

SANTA FEATURES

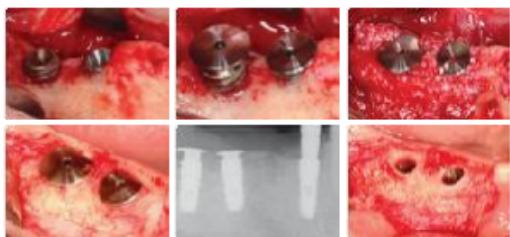
SANTA Spacial Sohn's Augmentation New Tenting Abutment

- Tenting Abutment optimized for simple 3D ridge augmentation
- Shortened healing period for edentulous patients
- Shortened treatment period and increased implant success rate
- Shorten the number of surgical rounds and prevent complications after surgery
- No need to harvest bone fragments from other sites



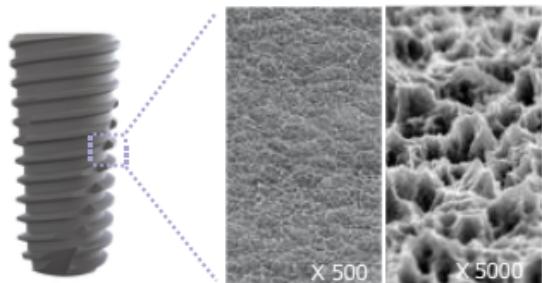
T/D	C	Ø15.0	Ø4.0
1	5205	5206	
2	5205	5206	
3mm	5205	5206	

SANTA Clinical Case



SURFACE FEATURE

S.LA (RA 2.2 μ m)



SANDBLASTED, LARGE-GRIT, ACID-ETCHED

The SLA surface is produced by a large grit sand-blasting. The surface is not microporous and therefore provides no enclosed volumes to reduce vulnerability to bacteria. This method analyses the first few atomic layers of the surface, and thus the chemical composition of the material which is in direct contact and interacts with tissue fluids and cells.

**BIO
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IMPLANT SYSTEM

AR | Submerged Implant System

IR | Tissue Level Implant System

BR | External Hex Implant System

MR | One Body Implant System

SANTA

**BIO
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DENTAL IMPLANT SYSTEM

IMPORTED AND MARKETED IN INDIA BY:

M/s. AKSHARA ENGINEERING SERVICES

Email: sales@biotem.in

sales@aksharaengg.com

Mobile: +91 78711 33311

+91 94446 44428

Website: www.biotem.in

AR Fixture *Sumerged Implant System*

- 11° Morse taper hex connection structure of internal submerged type
- Connection - Narrow / Regular
- Realization of ideal SLA surface treatment with RA value of 2.2μm
- Corkscrew thread & Helix Cutting edge
 - Easy to modify the insertion path due to strong self-tapping effect
 - Soft bone increases initial fixation force
- Easy and convenient Single Pitch Macro Thread
 - Design optimized for SLA surface treatment
 - synchronized thread for stronger initial fixation force
- 15° Taper Body
 - Able to obtain initial fixation force required for immediate loading from soft bone
 - Application of Open Thread on the upper part improves the initial fixation force in the soft bone
- Recommended insertion torque: 30 Ncm or less

**IR Fixture *Tissue Level Implant System***

- 8° Morse taper octa connection structure of internal non-submerged type
- Realization of ideal SLA surface treatment with RA value of 2.2μm
- Connection - Narrow / Regular / Wide
- Corkscrew Thread & cutting edge
 - Easy to modify implantation path due to strong self-tapping effect
 - Soft bone increases initial fixation force and enables acquisition of insertion torque without deviation depending on drill diameter
- Recommended insertion torque: 30 Ncm or less

**BR Fixture *External Hex Implant System***

- External hex connection structure of Submerged type
- Connection - Narrow / Regular / Wide / T-type Wide
- Realization of ideal SLA surface treatment with RA value of 2.2μm
- Corkscrew Thread & Cutting Edge
 - Easy to modify insertion path due to strong self-tapping effect
 - Soft bone increases initial fixation force
- Straight Body & Apical
 - Easy to adjust insertion depth
 - Soft bone increases initial fixation force
- Recommended insertion torque: 30 Ncm or less

**MR Fixture *One Body Implant System***

- One-body implant suitable for narrow spaces such as lower anterior teeth
- Thread Type - Single / Micro
- Denture Type - Single Thread
- Realization of ideal SLA surface treatment with RA value of 2.2μm
- Optimized abutment shape and size for prosthesis without removal
- Recommended insertion torque: 30 Ncm or less

