

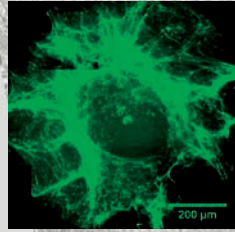
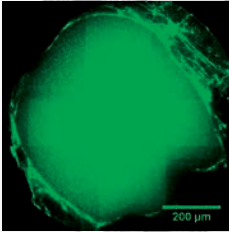
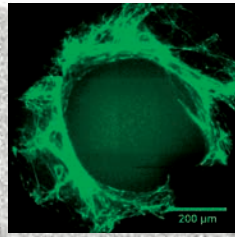
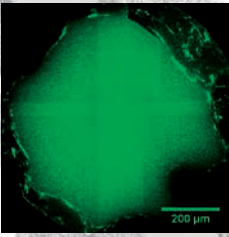
**TrabecuLink**  
Femoral and Tibial Cones

Stable – Elastic – Versatile



## Femoral and Tibial Cones

- Reinforcement of meta- and diaphyseal bone defects<sup>5</sup>
- Proven titanium alloy<sup>3</sup>
- 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<sup>1,2,4</sup>
- Pore geometry for effective cell ongrowth<sup>1,2,4</sup>
- Additive manufacturing process for latest generation of Femoral and Tibial Cones



## Femoral and Tibial Cones

- **Stable** – with cementless fixation (to the bone)<sup>6,10</sup>
- **Elastic** – due to integral bending axes
- **Versatile** – for a broad range of solutions<sup>9</sup>



# 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)





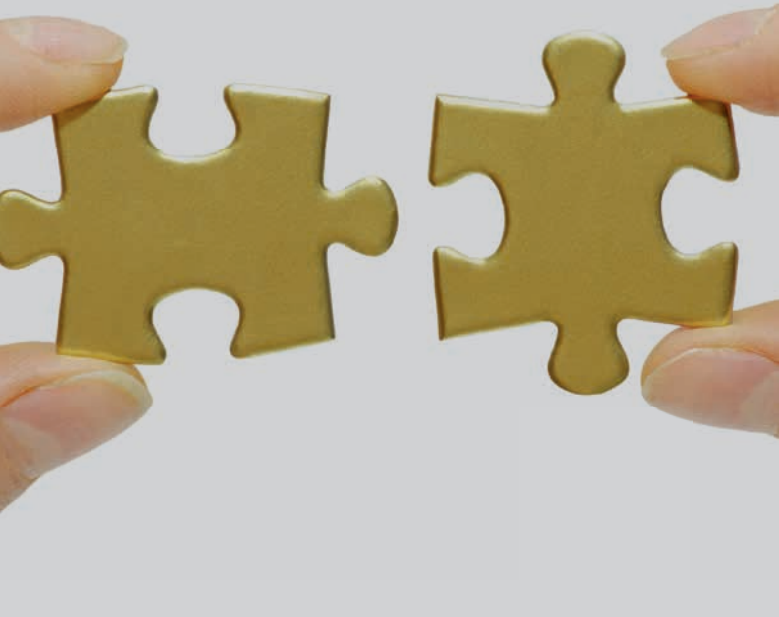
# Elasticity

## 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<sup>7,8</sup>



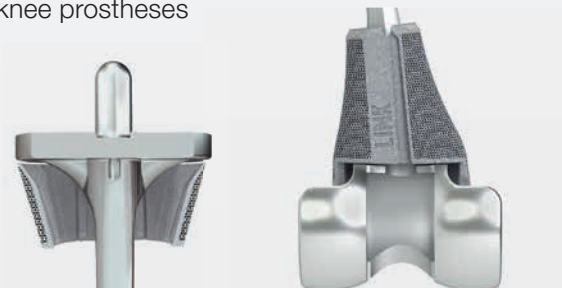




## Versatility

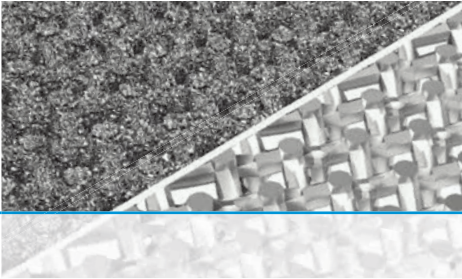
### Versatile combinations

- **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 <sup>1,2</sup>

- Structure depth: 2 mm
- Pore size: 610-820  $\mu\text{m}$
- Porosity: 70%



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