NOVIT® DUAL SURFACE TREATMENT
Innovation in Cementless Coating

Our innovative NOVIT® coating is Calcium-Phosphate (CaP)-derived chemical component with very thin microcrystalline structure similar in morphology to natural bone tissue which maintains substrate surface roughness and provide a large area for bone integration.

The biphasic composition of this coating has been shown to promote short and long term osseointegration while the bone like coating morphology can provide a potent capillary effect which may help to accelerate the implant healing process.
Premium Implant surface topography & osseointegration

**NOVIT®** delivers faster bone recovery and immediate loading success rate.

**NOVIT®** complex surface design with significant surface enlargement enhances the coating procedure and provides:

- Increased primary stability with reduced healing time
- Active support of bone attachment
- Higher wettability with blood/high affinity for blood
- Early loading / immediately loading
- Prevention of spontaneous oxidation of the titanium surface
- Higher osteoconductivity of the surface
NOVIT® introduces much improved osseointegration by penetrating all of the pores and providing a strong bone anchoring to the surface (high BIC).
NOVIT® Combines Nova Active Surface® and CaP

Unlike conventional coatings with highly crystalline that provide long term benefits, NOVIT® combined technology co-ordinated bioactivity exhibited provides excellent short and long-term osseintegration.

- Optimal roughness characteristics
- Very thin, quickly resorbable CaP layer
- High primary stability
- Rapid bone ongrowth
- Reduce healing timer
- Early implant loading
We focused our research on the factor of surface roughness and we used various techniques in order to compare our results with the universally recognized implant manufacturers.

Based on our results, NOVIT® accelerates bone integration!
NOVIT® Quality and Performance Tests

NOVIT® is easily soluble, providing highly concentrated calcium ions and Phosphate ions resulting in rapid bone growth and high mineralization, acting as an anchor during the mineralization process.
Worldwide Presence

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