutouts designed to reduce cortical contact and perforation of the posterior bone

Independent cone and implant construct placement

- Increased ability to independently set the joint line, M-L and A-P bone-implant contact, and final implant rotation
- Capable of offsetting the femoral and tibial components within cone

Reduces compromises between the implant and cone placement

- 20° degrees of freedom between femoral cone and anterior flange
- 25° degrees of freedom between tibial cone and tibial baseplate fins

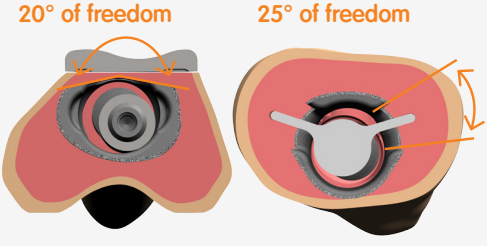

Fig 1. Rotational freedom of a) LEGION femoral cone versus the anterior flange and b) LEGION tibial cone versus the tibial baseplate fins.

Enhanced Stability and Fixation

- Biologic metaphyseal fixation with STIKTITE® porous ingrowth surface
  - 0.93 coefficient of friction[1]
- Grit-blasted interior surface for cement adhesion and construct stability
- Additional rotational stability through anatomic cones shape[2]
- Maximizes bony coverage with final implant construct

LEGION◇ Cones are designed to provide long-term biologic metaphyseal fixation even in the most difficult of anatomies through a porous, anatomic solution.

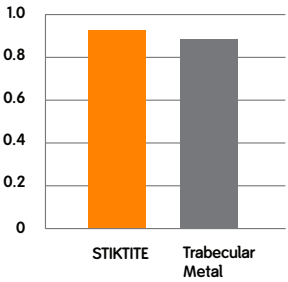

Fig 2. Coefficient of Friction of STIKTITE porous coating versus Trabecular Metal.[1,3]

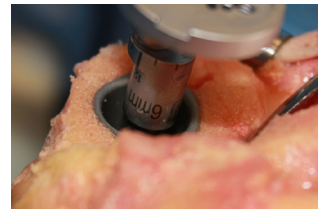

Fig 3. Tibial short cone with a 6mm offset coupler.

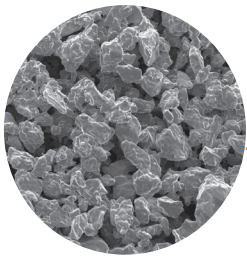

Fig 4. SEM image of STIKTITE porous coating

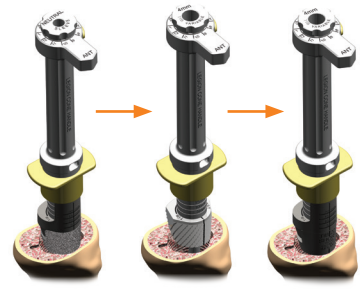

Fig 5. Utilization of the same cone handle from broaching to trialing to implantation

Bone Filling and Bone Sparing

Reinforcement of revision bone with a thin, solid wall construct

- Largest possible inner diameter for larger stems and offset coupler use
- Smallest possible outer diameter to reduce removing existing bone

Implant Flexibility

Designed to enable the use of the implant best suited to treat the anatomy

- Compatible with LEGION RK and HK
- With or without offsets
- Cemented or Press-Fit stems
- With or without wedges
- Any size femoral cone fits any size femur
- Any size tibial cone fits any size tibial baseplate

Streamlined Implementation

Simple instrumentation

- Utilizes benefits of LEGION RK instrumentation
- Minimal and intuitive instruments

Reproducible technique

- IM guided alignment from initial ream to final implantation
- One cone handle performs all steps – broaching, trialing, and final implantation

OR Efficiency

- Simple add-on set to LEGION RK or HK
- Maintains the preferred revision surgical flow