The NanoTite™ Tapered PREVAIL® Implant

Osseointegration, primary stability and restorative flexibility align in an inspiring design – the addition of the PREVAIL Platform Switching™ Feature to the NanoTite Tapered Implant is designed to help clinicians pursue the preservation of crestal bone and soft tissue\(^1\), allowing for optimal aesthetic outcomes.

The NanoTite Tapered PREVAIL Implant Features:

- **The NanoTite Surface** - A Bone Bonding\(^\circledast\) Surface\(^*3,4\) in which preclinical studies demonstrated an improved rate and extent of osseointegration\(^†\) due to the Discrete Crystalline Deposition™ (DCD\(^™\)) of nano-scale calcium phosphate

- **An Innovative Tapered Design** - Thread angle, depth and pitch produce an anchoring “bite in bone” response, establishing primary stability

- **Built-In Platform Switching** - Moving the Implant Abutment Junction (IAJ) in from the implant shoulder limits the reformation of biologic width and allows for crestal bone preservation around the implant

\(^*\) Bone Bonding is the interlocking of the cement line matrix of bone with the implant surface

\(^†\) OSSEOTITE Control Implants versus NanoTite Implants (Data on File)


4. Davies JE, Mendes VC. Discrete calcium phosphate nanocrystals render titanium surfaces bone-bonding. Institute of Biomaterials and Biomedical Engineering, University of Toronto.