BIOMET 3i launches the 3i T3

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.\(^6\)*

- **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.