BIOMET 3i launches the 3i T3

Author: BIOMET 3i staff

BIOMET 3i, one of the world’s leading dental implant manufacturers, announced recently that it is launching its new 3i T3 Implant.

The 3i T3 Implant is a contemporary hybrid implant with a new multi-surface topography designed to deliver esthetic results through tissue preservation:

- **Coarse micron topography:** A resorbable media blasting process using calcium phosphate particles provides 10 micron features, which facilitate blood clot retention along the threaded body of the implant.¹,²

- **Fine micron topography:** A dual acid-etching process provides a 1-to-3-micron peak-to-peak surface (OSSEOTITE®) that supports platelet activation.³,⁴ This surface overlays the coarse micron topography and is designed to mitigate the risk of peri-implantitis at the coronal aspect of the implant.⁵

- **Sub-micron topography:** The option exists for a more complex topography with the discrete crystalline deposition of calcium phosphate nanoparticles. This surface treatment has demonstrated increased integration throughout the early healing process, helping to facilitate Bone Bonding.⁶,⁷

- **Integrated platform switching:** BIOMET 3i Implants with integrated platform switching (3i T3 and PREVAIL® Implants) have smaller restorative platforms relative to the total implant platform. This medializes the implant-abutment junction inward, helping to maintain bone levels. Studies show that BIOMET 3i Implants with integrated platform switching demonstrated crestal bone loss as low as 0.37 mm.⁷

- **Certain® Internal Connection and the Gold-Tite® Screw:** The Certain Internal Connection in conjunction with the Gold-Tite Screw is designed to reduce microleakage through its exacting interface tolerances and maximized clamping forces.⁸ The Gold-Tite Screw design increases the clamping force by 113 percent versus non-coated screws, maximizing abutment stability. The Gold-Tite Surface lubricates and compresses to provide a tighter fit between implant components.⁹

For more information about BIOMET 3i, visit www.biomet3i.com or contact the company at (800) 342-5454; outside the United States, dial (561) 776-6700.

*Bone Bonding is the interlocking of the newly formed cement line matrix of bone with the implant surface.

References are available upon request from the publisher.