

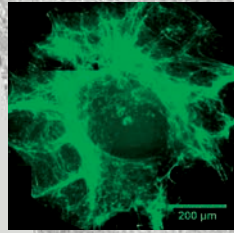
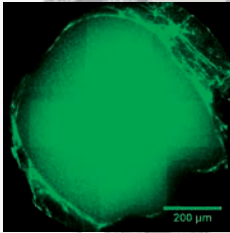
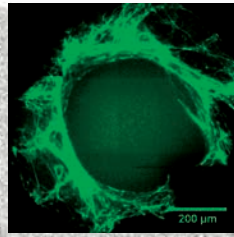
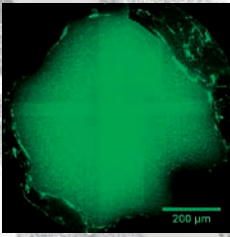
TrabecuLink
Femoral and Tibial Cones

Stable – Elastic – Versatile



Femoral and Tibial Cones

- Reinforcement of meta- and diaphyseal bone defects⁵
- Proven titanium alloy³
- Ergonomic instruments and simple surgical technique



The sequence of pictures shows the pore fill of the TrabecuLink structure under in vitro cell culture conditions.

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TrabecuLink

- 3-dimensional structure^{1,2,4}
- Pore geometry for effective cell ongrowth^{1,2,4}
- Additive manufacturing process for latest generation of Femoral and Tibial Cones



Femoral and Tibial Cones

- **Stable** – with cementless fixation (to the bone)^{6,10}
- **Elastic** – due to integral bending axes
- **Versatile** – for a broad range of solutions⁹



Stability

Stable fixation

- High primary stability and good fit
- Cementless implantation
- Inner metal wall protects against contact with bone cement
- Secure cement fixation (to the mating implant)





Elasticity

Elastic design

- **Bending axes** for adaptation to bone surfaces
- **Spring effect** for easy intraoperative positioning and high primary stability
- **Mechanical compression** of the bone promotes bone remodeling^{7,8}

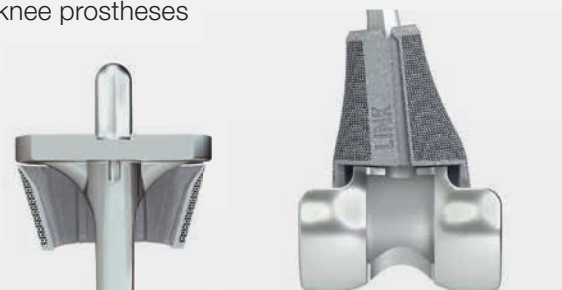




Versatility

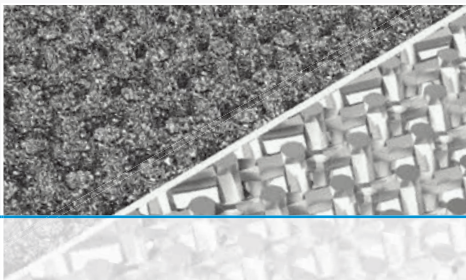
Versatile combinations

- **Combinable** with the LINK Endo-Model knee family according to the surgical technique
- **Sizes** correspond to the sizes of the constrained knee prostheses



References (general)

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- 10 Ivan De Martino, Vincenzo De Santis, Peter K Sculco, Rocco D'Apolito, Joseph B Assini, Giorgio Gasparini; Tantalum Cones Provide Durable Mid-Term Fixation in Revision TKA, Clin Orthop Relat Res 473 (10), 3176-3182 (2015)



TrabecuLink

Additive manufactured 3-dimensional porous structure ^{1,2}

- Structure depth: 2 mm
- Pore size: 610-820 μm
- Porosity: 70%



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