TrellOss®-TC

Porous Ti Interbody System

A new foundation
for growth

HIGHRIDGE

A New Foundation for Growth

Introducing TrellOss - TC Porous Ti Interbody System.

A 3D printed titanium interbody platform featuring a scaffold structure with 70% porosity and a 7 micron roughened surface topography to foster a cellular relevant environment for adhesion and bone ingrowth.[1]

TrellOss-TC Implant

- Rigid teeth help to resist implant migration
- Bullet-tip nose to aid in implant insertion
- Central window for graft packing and containment
- mplants are sterile-packed to reduce the risk of contamination and hospital reprocessing costs
- Controlled articulating inserter offers multiple insertion angles by allowing the implant to pivot in-situ up to 55˚

TrellOss-TC Sizes

Heights	Lengths	Lordosis
7 mm–16 mm	28 mm | 32 mm	0˚
8 mm–16 mm	28 mm | 32 mm	10˚

Porosity

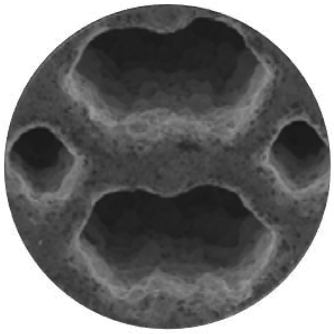
Open architecture with 70% porosity including varying pore sizes of 300, 500, and 700 microns that mimic cancellous bone allowing for a conducive environment for cellular activity[1,5,6,7]

Structure

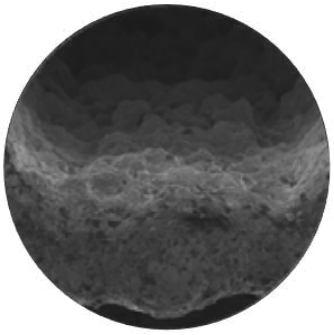
Scaffolding structure provides additional surface area [2,3] and an elastic modulus similar to PEEK[8]

Texture

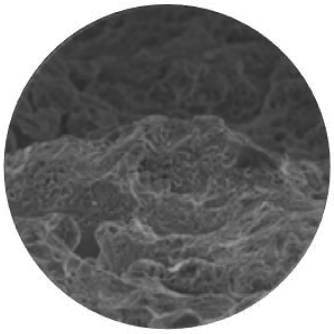
7 micron surface texturing enhances the wicking nature[9] and creates an environment for potential cellular adhesion[2,3,4]



SEM image of TrellOss Surface at **50x** magnification



SEM image of TrellOss Surface at **100x** magnification



SEM image of TrellOss Surface at **450x** magnification

References

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