RENOVIS®
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Tesera™ P

Posterior Lumbar Interbody Fusion System

Renovis Surgical's Tesera™ P

Tesera P features our revolutionary Tesera Trabecular Technology in posterior lumbar cage form.

Tesera Trabecular Technology™

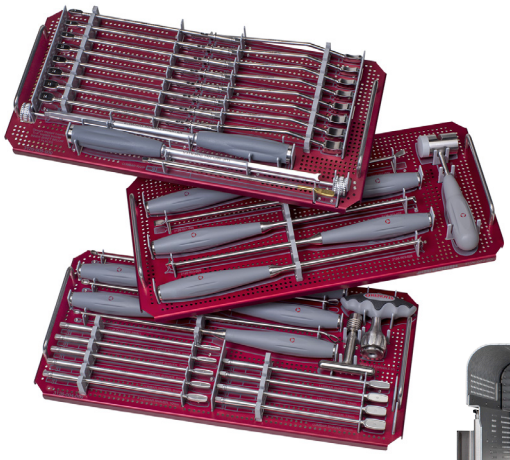
- Optimal environment for bone IN-GROWTH and ON-GROWTH
- 3D-printed Titanium-alloy (Ti6Al4V)
- Truly-porous trabecular structure
- Random, interconnected pores (500 micron average pore size)
- 68% Average Porosity
- Hydroxyapetite-blasted, for micro-surface roughness

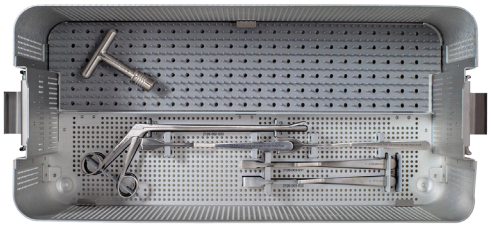
Sizes

- Available in lengths of 22mm, 25mm and 27mm X 9mm width
- Available in heights from 7mm – 16mm
- Convex 7˚ lordotic profile
- Bulleted, self-distracting nose geometry

Instruments

- Shavers available from 6mm – 14mm (1mm increments)
- Straight Trials available from 7mm – 14mm (1mm increments)
- Threaded Inserter
- Tamps, disc prep and nerve retractors included





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About Tesera Trabecular Technology (T3)…

Tesera implants feature porous titanium surfaces which create the optimal environment for bone on-growth and in-growth. (Figure 1) Independent study of the Tesera structure proves rapid and complete bone ingrowth at 12 weeks, without press-fit or biologics. (Figure 2)

Tesera implants combine revolutionary manufacturing technology, advanced material science and bioanalogous design into cutting-edge implants that push the expectations of how spinal implants interact with the body.

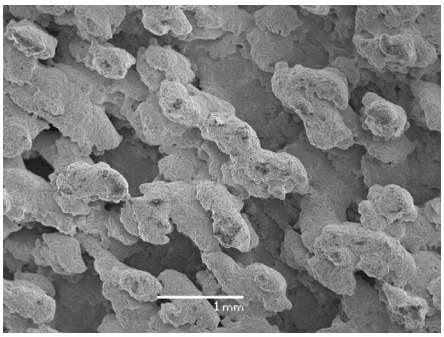

Figure 1: SEM image of the outer surface of the Tesera porous structure.[1]

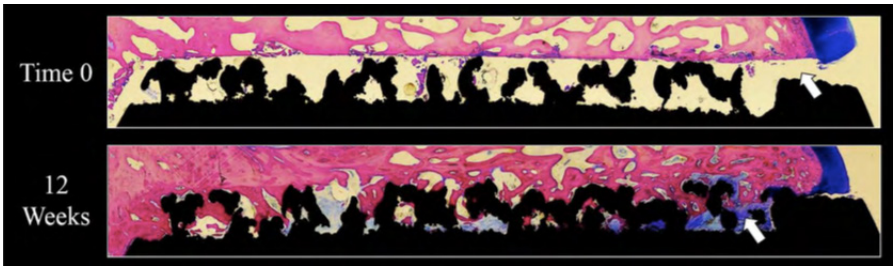

Figure 2: Pictured above is a 75µm section view from a weight-bearing Ovine study showing bone ingrowth into the Tesera trabecular structure at 12 weeks.[2] Black=Titanium, Pink=Bone, Blue=Fibrous Tissue and White=Pore Space

Tesera™ Spinal Implants: Tesera P, Tesera SA, Tesera SC, Tesera ST and Tesera T

Available Tesera™ Systems:	
Tesera P	PLIF
Tesera SA	Stand-alone ALIF
Tesera SC	Stand-alone Cervical
Tesera ST	Straight TLIF
Tesera T	TLIF

REFERENCES
1. Data on file with Renovis Surgical. SEM Evaluation. Test Report K13047307-1.
2. Surgeries were performed at IMDS Discovery Research (Logan, Utah); processing and analysis of the specimens was conducted by the Bone and Joint Research Laboratory (Salt Lake City, Utah). Data on file with Renovis Surgical.

* The Ovine study data shown is representative of Renovis Surgical Technologies' Electron Beam additively manufactured porous structure. Tesera P/T/ST implants are manufactured using a laser sintering additively manufactured porous structure, but are representative of the Electron Beam porous structure.

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