

Inspire[®] 3D Printed Trabecular PEEK[™]

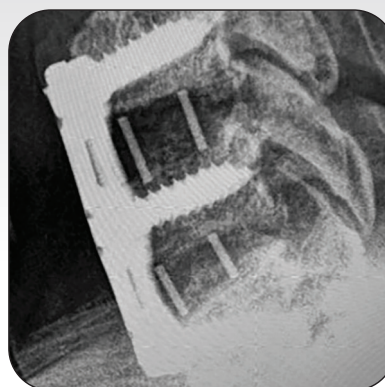
Early Clinical Evidence

“The Inspire 3D printed Trabecular PEEK technology checks all the boxes for an ideal interbody implant: fully interconnected porosity, modulus of elasticity equivalent to cancellous bone, strong biomechanical properties, radiolucency, and a bioactive surface for osseointegration.”

Kevin Foley, MD., Chairman of Semmes Murphey Neurologic and Spine Institute.

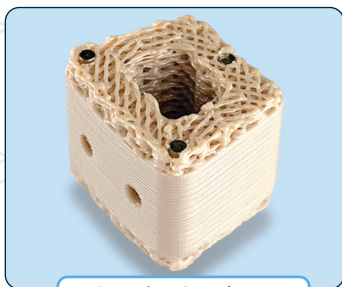


Intra OP

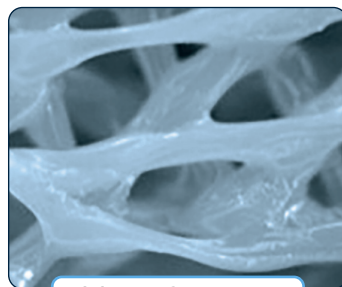


3 Month X-ray

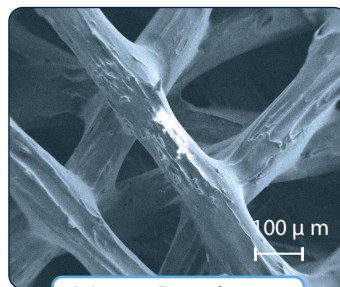
Structure Drives Biology



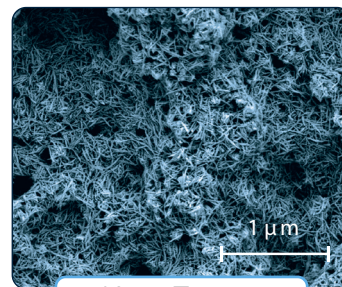
Inspire Implant
MAG 1X



Macro-Structure
MAG 40X



Macro-Roughness
MAG 100X



Nano-Texture
MAG 40,000X

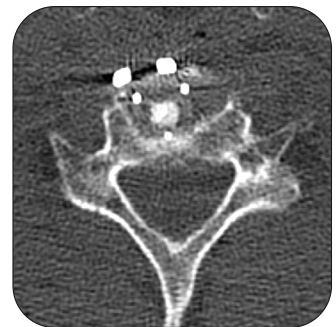
- 100% fully **Interconnected Porosity**
- Pore size distribution between 100 – 600 microns promoting **Osteoconduction**
- Micron & Nano-scale surface roughness presents hydrophilic surfaces promoting bone apposition and enhanced **Osseointegration**

Clear evidence of bone growth throughout the Inspire® Trabecular PEEK™ lattice

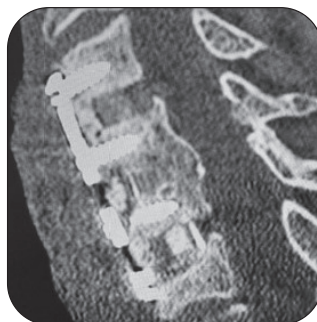
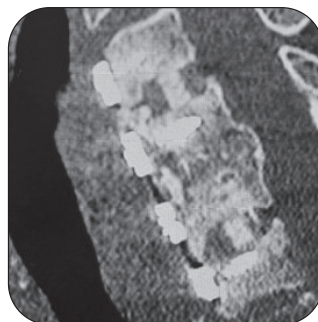
Patient 1: CT Visualization 3months PO, C6-7 (1 level)



Patient 2: CT Visualization 6wk PO, C3-6 (3 level)



Patient 3: CT Visualization 3months PO, C4-5 & C6-7 (2 level), 1 prior level at C5-6



“Early evidence of fusion on my first 3 cases”

Randy Dryer, MD., Central Texas Spine Institute

*Cases with Magnetos Bone-graft

A TRUE PLATFORM TECHNOLOGY

The Inspire® Porous PEEK HAFUSE® platform represents a revolution in biomaterials by delivering an interconnected porous, engineered structure ideal for Osseointegration, radiographic assessment, and optimal patient outcomes.