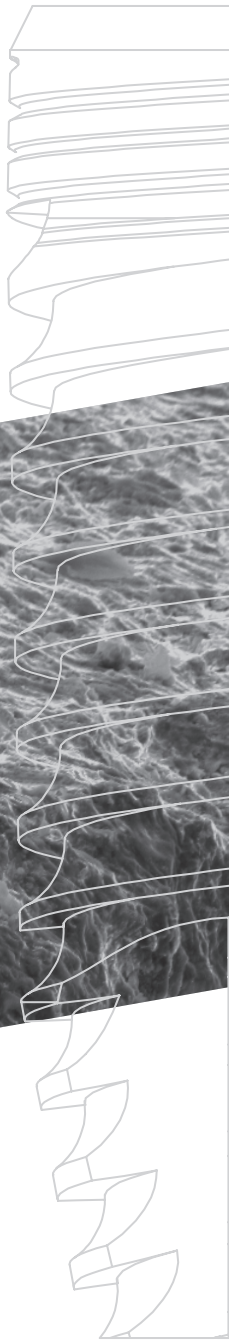
MODE
IMPLANT

FIND YOUR MODE



modeimplant.com

in the mode of

IMMEDIATE

DIGIT-ALL

BEYOND LIMITS

ENVIRONMENTALLY FRIENDLY

FIND YOUR MODE

INDEX

MODE MEDİKAL®

MEDICAL
ORTHOPEDIC
DENTAL
EQUIPMENT

MODE MEDİKAL was established in 2008 as a group company with experts and engineers. Since then, it has designed hundreds of products with the help of academic staff. MODE MEDİKAL has entered the implantology sector with its own implant brand, 'Mode Dental Implant', using the best raw materials from around the world and the latest technologies.

We have won the hearts of people around the world!

We manufacture high-tech products that promote good health and well-being.

With its advanced production capabilities and technology, MODE MEDİKAL is the only Turkish manufacturer of micro medical products apart from the world's five largest cardiac implant manufacturers of Swedish origin. It has succeeded in becoming a supplier of micro medical products to some of the world's largest companies.

CARDIAC IMPLANT

CARDIAC IMPLANT is a medical device that is implanted to high-risk heart patients today and requires advanced medical expertise.

2008

Establishment

Orthopedic and Trauma Screws

Bone Screws

Hair transplant needles

2010

Cardiac Implant

Micro Medical Products

2012

Dental Implant System

BONE Implant

TISSUE Implant

SHORT Implant

2015

LEVEL Implant

IMMEDIATE Implant Designs
RAPID-SHORTER Implant

MINI Implant

MIA Mode Implant Academy

“THE MANUFACTURER OF THE YEAR” AWARD FROM USA (2018)

The International Health Organization, through IVF Media America, has awarded eight winners in three main and eight sub-categories for their worldwide research.

MODE Implant has been awarded for its worldwide research. We are proud to have achieved this success in our 10th year and to make a difference with our technological superiority among other global brands.

GOLD MEDAL RESEARCH AND INNOVATION AWARD GENEVA SWITZERLAND (2017)

GOLD MEDAL AWARD, 45th International Exhibition of Inventions of Geneva, Geneva, Switzerland, IP: 2013/15577

SILVER MEDAL AWARD, ISIFvention17, 2nd Istanbul International Invention Fair, Istanbul, Turkey IP: 2013/15577

JURY SPECIAL AWARD, Prize of the Ministry of Research and Innovation of Geneva, Geneva, Switzerland

EU-MDR Certificate (2023)

MDR is the European regulation that sets the standards for the safety and performance of medical devices in the EU market. It also defines the roles and responsibilities of the manufacturers, distributors, importers, and authorized representatives of medical devices.

MODE Implant has been awarded the MDR Certificate, guaranteeing that the company complies with the highest standards in production of dental implants and conducting clinical studies.

2017

Surface Gold Medal Award Wipo Geneva

Provo Bendable Implant Series

2018

Manufacturer of The Year Award from the USA

Provo Implant

CAD / CAM Digital Solutions

2019

MIA World Symposium Istanbul

NEW Multi-Unit Abutment Series

2023

MODE Implant has been awarded the **MDR Certificate**, guaranteeing that the company complies with the highest standards in production of dental implants and conducting clinical studies.

CARPENTER DYNAMET TITANIUM (USA)

ZAPP AG (GERMANY)

HA-BCP CALCIUM PHOSPHATE (USA)

THE WORLD'S BEST BRANDS

Our titanium raw materials are supplied from American Dynamet Carpenter Technolgy Holding and Zapp AG from Germany, World's leading companies in titanium products.

ROBOTIC AUTOMATION
MICRO-BLAST BCP® SURFACE TECHNOLOGY

MODE IMPLANT uses cutting-edge technology to provide high-quality products to customers worldwide. Our ROBOT and COBOT automation system precisely blasts the implant surface to create a uniform topography.

MODE makes the surface roughening process with BCP, which contains over 65% HA content and is supplied from USA, a cleaning that does not contain chemical components after the surface treatment is sufficient.

The need for passivation is eliminated since acid is not used during these processes.

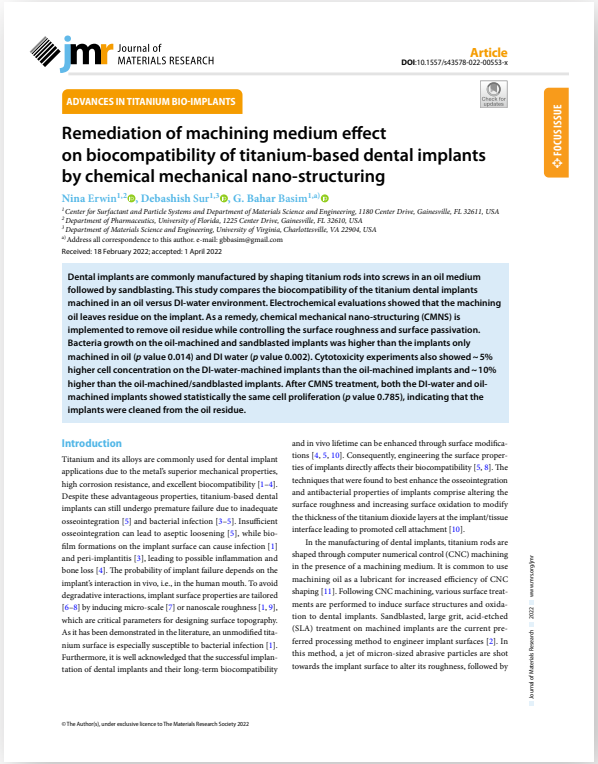
%100
QUALITY
TESTED

% 100 **QUALITY**
CONTROL GUARANTEE
Internationally Approved Quality System

At MODE Implant, every product is 100% controlled by exceeding the world-accepted quality control norms. The R&D department, which is in constant cooperation with the quality control unit, regularly updates the quality control and test protocols.

PURE WATER TECHNOLOGY

INDUSTRIAL CUTTING OILS	**PURE WATER TECHNOLOGY**
Anaerobic Bacteria Formation	Hygienic Production
Resin Layer Formation on Implant Surfaces	Pure Water Ultrasonic Cleaning
Surface Acid Cleaning Process	No Acid
Passivation of acid concentration	No Acid Passivation



jmr Journal of MATERIALS RESEARCH

Article
DOI:10.1557/s43578-022-00553-x

ADVANCES IN TITANIUM BIO-IMPLANTS

FOCUS ISSUE

Remediation of machining medium effect on biocompatibility of titanium-based dental implants by chemical mechanical nano-structuring

Nina Erwin[1,2], Debashish Sur[1,3], G. Bahar Basim[1,a]

[1] Center for Surfactant and Particle Systems and Department of Materials Science and Engineering, 1180 Center Drive, Gainesville, FL 32611, USA
[2] Department of Pharmaceutics, University of Florida, 1225 Center Drive, Gainesville, FL 32610, USA
[3] Department of Materials Science and Engineering, University of Virginia, Charlottesville, VA 22904, USA
[a] Address all correspondence to this author. e-mail: gbbasim@gmail.com

Received: 18 February 2022; accepted: 1 April 2022

Dental implants are commonly manufactured by shaping titanium rods into screws in an oil medium followed by sandblasting. This study compares the biocompatibility of the titanium dental implants machined in an oil versus DI-water environment. Electrochemical evaluations showed that the machining oil leaves residue on the implant. As a remedy, chemical mechanical nano-structuring (CMNS) is implemented to remove oil residue while controlling the surface roughness and surface passivation. Bacteria growth on the oil-machined and sandblasted implants was higher than the implants only machined in oil (*p* value 0.014) and DI water (*p* value 0.002). Cytotoxicity experiments also showed ~ 5% higher cell concentration on the DI-water-machined implants than the oil-machined implants and ~ 10% higher than the oil-machined/sandblasted implants. After CMNS treatment, both the DI-water and oil-machined implants showed statistically the same cell proliferation (*p* value 0.785), indicating that the implants were cleaned from the oil residue.

Introduction

Titanium and its alloys are commonly used for dental implant applications due to the metal's superior mechanical properties, high corrosion resistance, and excellent biocompatibility [1–4]. Despite these advantageous properties, titanium-based dental implants can still undergo premature failure due to inadequate osseointegration [5] and bacterial infection [3–5]. Insufficient osseointegration can lead to aseptic loosening [5], while biofilm formations on the implant surface can cause infection [1] and peri-implantitis [3], leading to possible inflammation and bone loss [4]. The probability of implant failure depends on the implant's interaction in vivo, i.e., in the human mouth. To avoid degradative interactions, implant surface properties are tailored [6–8] by inducing micro-scale [7] or nanoscale roughness [1, 9], which are critical parameters for designing surface topography. As it has been demonstrated in the literature, an unmodified titanium surface is especially susceptible to bacterial infection [1]. Furthermore, it is well acknowledged that the successful implantation of dental implants and their long-term biocompatibility and in vivo lifetime can be enhanced through surface modifications [4, 5, 10]. Consequently, engineering the surface properties of implants directly affects their biocompatibility [5, 8]. The techniques that were found to best enhance the osseointegration and antibacterial properties of implants comprise altering the surface roughness and increasing surface oxidation to modify the thickness of the titanium dioxide layers at the implant/tissue interface leading to promoted cell attachment [10].

In the manufacturing of dental implants, titanium rods are shaped through computer numerical control (CNC) machining in the presence of a machining medium. It is common to use machining oil as a lubricant for increased efficiency of CNC shaping [11]. Following CNC machining, various surface treatments are performed to induce surface structures and oxidation to dental implants. Sandblasted, large grit, acid-etched (SLA) treatment on machined implants are the current preferred processing method to engineer implant surfaces [2]. In this method, a jet of micron-sized abrasive particles are shot towards the implant surface to alter its roughness, followed by

We are the only company that uses DI Pure Water instead of industrial oil for cooling in the CNC production of implant parts.

This is not only a choice, but also the know-how of MODE MEDİKAL. Industrial cooling oils are used to cool cutting tools, which make up a significant portion of production costs. However, these oils can leave a film layer on the produced parts and create an environment for anaerobic bacteria to form. Additionally, these oils become heavy industrial waste after their useful life.

MODE Implant has changed its production protocol with CNC using only pure water based on more than 60 years of expertise from its group company.

jmr Journal of MATERIALS RESEARCH

Article DOI:10.1557/s43578-022-00553-x

Bacteria growth on the oil-machined and sandblasted implants was higher than the implants only machined in oil (p value 0.014) and DI water (p value 0.002).

Cytotoxicity experiments also showed ~ 5% higher cell concentration on the DI-water-machined implants than the oil-machined implants and ~ 10% higher than the oil-machined/ sandblasted implants.

University of Florida & Virginia – USA 2022

MODE MEDİKAL®

MODE IMPLANT

PURE LIKE NATURE

PURE WATER TECHNOLOGY

We are the only company that uses **pure water** instead of industrial oil for cooling in the CNC production of implant parts. This is not only a choice, but also the know-how of MODE MEDİKAL.

CHEMICAL FREE

Parts treated with pure water do not have to be cleaned with chemical compounds afterward. Thus, even in the production of semi-finished products, **no** industrial oil and **chemicals** are released into the nature.

ACID FREE

In the surface treatment of the implants, we use pure organic material consisting of >65% Hydroxyapatite. Thus, **we do not** have to **use acid compounds** to clean the particles remaining on the surface.

ZERO WASTE

Since we do not use inorganic sandblasting materials, **acid and inorganic waste are not released** into the nature. With these production principles, we get as close as possible to our **zero waste** target.

LOW CARBON FOOTPRINT

MODE MEDİKAL has recently been awarded the C+ Energy Efficient Company Certificate for its efforts in **reducing** its **carbon footprint** by using energy resources in the most efficient way possible.


SAVE
THE
EARTH

DENTAL IMPLANTS

CASE FOR THE IMPLANT OR
IMPLANT FOR THE CASE?
MODE IMPLANT OFFERS
PERFECT FIT FOR ANY CASE.

INTERNAL CONICAL

RAPID

SHORTER

Immediate Implantation & Immediate Loading

The immediate-implant group has the optimum balance between a design that provides high primary stability and a design that does not create significant stress on the bone.

LEVEL

SHORT

For all indications

Provides perfect esthetics and clinical results for all bone types, from the simplest to the most complicated cases.

ONE-PIECE

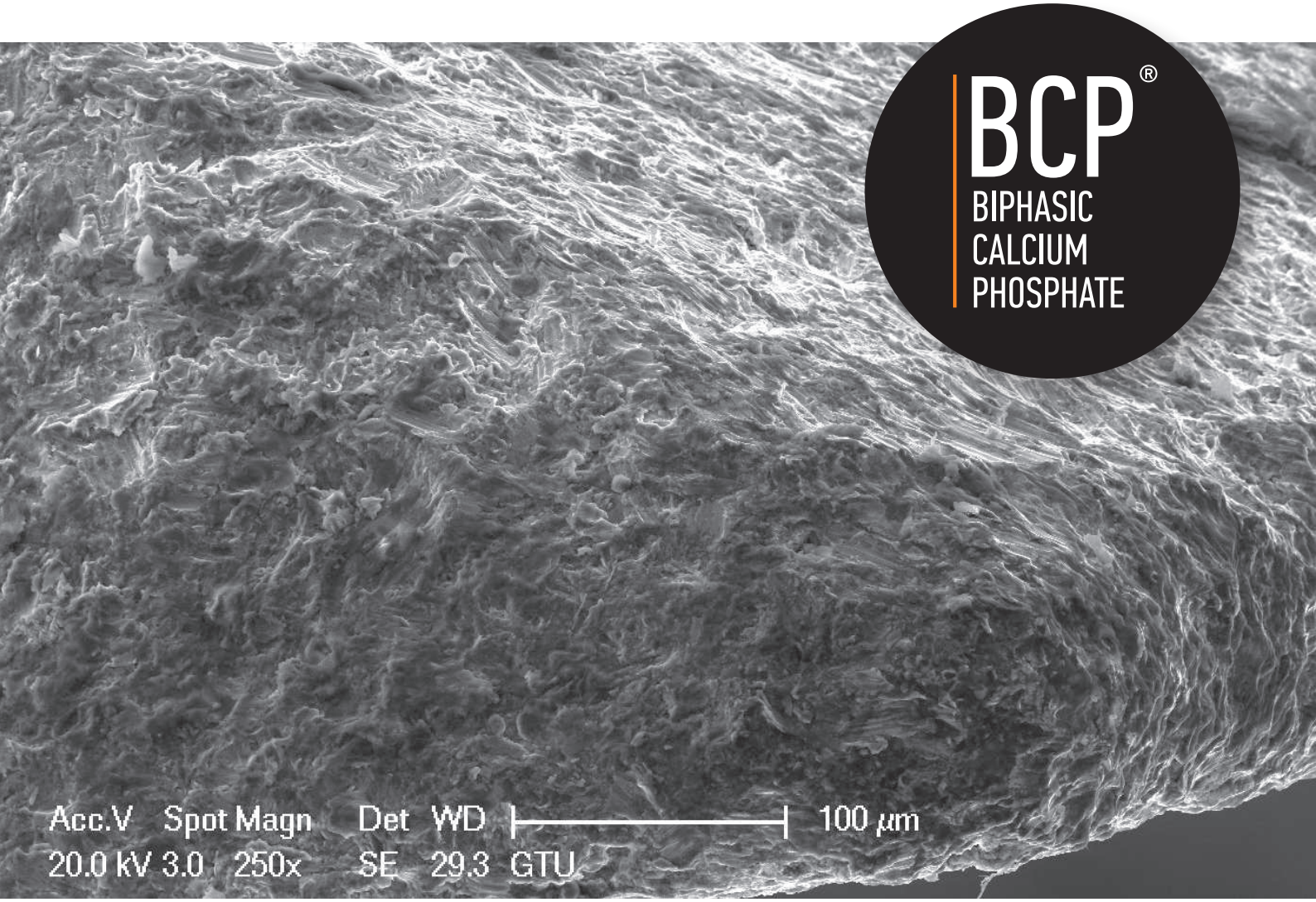
PROVO C SERIES

PROVO S SERIES

MINI SERIES

One-Piece Implant System

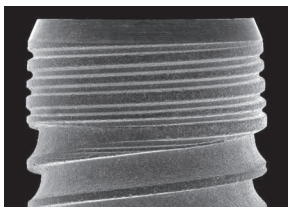
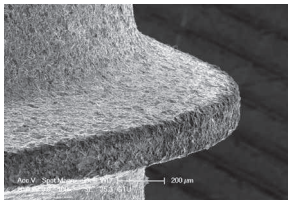
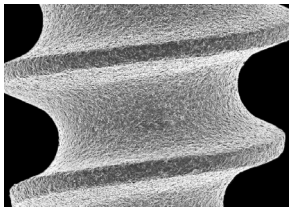
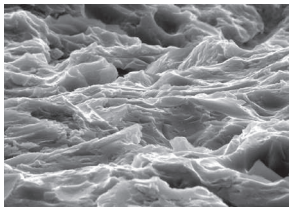
You don't have to worry about choosing the right abutment anymore. With PROVO series' bendable implant system, you can easily bend the abutment part to reach the desired angle for your prosthesis.



HA Hydroxyapatite OSTEOBLASTIC BCP SURFACE MORPHOLOGY

The Perfect HA Osteoblastic homogeneous surface morphology provides an ideal Bone-Implant Contact (BIC) with 100% biocompatible Biphasic Calcium Phosphate (BCP) surface treatment.

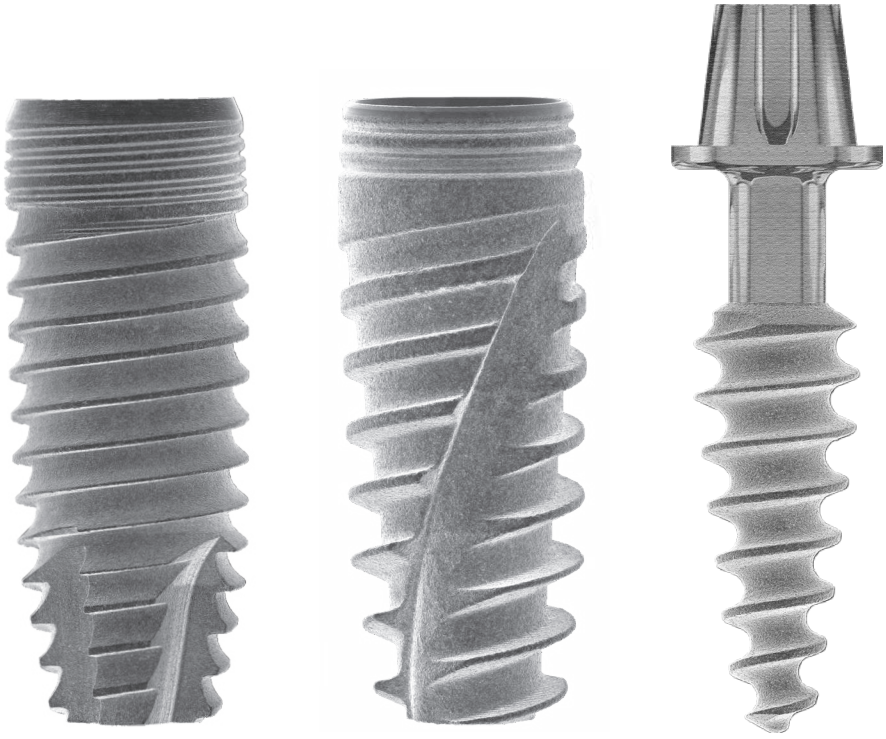
Biocompatibility Cleanliness Osseointegration

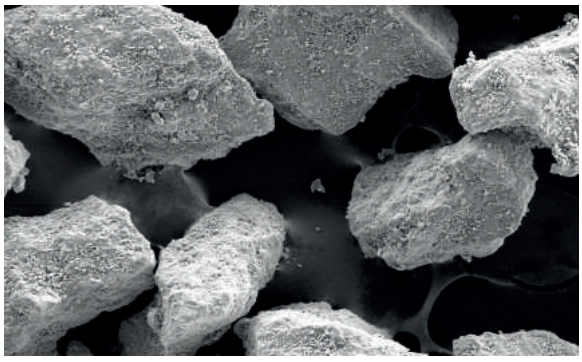
Perfect BIC (Bone-Implant Contact)

BCP Surface Treatment

Hydroxyapatite calcium phosphate ceramics are major biomaterials in the dental field. They consist of hydroxyapatite and tricalcium phosphate and show similar properties of bone minerals. MODE Implant uses biocompatible BCP (Biphasic Calcium Phosphate) containing over 65% HA and micro blast technology for surface blasting to obtain a homogenous topography.



LEVEL **RAPID** **PROVO**



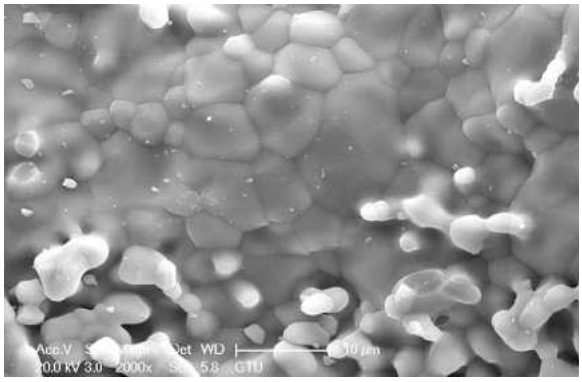
Phase Composition:

HA/B-TCP BIPHASIC CALCIUM PHOSPHATE

Hydroxyapatite.....>65%,

b-TCP, a-TCP and TTCP phase.....<35%

Other Ca-P phases.....<5%



Perfect BIC Bone-Implant Contact

MODE Implant products that are blasted with USA-originated Biphasic Calcium Phosphate and Micro-Blast Technology have strong osseointegration. Our implants have the morphology that allows osseointegration in a short time by supporting mechanical fixation.

The excellent reaction between calcium ions and bone tissue provides perfect bone-implant contact during the osseointegration process.

MODE IMPLANT

INTERNAL CONICAL
OCTAGON CONNECTION

Innovative Octa Implant-Abutment Connection System

The Morse Taper Implant-Abutment conical connection system reduces the force points that consist of overloading stresses to the conical surfaces. This increases resistance and decreases the risk of bone resorption against the curvature and distortion moments by distributing the force.

The perfect mechanical connection design minimizes the possible load to the center and connection screw in Implant-abutment correlation. The perfect overlap with Cold Weld Connection protects against microleaks.

OCTA CONICAL CONNECTION

OCTAFIT "Color Code Platform Concept"

NP NARROW PLATFORM

Ø3.3 - Ø3.7

RP REGULAR PLATFORM

Ø4.1 - Ø4.7 - Ø5.2

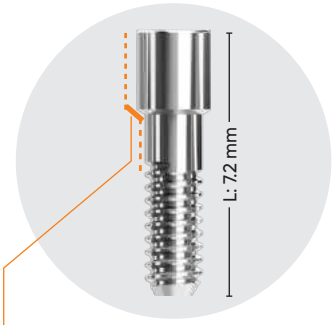
AMAZING COMBINATION
OF CONICAL CONNECTIONS

Single Abutment Screw
for all Abutments

All MODE models have a single screw (M1.6) for the implant-abutment connection, which provides great comfort in both clinical and laboratory settings.

Too short to break L: 7.2 mm

Short design that increases the breaking momentum to maximum compared to competing products.

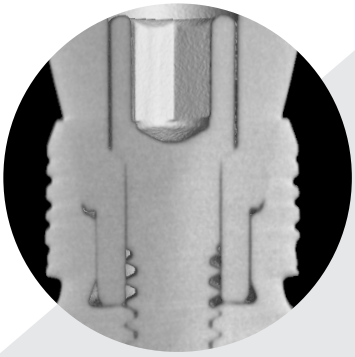


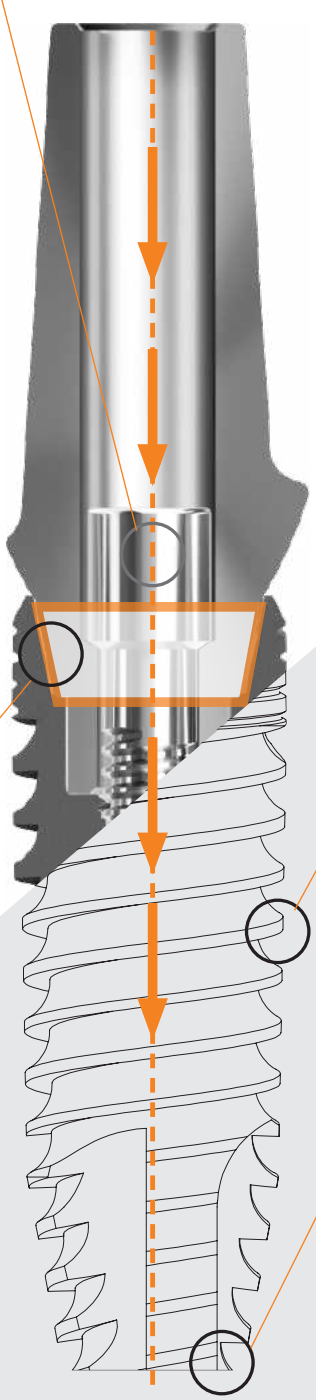
Screw and abutment conical interface

Conical seating prevents screw loosening after loading.

Perfect Overlap with Cold Weld Connection

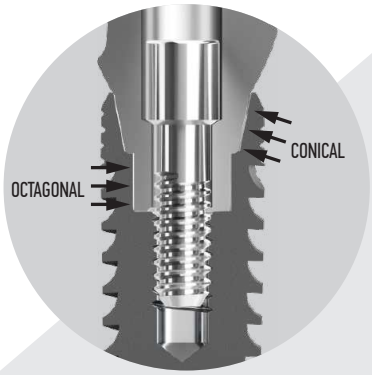
Increases the mechanical strength and decreases the risk of bone resorption due to imbalanced force distribution. Seamless conical connection prevents bacterial leakage with minimum risk of "pumping effect".





Internal Conical Octagon Connection

- Secure Prosthetic Positioning
- Platform Switching
- High Esthetics
- Conical Connection & Octagonal Interlocking
- High Mechanical Strength
- Tight Sealing



Primary Stability Secured

Proven advantages of reverse buttress threads secures primary stability even in compromised bones.

- Concave sleek design reduces stress and helps self tapping while gradually compressing bone.

Root-Like Apical Part

Reinforced apex structure provides uniform distribution of forces within the bone.

- Self-drilling & self-tapping
- Ability to change path
- Secure initial stability
- Can penetrate into narrow osteotomy
- Optimal anchorage

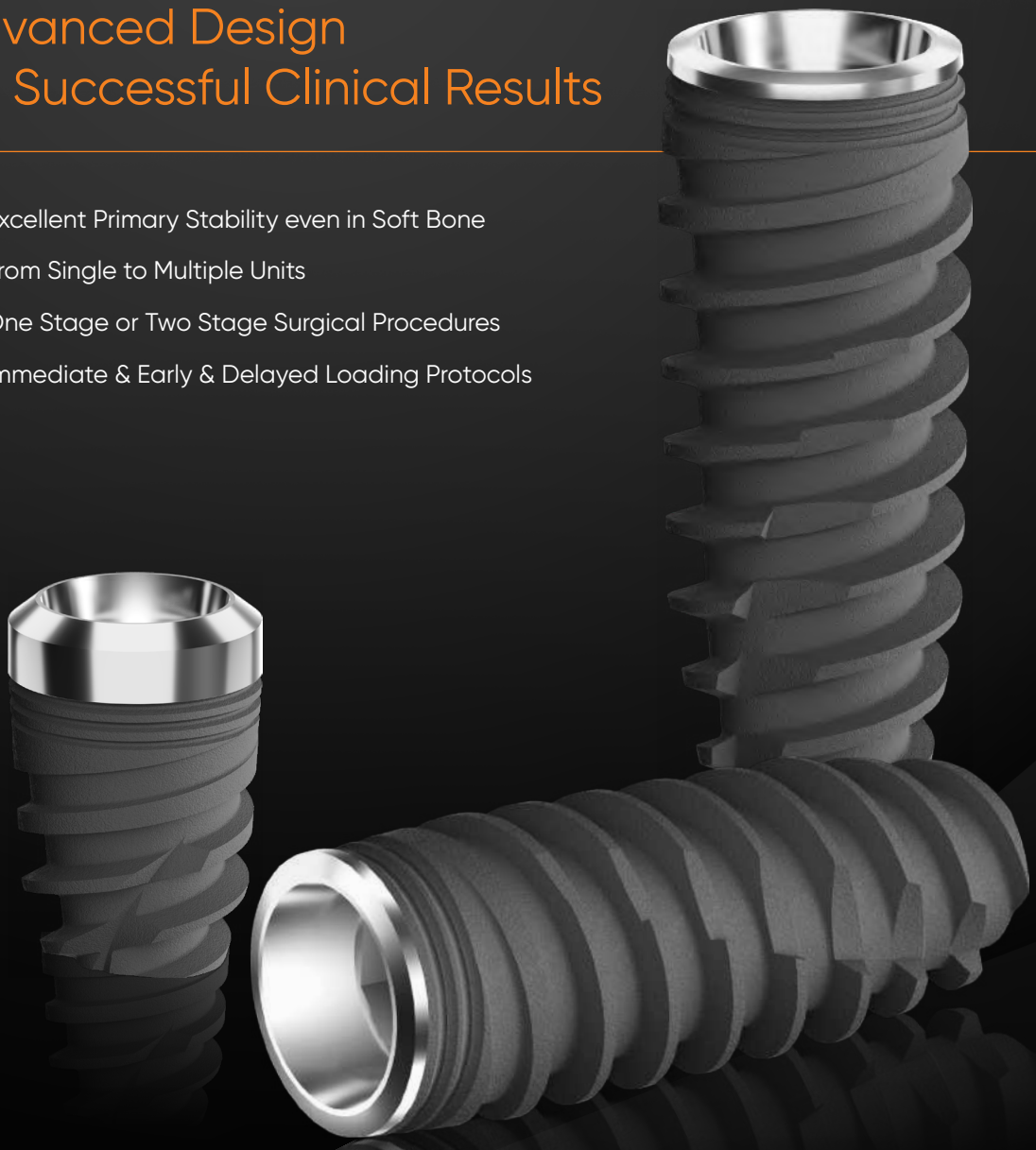
IMMEDIATE IMPLANTATION & IMMEDIATE LOADING

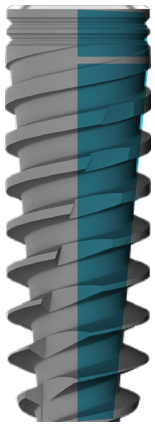
RAPID Implant

SHORTER Implant

Advanced Design for Successful Clinical Results

- Excellent Primary Stability even in Soft Bone
- From Single to Multiple Units
- One Stage or Two Stage Surgical Procedures
- Immediate & Early & Delayed Loading Protocols

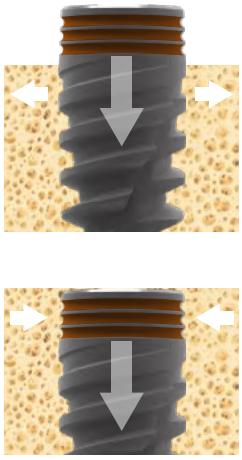




Tapered Core & Back Tapered Coronal Design

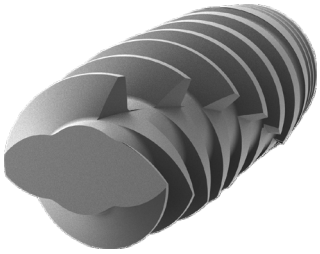
Allows for maximum alveolar bone volume around Implant for improved soft tissue support

- Reduced stress on cortical bone
- Maximum bone volume
- Maximum soft tissue volume
- Greater surface area
- High primary stability
- Easy insertion



Narrow Core Apex Design & Reverse Cutting Threads

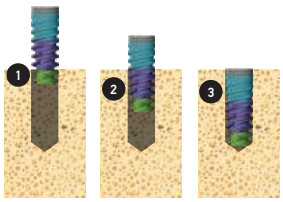
- Self drilling & self tapping
- Easy insertion
- High initial stability in apical part
- Bone condensing design
- Double spiral flutes
- Counter-clockwise cutting
- Active Axis Control
- Double thread with 2,4mm steps for faster insertion

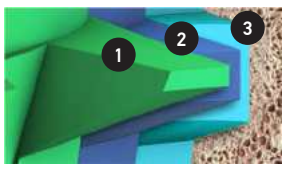


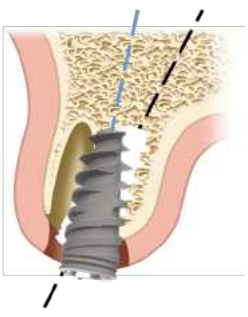
Bone Condensing Body & Unique Thread Design

Variable thread design from coronal to apical part allows gradual bone condensing

- Provides excellent primary stability even in soft bone
- Provides narrow ridge expansion







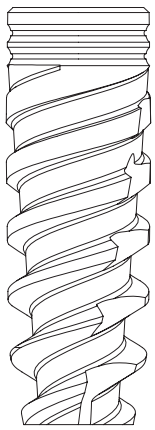
Allows directional changes for optimal restorative position

- The self-drilling feature makes it possible to change direction of the Implant during Implant placement.
- Gradual bone condensing and high initial stability

RAPID IMPLANT

Higher Primary Stability

- Back tapered coronal design & micro threads
- Tapered implant body
- Excellent primary stability in soft bone
- Flexible surgical protocol
- Immediate & early & conventional loading
- Octagon connection

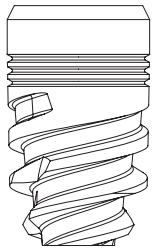


DIAMETERS
Ø3.3 mm
Ø3.7 mm
Ø4.1 mm
Ø4.7 mm
Ø5.2 mm

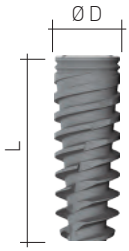
SHORTER IMPLANT

Even Shorter...

- 5mm implant is the shortest screwed-in implant with internal octagon connection.
- Easy solution for the bones needing complex vertical bone augmentations
- Indicated for fixed or removable dental restorations in situations with severely resorbed bone.

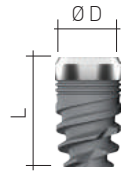


DIAMETERS
Ø3.7 mm
Ø4.1 mm
Ø4.7 mm
Ø5.2 mm



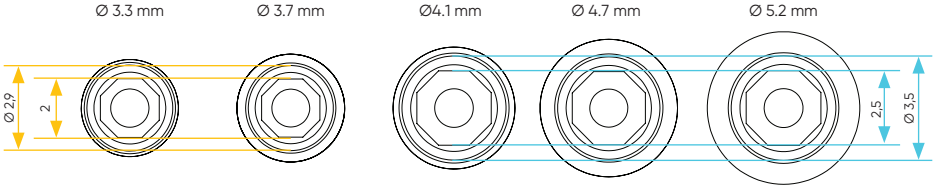
RAPID IMPLANT

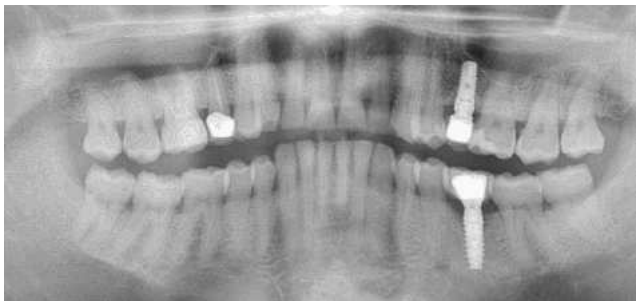
Platform	NP		RP		
Implant Ø (D)	**3.3 mm**	**3.7 mm**	**4.1 mm**	**4.7 mm**	**5.2 mm**
Length (L)					
8 mm	01.08.08.33	01.08.08.37	01.08.08.41	01.08.08.47	01.08.08.52
10 mm	01.08.10.33	01.08.10.37	01.08.10.41	01.08.10.47	01.08.10.52
11.5 mm	01.08.115.33	01.08.115.37	01.08.115.41	01.08.115.47	01.08.115.52
13 mm	01.08.13.33	01.08.13.37	01.08.13.41	01.08.13.47	01.08.13.52
16 mm	01.08.16.33	01.08.16.37	01.08.16.41	01.08.16.47	01.08.16.52



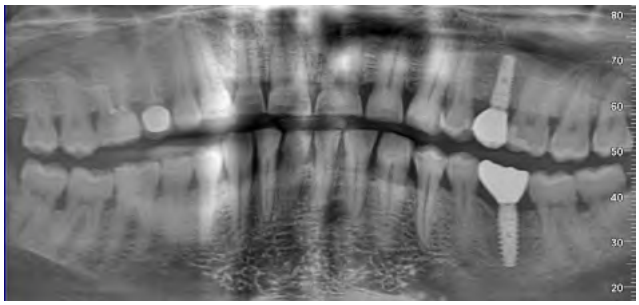
SHORTER IMPLANT

Platform	NP		RP		
Implant Ø (D)	**3.3 mm**	**3.7 mm**	**4.1 mm**	**4.7 mm**	**5.2 mm**
Length (L)					
5 mm + 1 mm		01.04.05.37	01.04.05.41	01.04.05.47	01.04.05.52

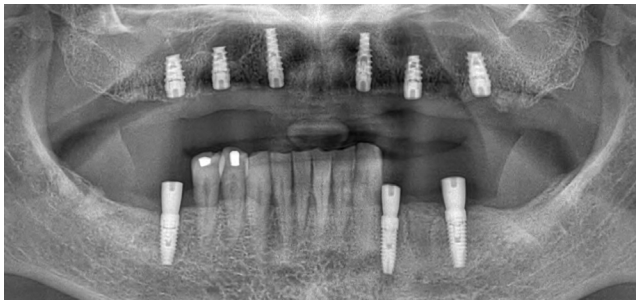




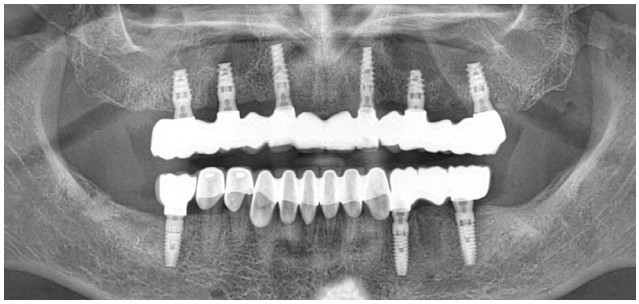
Male-48 **2011**



12 Years Follow-Up



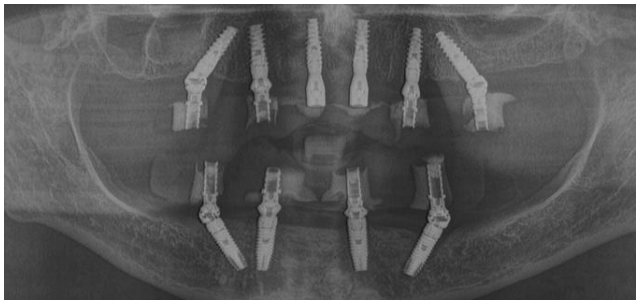
Female-62 **2015**



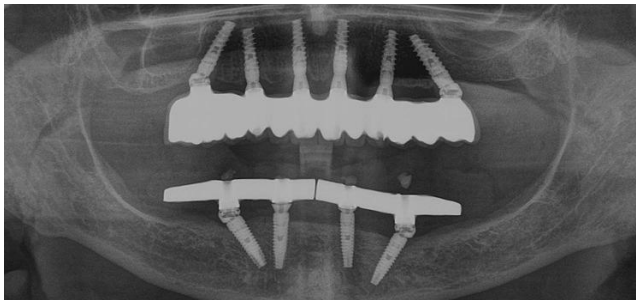
8 Years Follow-Up

Male-45 **2016**

5 Years Follow-Up



Female-46 **2016**



7 Years Follow-Up

NEW TAPERED DESIGN FOR ALL INDICATIONS

LEVEL Implant

SHORT Implant

Advanced Design for Unique Clinical Results

- Better initial stability for all bone types
- From single to multiple units
- One stage or two stage surgery
- Immediate & early & delayed loading protocol

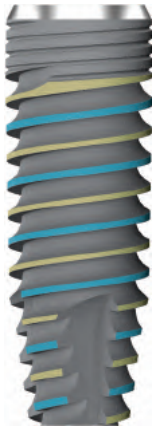
The Mode LEVEL Tapered Implant comes with a number of excellent features designed for convenient handling as well as outstanding clinical performance.

Tapered Body Core

- Smooth and gentle bone penetration
- Excellent bone grip
- High primary stability
- Improved stress distribution
- Reduced pressure on cortical bone
- Long-term esthetics

Back Tapered Coronal Design & Micro Threads

Back Tapered Design allows maximized crestal bone preservation and microgap control. Allows for maximum alveolar bone volume around implant for improved soft tissue support

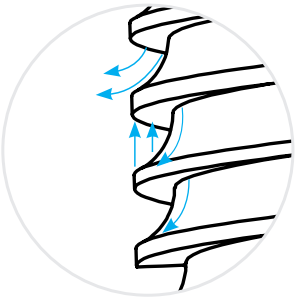


Double Thread Design

- Easy and faster implant insertion
- Greater stability
- Smoother penetration
- Excellent gripping in bone

Reverse Buttress Double Thread Design

- Easy insertion
- Faster insertion
- Better initial stability
- Smoother penetration
- Excellent grip in bone



Torpedo tip with 4-cutting edges

Designed to achieve primary stability in soft bone and allows for under-preparation.

- The self-drilling feature makes it possible to change direction of the Implant during Implant placement.

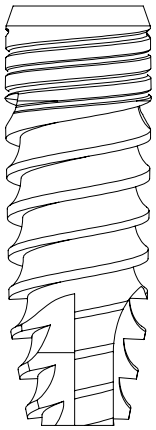
Self Tapping & Self Bone Condensing

- Osteotome-like-condensing tapered implant core
- Smooth and gentle bone penetration
- High bone condensation properties

LEVEL IMPLANT

Innovative & Advanced Design

- Back tapered coronal design & micro threads
- Reverse buttress double thread
- Apically tapered implant body
- Excellent primary stability and excellent control during placement for all bone types
- Self tapping
- One stage or two stage surgery
- Immediate & early & conventional loading
- Octagon connection

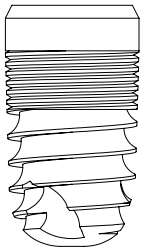


DIAMETERS
Ø3.3 mm
Ø3.7 mm
Ø4.1 mm
Ø4.7 mm
Ø5.2 mm

SHORT IMPLANT

No Need for Augmentation

- 6mm+1 mm Polished Transgingival Part
- Deep reverse-buttress threads for primary stability and bone compression
- Ideal for athrophied edentulous posterior region



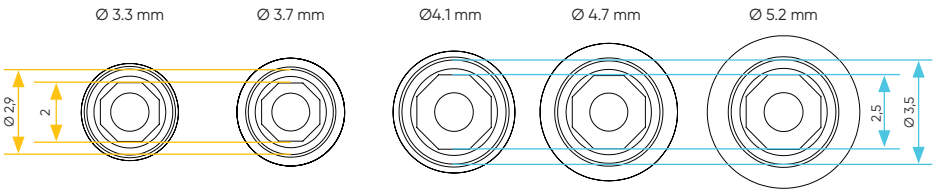
DIAMETERS
Ø3.7 mm
Ø4.1 mm
Ø4.7 mm
Ø5.2 mm

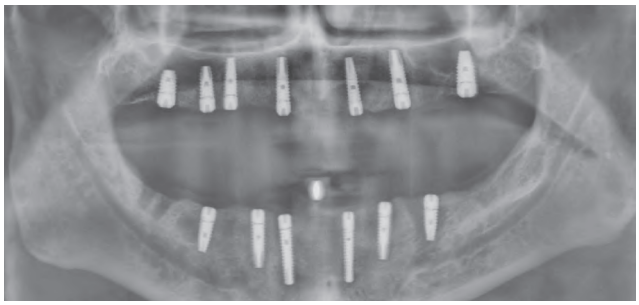
LEVEL IMPLANT

Platform	NP		RP		
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm	5.2 mm
Length (L)					
8 mm	01.07.08.33	01.07.08.37	01.07.08.41	01.07.08.47	01.07.08.52
10 mm	01.07.10.33	01.07.10.37	01.07.10.41	01.07.10.47	01.07.10.52
11.5 mm	01.07.115.33	01.07.115.37	01.07.115.41	01.07.115.47	01.07.115.52
13 mm	01.07.13.33	01.07.13.37	01.07.13.41	01.07.13.47	01.07.13.52
16 mm	01.07.16.33	01.07.16.37	01.07.16.41	01.07.16.47	01.07.16.52

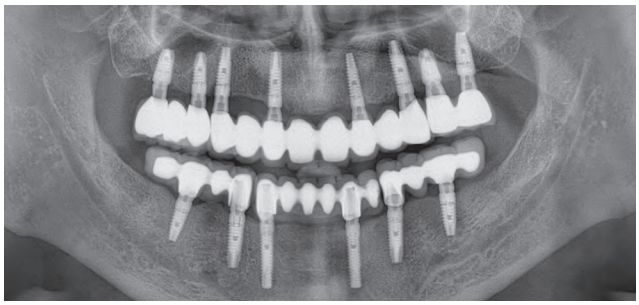
SHORT IMPLANT

Platform	NP		RP		
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm	5.2 mm
Length (L)					
6 mm + 1 mm		01.04.06.37	01.04.06.41	01.04.06.47	01.04.06.52

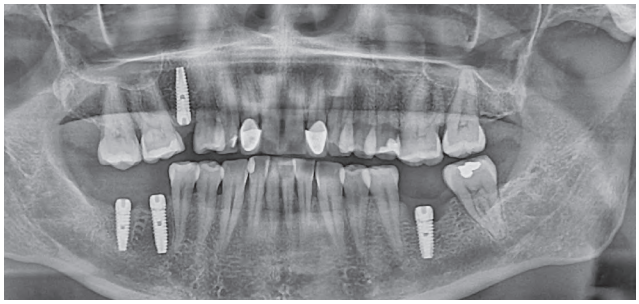




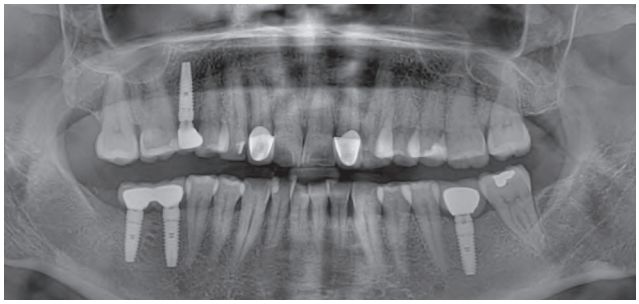
Male-54 **2018**



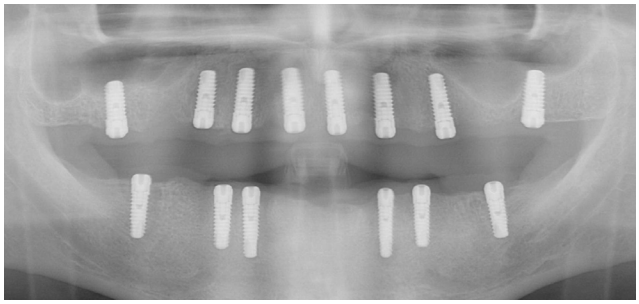
5 Years Follow-Up



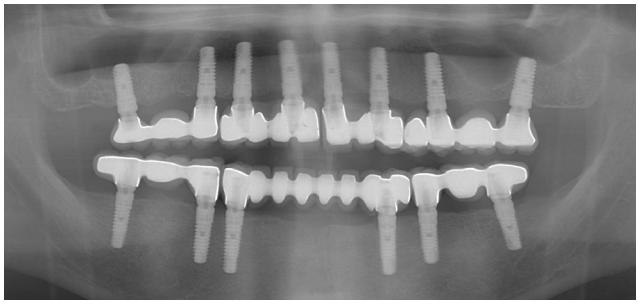
Female-44 **2016**



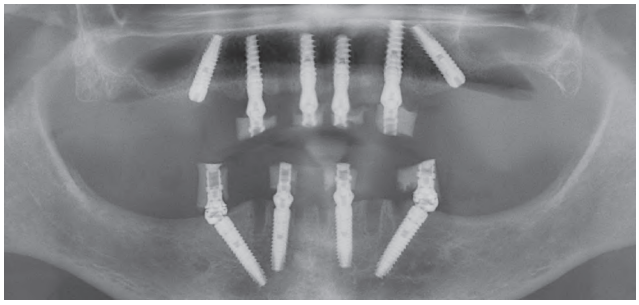
7 Years Follow-Up



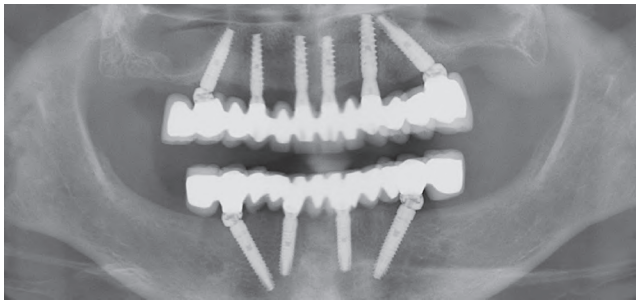
Male-56 **2017**



6 Years Follow-Up



Female-50 **2017**



6 Years Follow-Up

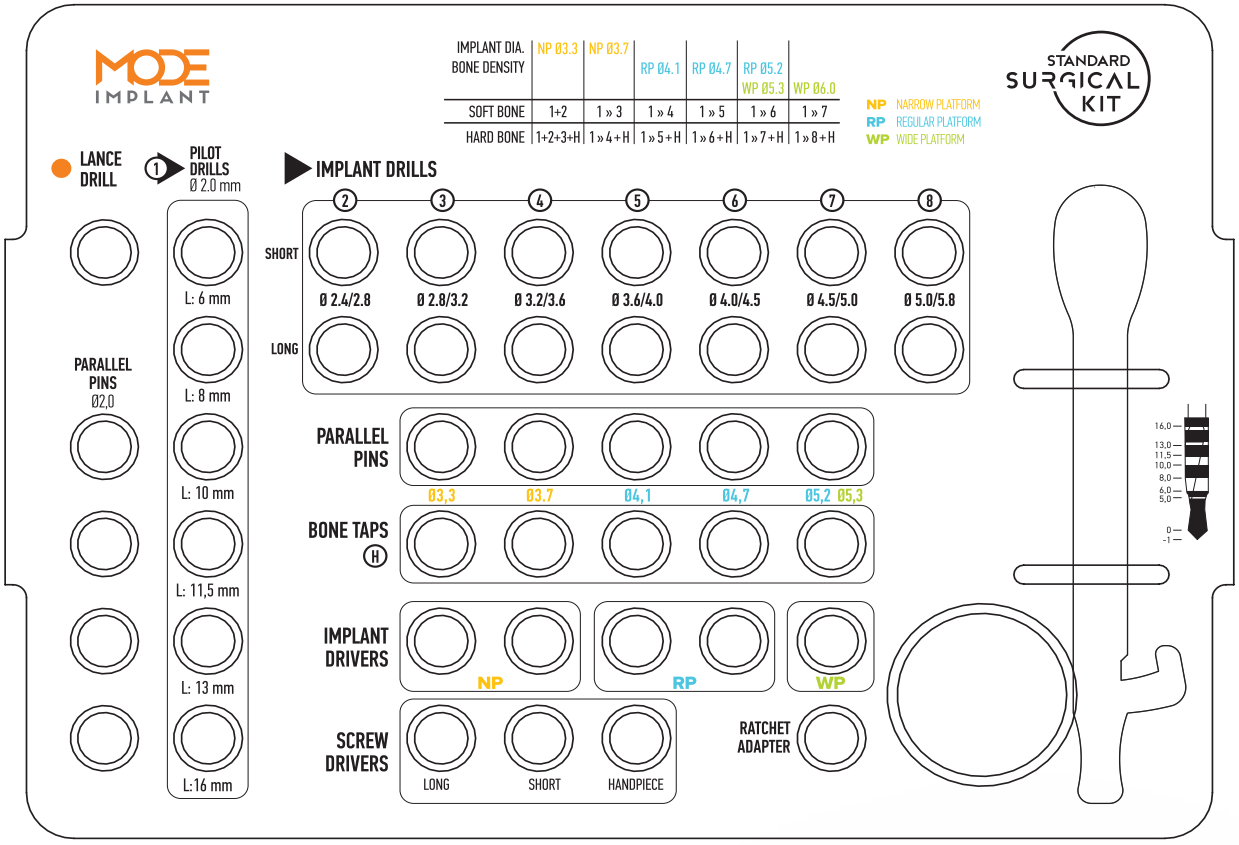
SURGICAL KIT

JUST ONE


JUST ONE SURGICAL KIT
JUST ONE


JUST ONE DRIVER
JUST ONE

SURGICAL KIT LAYOUT



STANDARD INSTRUMENTS

- Lance (Marker) Drill
- Stopper Pilot Drills Ø2.0 mm
  L: 6 - 8 - 10 - 11,5 - 13 - 16 mm
- Implant Twist Drills (Short 34mm)
  Ø2.4/2.8 - Ø2.8/3.2 - Ø3.2/3.6 - Ø3.6/4.0 - Ø4.0/4.5 - Ø4.5/5.0
- Drill Extender
- Parallel Pins
  Ø2.0 / 3.3 / 3.7 / 4.1 / 4.7 mm
- Bone Taps
  Ø3.3/ 3.7 / 4.1 / 4.7 / 5.2 mm
- Implant NP/RP Drivers (Long & Short)
- Screw Drivers (Long & Short)
- Torque Wrench/Ratchet & Adapter
- Handle
- Metal Holder

Torque Ratchet **Handle** **Metal Holder**

* The images shown here may not accurately represent the actual products.

SURGICAL INSTRUMENTS

IMPLANT DRILLS AND PARALLEL PINS

LANCE DRILL

	REF.
	66.01.01.00

DRILL EXTENDER

	REF.
	66.14.00.00

Ø2 mm PILOT DRILLS (With Stoppers)

	REF.
L: 6 mm	66.02.06.00
L: 8 mm	66.02.08.00
L: 10 mm	66.02.10.00
L: 11,5 mm	66.02.115.00
L: 13 mm	66.02.13.00
L: 16 mm	66.02.16.00

IMPLANT DRILLS

	REF.
 Ø 2.4 / 2.8	66.03.01.60
Ø 2.8 / 3.2	66.03.01.33
Ø 3.2 / 3.6	66.03.01.37
Ø 3.6 / 4.0	66.03.01.41
Ø 4.0 / 4.5	66.03.01.47
Ø 4.5 / 5.0	66.03.01.53

PARALEL PINS

	REF.
 Ø 2.0	66.06.01.20
Ø 3.3	66.06.01.33
Ø 3.7	66.06.01.37
Ø 4.1	66.06.01.41
Ø 4.7	66.06.01.47
Ø 5.2	66.06.01.53

HARD BONE DRILLS

PROFILE DRILLS

	REF.
 Ø 3.3	66.05.01.33
Ø 3.7	66.05.01.37
Ø 4.1	66.05.01.41
Ø 4.7	66.05.01.47
Ø 5.2	66.05.01.53

LEVEL BONE TAPS

	REF.
 Ø 3.3	66.07.01.33
Ø 3.7	66.07.01.37
Ø 4.1	66.07.01.41
Ø 4.7	66.07.01.47
Ø 5.2	66.07.01.53

RAPID BONE TAPS

	REF.
 Ø 3.3	66.07.02.33
Ø 3.7	66.07.02.37
Ø 4.1	66.07.02.41
Ø 4.7	66.07.02.47
Ø 5.2	66.07.02.53

DRIVERS

IMPLANT DRIVERS

SCREW DRIVERS

TORQUE RATCHET

HANDLE

OPTIONS

TREPHINE

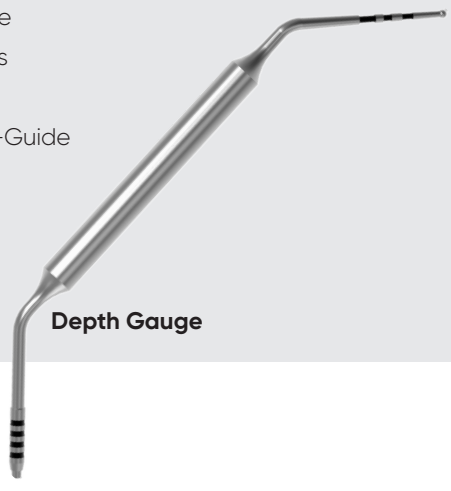
ADAPTERS

PUNCH

DEPTH GAUGE

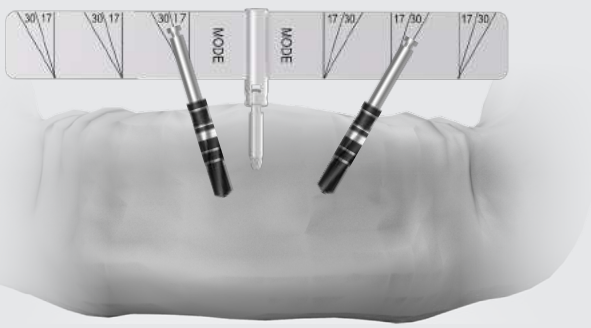
OPTIONAL INSTRUMENTS

- Implant Twist Drills (Long 40mm)
  Ø2.4/2.8 - Ø2.8/3.2 - Ø3.2/3.6 - Ø3.6/4.0 - Ø4.0/4.5 - Ø4.5/5.0
- Parallel Pins Ø5.2
- Profile (Countersink) Drills Ø3.3/ 3.7 / 4.1 / 4.7 / 5.2 mm
- Screw Drivers (Handpiece)
- Multi-Unit Adapter for Ratchet
- Depth Gauge
- Trephine Drills
- Tissue Punch
- Quattrofix U-Guide



Depth Gauge

QUATTROFIX U-GUIDE



PROSTHETICS SYSTEMS

- Cement Retained
- Overdenture Restoration
- Screw Retained
- Digital CAD/CAM Solutions

Choose Your Plan

Screw Retained Solutions
DIRECT or **DIGITAL**

Direct Abutment

Ti-Base Abutment

Soft Tissue Management

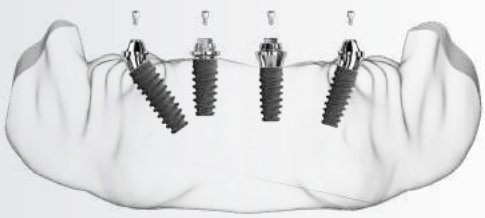
Esthetic Gingival Contour

Screw Retained
NEW **Multi Unit** 0-17°-30°
Abutments

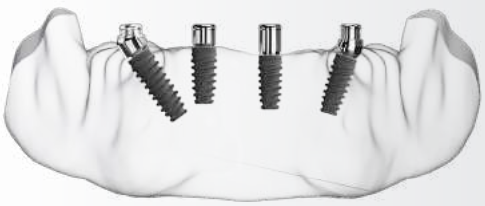
Cement Retained
Esthetic 0-15°-25°
Abutments

Hybrid Multi Functions

Quattrofix Full Mouth Restorations

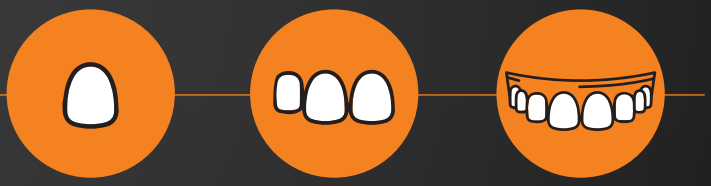


Screw Retained
NEW **Multi Unit** 0-17°-30° Abutments



Overdenture
Multi Base 0-17°-30° Abutments

CEMENT RETAINED



SINGLE RESTORATION

PARTIAL RESTORATION

TOTAL RESTORATION

CEMENT RETAINED

- Trim indicator for easy trimming
- Anti-rotational flat side for single tooth restoration
- Suitable for screw-retained solution
- 0.5 mm gingival height option for thin keratinized tissue

DIRECT Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
Profile Ø	Ø4.0 mm		Ø5.0 mm		
H: 0,5 mm	02.03.06.03		02.03.11.35		
H: 1.0 mm	02.03.07.03		02.03.12.35		
H: 2.0 mm	02.03.08.03		02.03.13.35		
H: 3.0 mm	02.03.09.03		02.03.14.35		
H: 4.0 mm	02.03.10.03		02.03.15.35		

- Imitates the anatomic form of the gingiva
- Ideal for anterior cases
- Meets high esthetic expectations

ESTHETIC Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
Profile Ø	Ø4.0 mm		Ø5.0 mm		
H: 1.0 mm	02.13.01.03		02.13.01.35		
H: 2.0 mm	02.13.02.03		02.13.02.35		
H: 3.0 mm	02.13.03.03		02.13.03.35		

- Imitates the anatomic form of the gingiva
- 15° and 25° angled
- 8 different abutment positioning with octagon connection

15° ESTHETIC Abutment

Platform	NP		RP		
Implant	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 1.0 mm	02.08.01.03		02.08.01.35		
H: 2.0 mm	02.08.02.03		02.08.02.35		
H: 3.0 mm	02.08.03.03		02.08.03.35		
H: 4.0 mm	02.08.04.03		02.08.04.35		

25° ESTHETIC Abutment

Platform	NP		RP		
Implant	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 1.0 mm	02.09.01.03		02.09.01.35		
H: 2.0 mm	02.09.02.03		02.09.02.35		
H: 3.0 mm	02.09.03.03		02.09.03.35		
H: 4.0 mm	02.09.04.03		02.09.04.35		

- Thicker wall design for maximum grinding
- Wide shoulder for big crowns
- Longer post height for long crowns
- Stronger structure for occlusal forces

WIDE PROFILE Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
Profile Ø	Ø4.5 mm		Ø5.5 mm		
H: 1.0 mm	02.01.01.03		02.01.01.35		
H: 2.0 mm	02.01.02.03		02.01.02.35		
H: 3.0 mm	02.01.03.03		02.01.03.35		

HEALING ABUTMENTS

Extensive selection of healing abutments in Narrow (NP) and Regular Platforms (RP).

- It helps to establish a proper emergence profile.
- Polished titanium surface for excellent tissue response.
- The top of the healing abutment is laser marked with height and diameter for easy identification.

HEALING ABUTMENT

Platform	NP		RP		
Diameter	Ø4.0 mm	Ø4,5 mm	Ø4.5 mm	Ø5.0 mm	Ø5.5 mm
Lenght					
2 mm	04.04.02.03	04.45.02.03	04.45.02.35	04.05.02.35	04.55.02.35
4 mm	04.04.04.03	04.45.04.03	04.45.04.35	04.05.04.35	04.55.04.35
6 mm	04.04.06.03	04.45.06.03	04.45.06.35	04.05.06.35	04.55.06.35

CONVENTIONAL IMPRESSION TRANSFERS

IMPLANT LEVEL IMPRESSION TRANSFER

Platform	Implant	Closed Tray	Open Tray	Analog
NP NARROW PLATFORM	Ø3.3-Ø3.7			
RP REGULAR PLATFORM	Ø4.1-Ø4.7-Ø5.2			

Closed Tray

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
Short	05.07.20.03		05.07.20.35		
Long	05.07.00.35		05.07.00.35		

Open Tray

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
Short	05.07.30.03		05.07.30.35		
Long	05.07.10.03		05.07.10.35		

Analog

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
	08.00.00.03		08.00.00.35		

CEMENT RETAINED ABUTMENTS
PROSTHETIC PROTOCOL


PROFILE
Abutment


DIRECT
Abutment


ESTHETIC
Abutment


ESTHETIC 15°
Abutment


ESTHETIC 25°
Abutment

IMPLANT LEVEL IMPRESSION

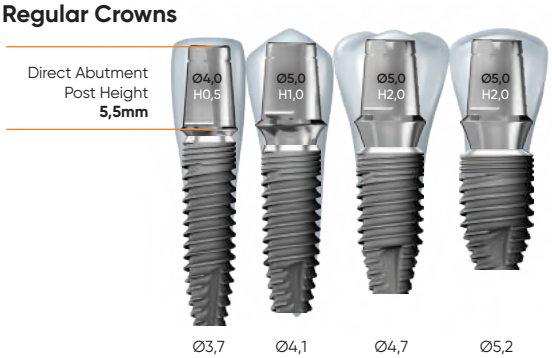

Healing
Abutment


Impression Coping
Closed Tray

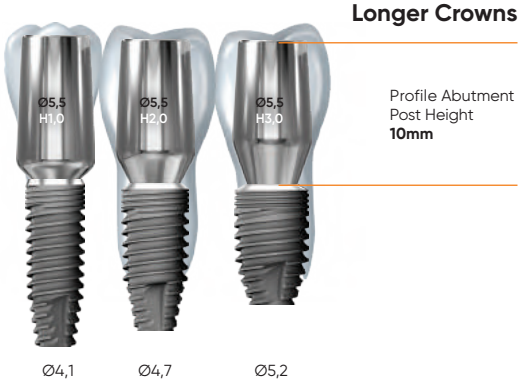

Impression Coping
Open Tray


Lab.
Analog

Regular Crowns



Longer Crowns



OVERDENTURE RESTORATION

TOTAL
RESTORATION

BALL ABUTMENT
(Compatible with Rhein 83 plastic & metal housing)

LOCATOR ABUTMENT
(Compatible with Zest Anchor & Kerator)

OVERDENTURE
RESTORATION SOLUTIONS

- Easy solution for atrophic jaws where parallelism taken into consideration
- Relatively cost-effective solution

BALL Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 0.5 mm	02.06.050.03		02.06.050.35		
H: 1.0 mm	02.06.01.03		02.06.01.35		
H: 2.0 mm	02.06.02.03		02.06.02.35		
H: 3.0 mm	02.06.03.03		02.06.03.35		
H: 4.0 mm	02.06.04.03		02.06.04.35		
H: 6.0 mm	02.06.06.03		02.06.06.35		

- Ideal solution for where parallelism is compromised
- Can tolerate ±20° divergence
- Compatible with male/female elastic caps
- Compatible with Zest Anchor and Kerator

LOCATOR Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 0.5 mm	02.07.050.03		02.07.050.35		
H: 1.0 mm	02.07.01.03		02.07.01.35		
H: 2.0 mm	02.07.02.03		02.07.02.35		
H: 3.0 mm	02.07.03.03		02.07.03.35		
H: 4.0 mm	02.07.04.03		02.07.04.35		
H: 6.0 mm	02.07.06.03		02.07.06.35		

- Offers overdenture on tilted implants (17 - 30)
- Ball Abutment & Locator options
- Easy occlusal plane adjustment with different post heights
- Offers conversion from fixed prothesis easily
- Suitable for overdenture and hybrid restorations

17° MULTI-BASE Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 2.5 mm	02.14.01.03		02.14.01.35		
H: 3.5 mm	02.14.02.03		02.14.02.35		

30° MULTI-BASE Abutment

Platform	NP		RP		
Implant Ø	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 3.5 mm	02.14.03.03		02.14.03.35		
H: 4.0 mm	02.14.04.03		02.14.04.35		

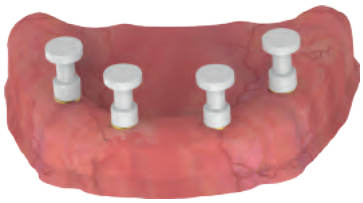
MULTI-BASE **OVERDENTURE** RESTORATION WORKFLOW

MULTI-BASE BALL ABUTMENT

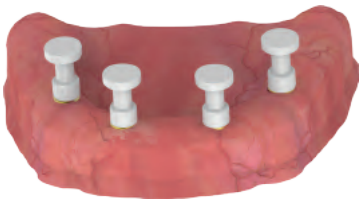
MULTI-BASE LOCATOR ABUTMENT

Multi-base Ball abutments fixed in correct position in mouth.

Multi-base Locator abutments fixed in correct position in mouth.



Pick-up plastic impression copings attached on top parts.



Pick-up plastic impression copings attached on top parts.

Impression is transferred in stone model.

Impression is transferred in stone model.

Lab fabricates total denture with retainers.

Lab fabricates total denture with retainers.

OVERDENTURE ABUTMENTS
PROSTHETIC PROTOCOL

BALL ABUTMENT

BALL Abutment

MULTI-BASE 17° BALL COVER Abutment

MULTI-BASE 30° BALL COVER Abutment

LOCATOR ABUTMENT

LOCATOR Abutment

MULTI-BASE 17° BALL COVER Abutment

MULTI-BASE 30° BALL COVER Abutment

HEALING Abutment

IMPLANT LEVEL IMPRESSION

Impression Coping Closed Tray

Impression Coping Open Tray

Lab. Analog

ABUTMENT LEVEL IMPRESSION

Ball Pick-Up Closed Tray Plastic

Locator Pick-Up Closed Tray Plastic

Ball Abutment Lab. Analog

Locator Abutment Lab. Analog

Metal Housing

Plastic Housing

O-ring (Plastic)

Metal Housing

Plastic Housing

SCREW RETAINED MULTI-UNIT ABUTMENT

PARTIAL
RESTORATION

TOTAL
RESTORATION

NEW design

SCREW RETAINED RESTORATION SOLUTIONS

MULTI-UNIT Abutment (ONE-PIECE)

- Round contour eliminates the need for crestal bone removal for proper seating
- Suitable for screwed and removable restorations
- Wide shoulder for precise sitting
- Straight and angled (17°, 30°)
- Easy handling
- Suitable for digital restoration
- Comparably narrower design for the maximum strength of the final crown

MULTI-UNIT Abutment

Platform	NP		RP		
Implant	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 1.5 mm	02.16.15.03		02.16.15.35		
H: 2.5 mm	02.16.25.03		02.16.25.35		
H: 3.5 mm	02.16.35.03		02.16.35.35		
H: 4.5 mm	-		02.16.45.35		

17° MULTI-UNIT ANGLED Abutment

Platform	NP		RP		
Implant	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 2.5 mm	02.14.05.03		02.14.05.35		
H: 3.5 mm	02.14.06.03		02.14.06.35		

30° MULTI-UNIT ANGLED Abutment

Platform	NP		RP		
Implant	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 3.5 mm	02.14.07.03		02.14.07.35		
H: 4.5 mm	02.14.08.03		02.14.08.35		

Multi Unit Temporary Abutment
33.00.00.11

Multi Unit Burn Out Plastic
33.00.00.08

M1.4 Prosthetic Screw
06.01.01.04

Multi Unit Open Tray Impression Coping
33.00.12.04

Multi Unit Open Tray Impression Coping
33.00.12.04

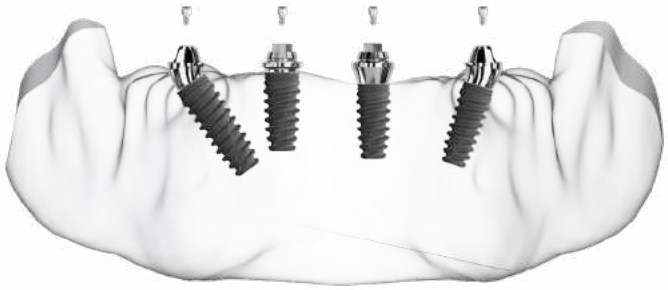
Multi Unit Healing Abutment
33.00.00.10

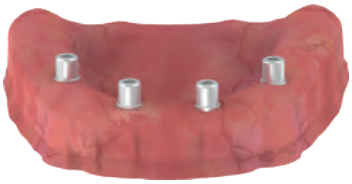
Multi Unit Analog
34.00.01.14

Multi Unit Digital Analog
34.00.01.13

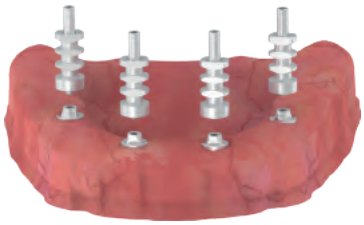
Multi Unit Digital Coping
02.07.00.02

MULTI-UNIT **SCREW RETAINED** RESTORATION WORKFLOW





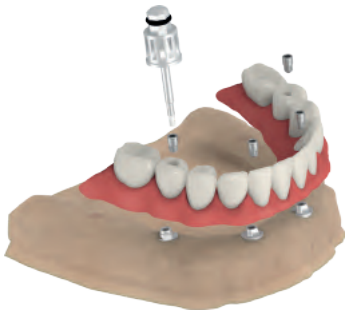
Appropriate multi unit abutments fixed in implants.



Impression is taken with multi-unit open impression copings. Comfort caps are fixed onto multi-unit abutments so that the sharp parts of the multi-unit abutments do not damage the patient's mouth while temporary denture is prepared.

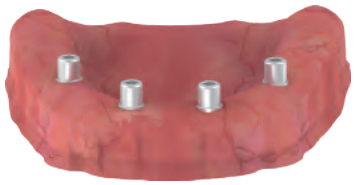
Impression is transferred in stone model.

Plastic burn-out cylinders are used for casting.



Screw-retained denture is fabricated and delivered to clinic.

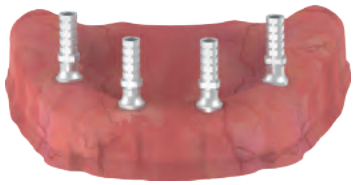
Appropriate multi unit abutments fixed in implants.



Impression is taken with multi-unit scan bodies. Comfort caps are fixed onto multi-unit abutments so that the sharp parts of the multi-unit abutments do not damage the patient's mouth while temporary denture is prepared.

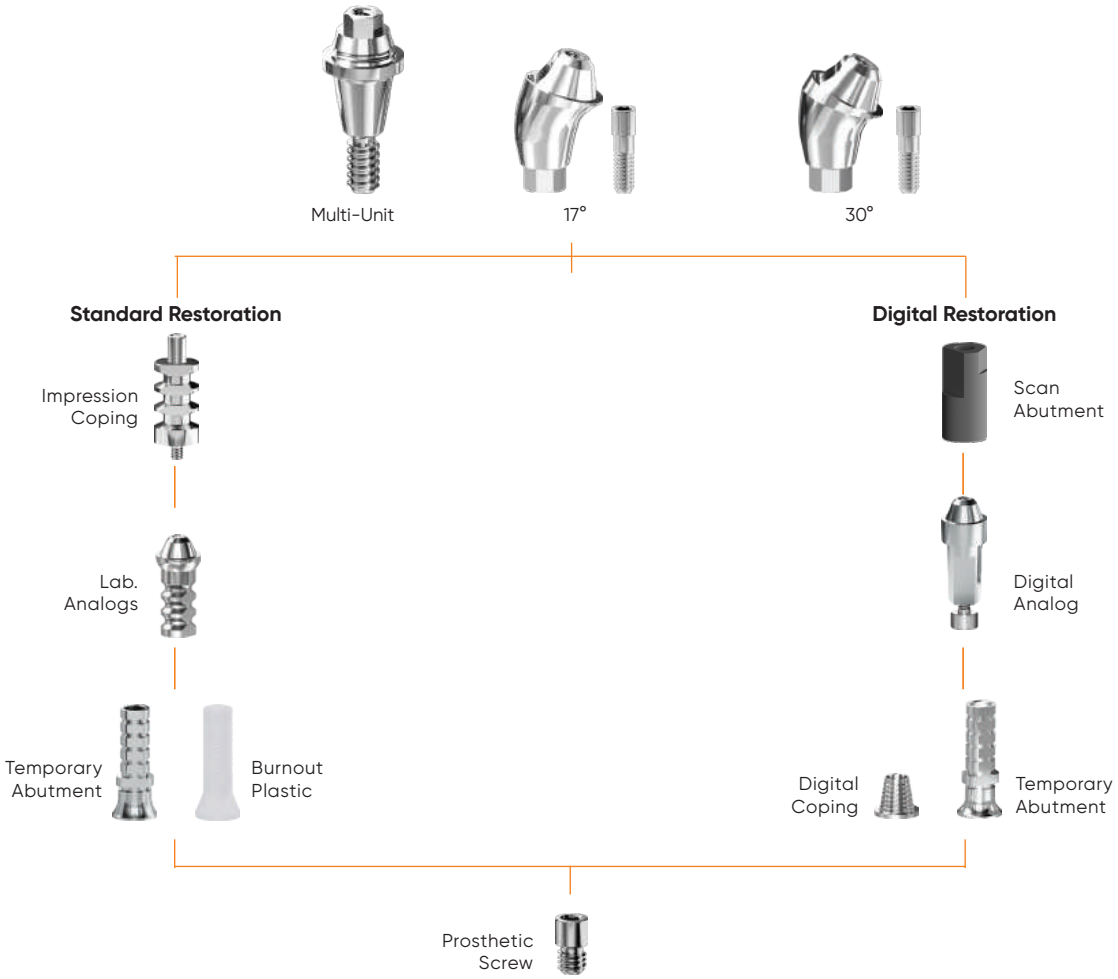
Impression is transferred digitally and 3D model is printed. Digital analogs are used.

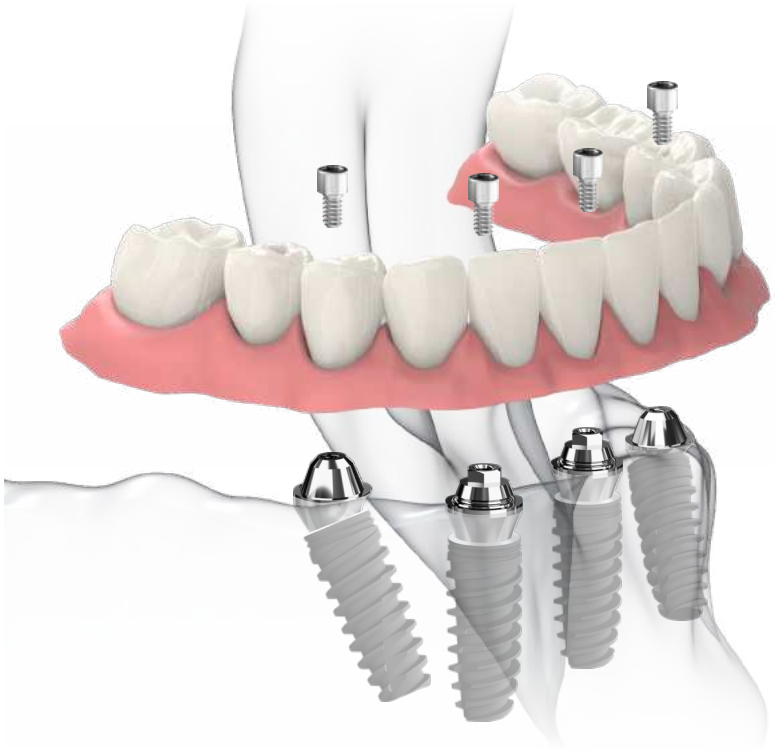
Temporary abutments can be used for temporization.



CAM-milled Screwretained denture is fabricated and delivered to patients's mouth.

SCREW RETAINED MULTI UNIT ABUTMENT
PROSTHETIC PROTOCOL





QUATTROFIX®

SPEED UP IN CONFIDENCE

The new anatomically designed multi-unit abutment series makes QUATTROFIX protocol much easier.

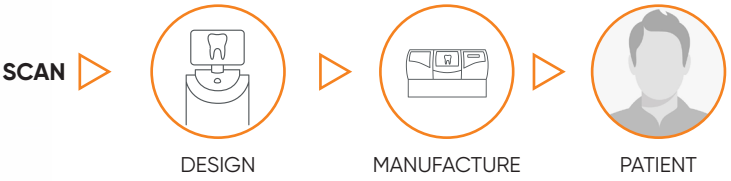
With MODE Implant, you can enjoy **immediate solutions** and a strong product line that will boost your confidence.

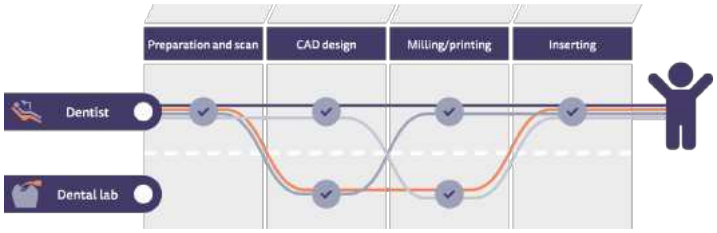
DIGITAL CAD/CAM SOLUTIONS

SINGLE RESTORATION

PARTIAL RESTORATION

TOTAL RESTORATION





CAD DESIGN FOR CLINICIANS AND LABS

Regulary updated official libraries for prosthetic components such as Scanbodies, Titanium bases, Stock abutments, Multi-Units as well as digital prosthetics for DentalCAD, ChairsideCAD and Model Creator

IMPLANT LIBRARIES FOR **IMPLANT PLANNING**

Regulary updated, verified and approved libraries for implants, surgical sleeves, drill kits and fixation/anchor pins for surgical guide design with Exoplan and Guide Creator

OFFERING PRECISION IN **GUIDED SURGERY**

Guided surgery library for Exoplan

DIGITAL IMPRESSION TRANSFERS

SCAN BODY IMP. TRANSFER

Platform	NP		RP		
Diameter	Ø 5.5		Ø 5.5 mm		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
	13.00.00.03		13.00.00.35		

DIGITAL ANALOG

Platform	NP		RP		
Diameter	Ø 5.5		Ø 5.5 mm		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
	20.00.00.01		20.00.00.02		

CEREC SCAN POST

Platform	NP		RP		
Diameter	Ø 3.0		Ø 3.4 mm		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
	18.00.00.03		18.00.00.35		

MULTI-UNIT
SCANBODY

REF.
13.00.00.01

MULTI-UNIT
DIGITAL ANALOG

REF.
34.00.01.13

MULTI-UNIT
DIGITAL COPING

REF.
02.07.00.02

DIGITAL CAD/CAM RESTORATION SOLUTIONS

TI-BASE ENGAGED CEREC Abutment

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 0.7 mm	17.00.01.03		17.00.01.35		
H: 2,5 mm	17.00.02.03		17.00.02.35		

The Ti-Base is used as a connector between the implant and final/provisional restoration to make CAD/CAM customized solutions with the highest precision and best esthetic results. This abutment has orginal MODE Implant library for CEREC system.

TI-BASE ENGAGED DIGITAL Abutment

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 0.7 mm	16.00.00.10		16.00.00.11		
H: 2.5 mm	16.00.00.13		16.00.00.14		

Ti-Base Non-Engaged Abutment offers maximum design flexibility and easy cementation procedure for single tooth restorations of all Mode implants types.

TI-BASE NON-ENGAGED DIGITAL Abutment

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
H: 0.7 mm	16.00.00.04		16.00.00.05		
H: 2.5 mm	16.00.00.07		16.00.00.08		

Ti-Base Non-Engaged Abutment offers maximum design flexibility and easy cementation procedure for multi restorations of all MODE implants types.

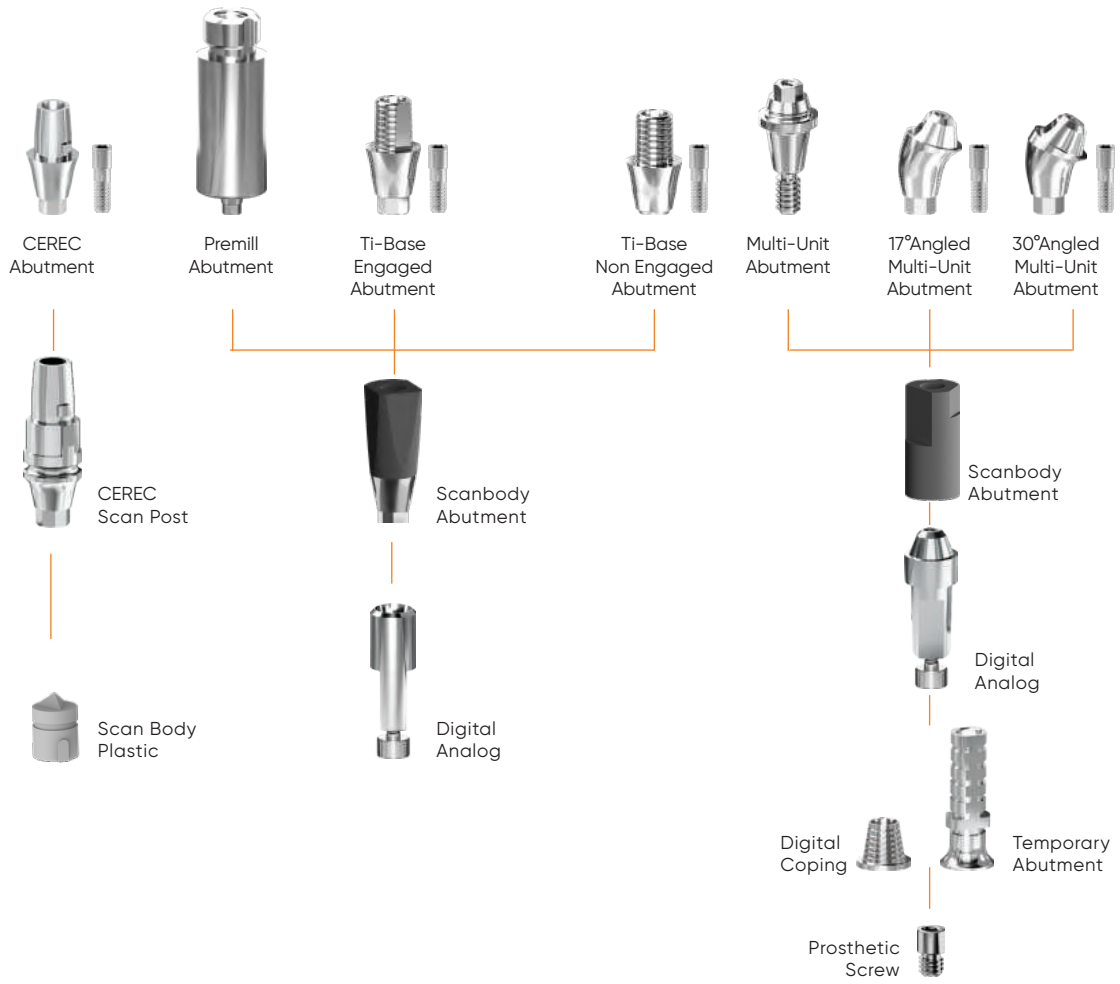
PREMILL Abutment

Platform	NP		RP		
	Ø3.3 mm	Ø3.7 mm	Ø4.1 mm	Ø4.7 mm	Ø5.2 mm
	13.01.00.03		13.01.00.35		

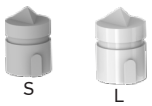
Premill abutments are used as raw material for CAM fabrication of customized titanium abutments. İmplant connection is pre-fabricated with the exact tolerances, ensuring perfect fit of implant-abutment connection.

DIGITAL CAD/CAM RESTORATION

SINGLE Restoration		PARTIAL & TOTAL Restorations
Ti-Base Engaged Abutment Premill Abutment	exocad	Ti-Base Non-Engaged Abutment Multi-Unit Abutment
Ti-Base Engaged Abutment	3shape TRIOS	Ti-Base Non-Engaged Abutment
Ti-Base Engaged Abutment (Astra-Tech EV Series Library)	CEREC	N/A
SINGLE TOOTH Digital Restorations		**PARTIAL & TOTAL** Digital Restorations

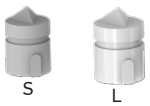


CEREC® compatible bases for CAD/CAM restorations



SCAN POST

MODE IMPLANT			Plastic Connection	DENTSPLY ASTRA TECH EV	
	Implant Ø	Scan Post Code		Implant Ø	Scan Post Code
NP	Ø3,3 - Ø3,7	NP-S Scan Post	S	Ø3,6	AT EV 3,6 S
RP	Ø4,1 - Ø4,7	RP-L Scan Post	L	Ø4,2	AT EV 4,2 L



TI-BASE ENGAGED ABUTMENT

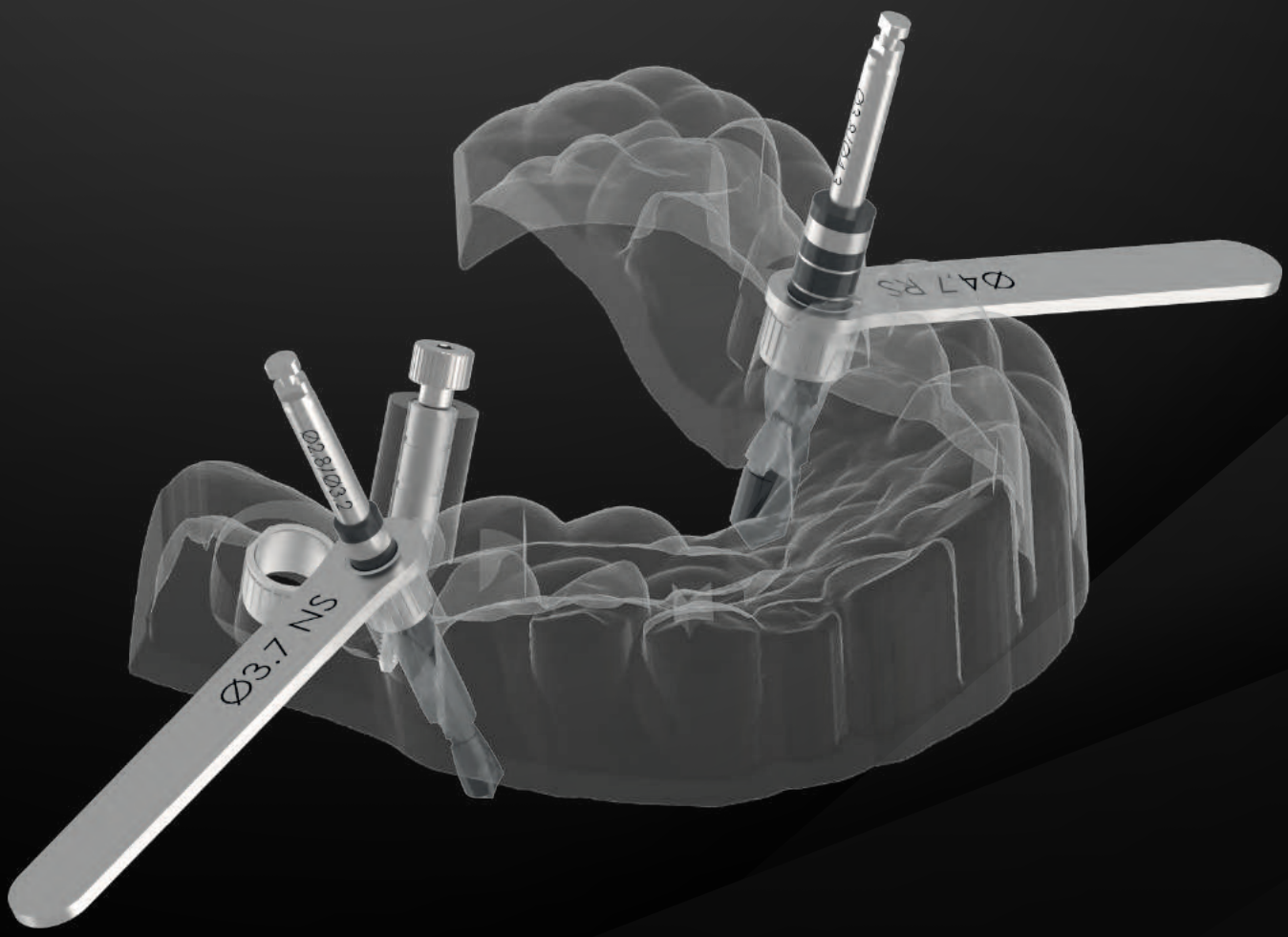
TiBase CODE	DENTSPLY ASTRA TECH EV Implant Ø	TiBase CODE
NP-S TiBase H0.7 NP-S TiBase H2.5	Ø3,6	AT EV 3,6 GH1 S
RP-L TiBase H0.7 RP-L TiBase H2.5	Ø4,2	AT EV 4,2 GH1 L

MODE GUIDED SURGERY SOLUTIONS

Cad Design For Clinicians And Labs

Implant Libraries For Implant Planning

Offering Precision In Guided Surgery



MODE implant planning with Exoplan

Discover our powerful implant planning and surgical guide design software Exoplan-created to provide dental labs, dentists, implant specialists and surgeons with maximum flexibility.

Based on the renowned Exocad platform, Exoplan guarantees a seamless digital workflow and the highest usability and performance.

Exoplan guides dental professionals through the planning of implants and the design of surgical guides in one intuitive, digital workflow.

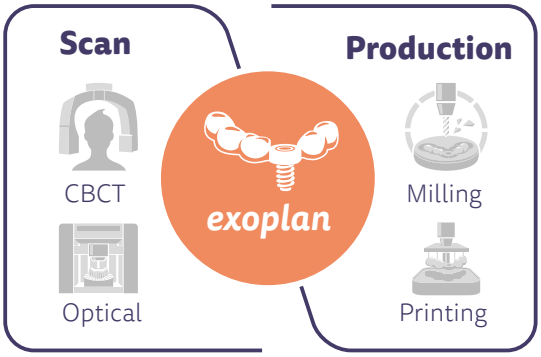
Thanks to the open, vendor-neutral software architecture, open 3D scanners, 3D printers or milling machines can be used.

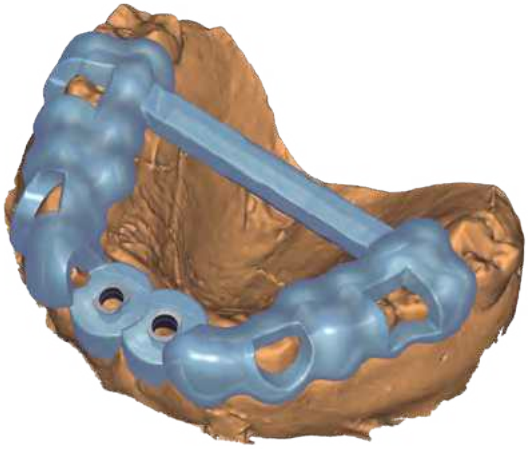
Exocad integrated software solutions guarantee the seamless functionality of the digital workflow—from virtual, prosthetic-oriented implant planning with Exoplan to designing surgical guides with Guide Creator.

Edentulous patients can be treated particularly precisely and predictably with guided surgery.

Exoplan users can take advantage of seamless integration with DentalCAD, Exocad's dental CAD software, to facilitate their planning and production of implant-supported, temporary and final prostheses.

With the immediate load feature, popular for provisionals, the original prosthesis scan is automatically loaded into DentalCAD.





In-house surgical guides—with Guide Creator module

Design your own surgical guides and manufacture them in-house with your 3D printer or milling machine to maximize the return on hardware investments.

Thanks to the standard data format STL, you have the freedom to choose your hardware and production center

Design faster, plan with predictability and improve outcomes with Exoplan...

- New rapid pre-planning for more patient commitment
- Full mouth rehabilitation with simultaneous implant planning and guide design for both arches
- Faster tooth setup with Instant Anatomic Morphing
- Full surgical protocol with drill sequence
- Smoother implant and compatible component selection

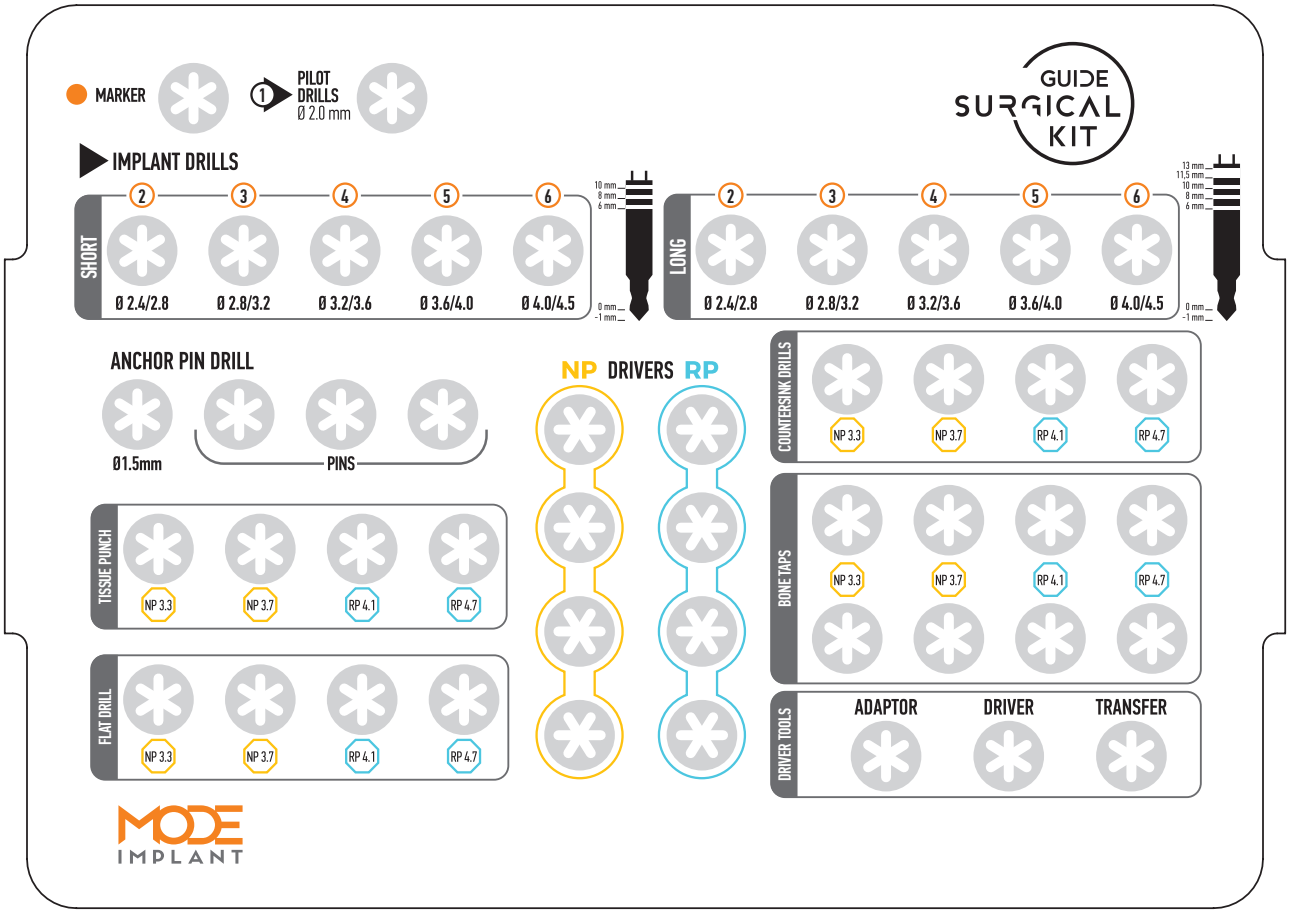
SURGICAL KIT LAYOUT

IMPLANT LIBRARIES FOR **IMPLANT PLANNING**

Regulary updated, verified and approved libraries for implants, surgical sleeves, drill kits and fixation/anchor pins for surgical guide design with Exoplan and Guide Creator

OFFERING PRECISION IN **GUIDED SURGERY**

Guided surgery library for Exoplan



Guided Sleeve NP

ID Ø 4.1mm - OD Ø 4.8mm
H 4mm

Guided Drill Guides Narrow Sleeve	
	Ø 2.0 mm
	Ø 3.3 mm
	Ø 3.7 mm

Guided Sleeve RP

ID Ø 5.0mm - OD Ø 5.8mm
H 4mm

Guided Drill Guides Regular Sleeve	
	Ø 2.0 mm
	Ø 3.3 mm
	Ø 3.7 mm
	Ø 4.1 mm
	Ø 4.7 mm

Guided Anchor Pin Drill

Ø1.5mm


PINS

Guided Tissue Punch

Ø 3.3 mm

Ø 3.7 mm

Ø 4.1 mm

Ø 4.7 mm

Guided Flat Drill

Ø 3.3 mm

Ø 3.7 mm

Ø 4.1 mm

Ø 4.7 mm

Guided Marker

Guided Pilot Drill Ø2.0mm

Guided Short Twist Drills 35mm


Ø2.4 / Ø2.8mm


Ø2.8 / Ø3.2mm


Ø3.2 / Ø3.6mm


Ø3.6 / Ø4.0mm


Ø4.0 / Ø4.5mm

Guided Long Twist Drills 38mm


Ø2.4 / Ø2.8mm


Ø2.8 / Ø3.2mm


Ø3.2 / Ø3.6mm


Ø3.6 / Ø4.0mm


Ø4.0 / Ø4.5mm

Guided Countersink Drills


Ø 3.3 mm


Ø 3.7 mm


Ø 4.1 mm


Ø 4.7 mm

Guided Level Bone Taps

Ø 3.3 mm

Ø 3.7 mm

Ø 4.1 mm

Ø 4.7 mm

Guided Rapid Bone Taps

Ø 3.3 mm

Ø 3.7 mm

Ø 4.1 mm

Ø 4.7 mm

Guided Implant Drivers


NP


RP

Ratchet Adapter

Guided Implant Transfer

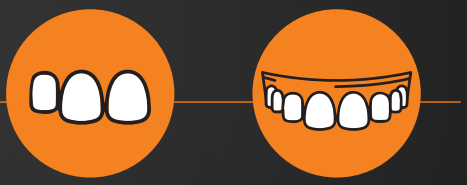
Screw Driver

Handle Driver

Torque Ratchet

ONE-PIECE IMPLANT SYSTEMS

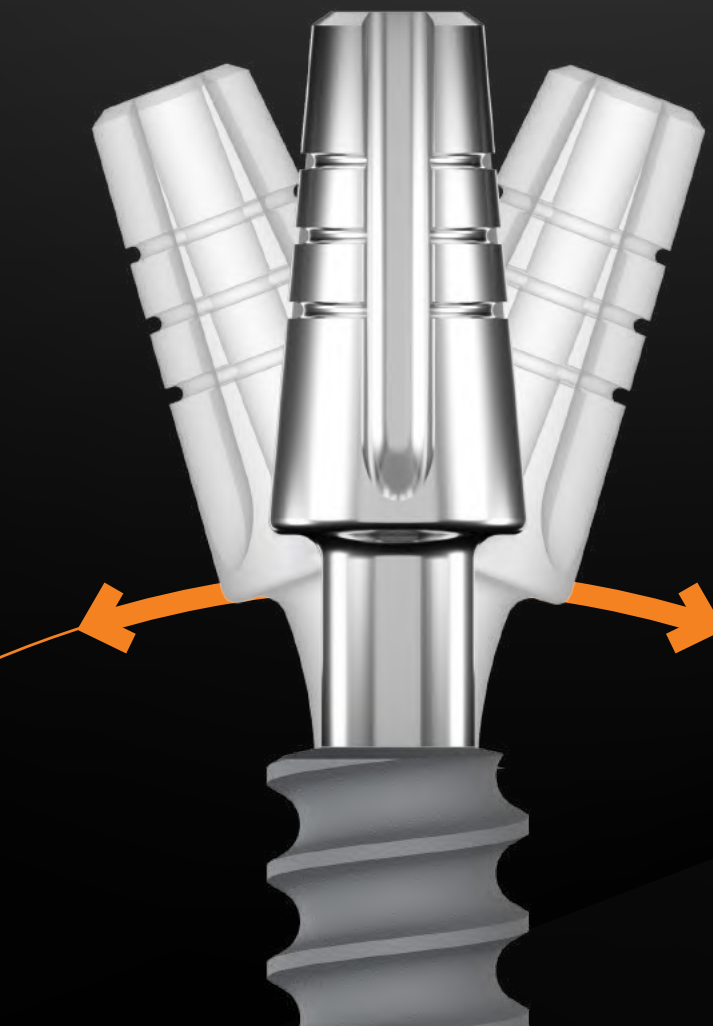
PROVO-T Temporary Bendable
PROVO-C Cement Retained Bendable
PROVO-S Screw Retained Bendable
MINI Overdenture



PARTIAL RESTORATION

TOTAL RESTORATION

- Easy surgical procedure, flapless surgery and quick prosthodontic procedures
- Flexible solutions and immediate loading
- An extended polished and bendable neck
- Suitable for crowns, bridges and bar connectors
- Anchorage in the tuberosity and regions with large mucosal thickness
- Reduce risks of peri-implantitis



- **QUICK**
- **PRACTICAL**
- **SIMPLE TO USE**

PROVO-T SERIES
TEMPORARY BENDABLE
ONE-PIECE IMPLANT SYSTEM

- Fast temporary restorations
- Bendable implant neck
- Good primary stability
- Direct and indirect restoration
- Relieving loads on augmented areas and soft tissue
- Slender design, ideal when space is limited
- Can be placed with open flap or flapless technique
- Polished surface protects from accumulation of bacteria at the cervical part of the implant

PROVO-C SERIES
CEMENT-RETAINED BENDABLE
ONE-PIECE IMPLANT SYSTEM

- Immediate loading
- Special compressive thread design
- Prosthetic alignment up to 30°
- Excellent primary stability
- Ideal for resorbed ridges
- Placement in socket extraction
- Can be placed with open flap or flapless technique
- Can be used to create multiple unit restorations
- Suitable for the upper and lower jaws
- Practical, time saving

PROVO-S SERIES
SCREW RETAINED BENDABLE
ONE-PIECE IMPLANT SYSTEM

- Screw retained upper part
- Immediate loading
- Allow placement in height and width deficient bones
- Prosthetic alignment up to 30°
- Excellent protection from inflammation around the implant
- Can be placed with open flap or flapless technique
- Can be used to create multiple unit restorations
- Placement in socket extraction
- Suitable for the upper and lower jaws
- Time saving for patient and dentist

MINI SERIES
OVERDENTURE
ONE-PIECE IMPLANT SYSTEM

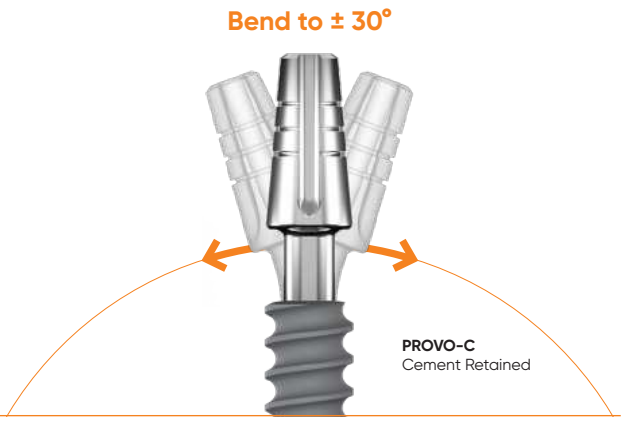
- MINI one-piece Implant system provides a solution for severely attrophied jaw and narrow ridges.
- Mode MINI Implants can be placed with flapless surgery and they are designed with Ball-head with Ø2.2, Ø2.5 and Ø2.9 diameter for removable prosthesis restoration.

Implant Ø (D)	2.2 mm	2.5 mm	2.9 mm
L: 8 mm	-	-	01.05.08.29
L:10 mm	01.05.10.22	01.05.10.25	01.05.10.29
L: 12 mm	01.05.12.22	01.05.12.25	01.05.12.29
L: 14 mm	01.05.14.22	01.05.14.25	01.05.14.29

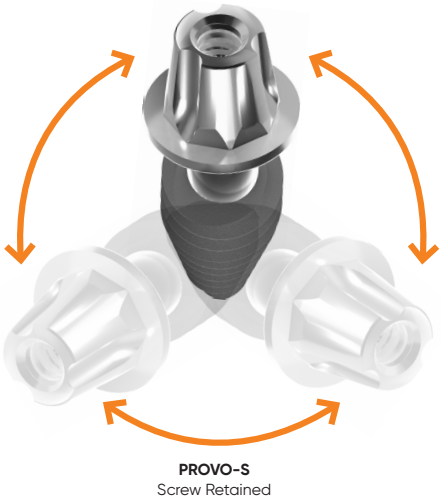
PROVO BENDABLE ONE-PIECE IMPLANT SYSTEM
TEMPORARY, CEMENT RETAINED, SCREW RETAINED

UNIQUE 2-AXIS ADJUSTMENT!

- Immediate temporary or permanent restorations
- Bendable implant neck
- Good primary stability
- Direct and indirect restoration
- Reduces loads on augmented areas and soft tissue
- Slim design, ideal when space is limited
- Can be placed with open flap or flapless technique
- Polished surface protects from accumulation of bacteria at the cervical part of the implant

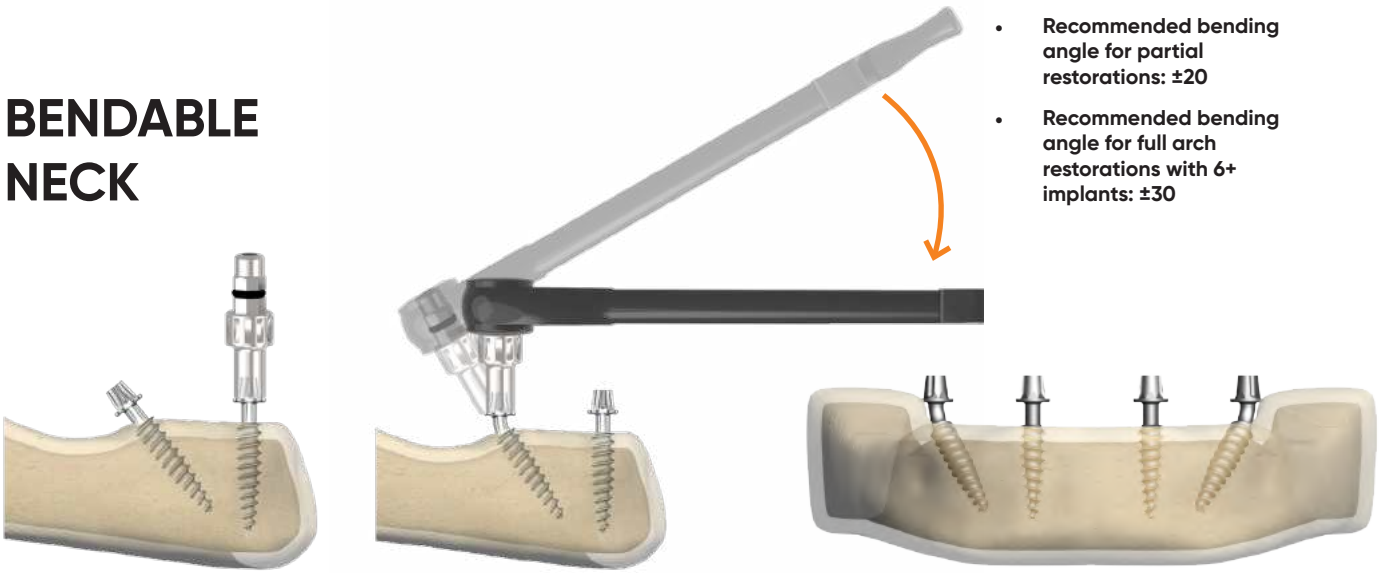


- The blasted part of the implant must be placed 0,5 mm subcrestal.
- Insertion torque value should not exceed 40 - 45 Ncm
- Torque should be reduced by pre-compression with bone tap.
- The head of bendable PROVO-T/C/S can be bent into the desired position after insertion with the adaptor and ratchet
- Bendind should not exceed 30°
- One bending, one direction!

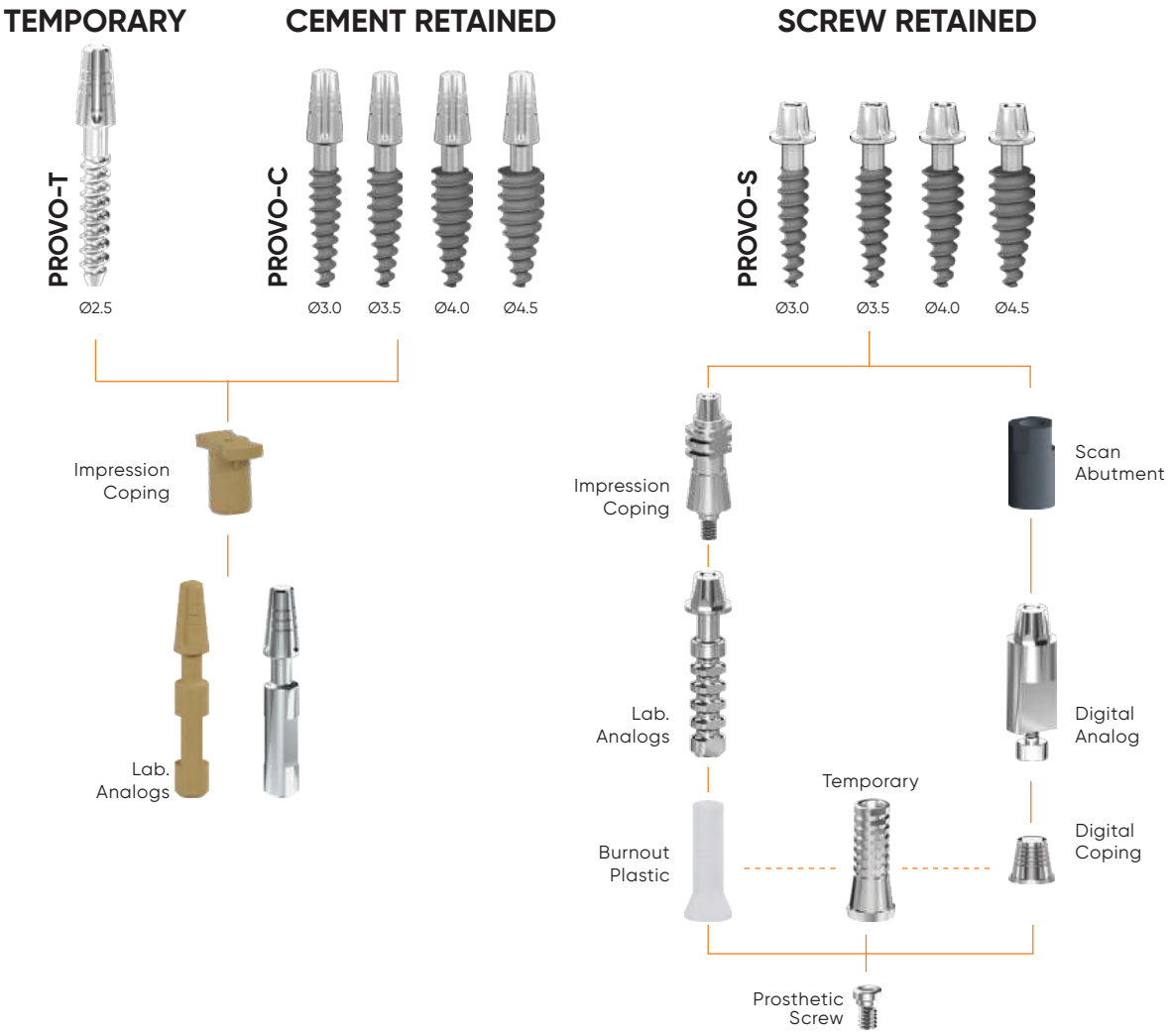


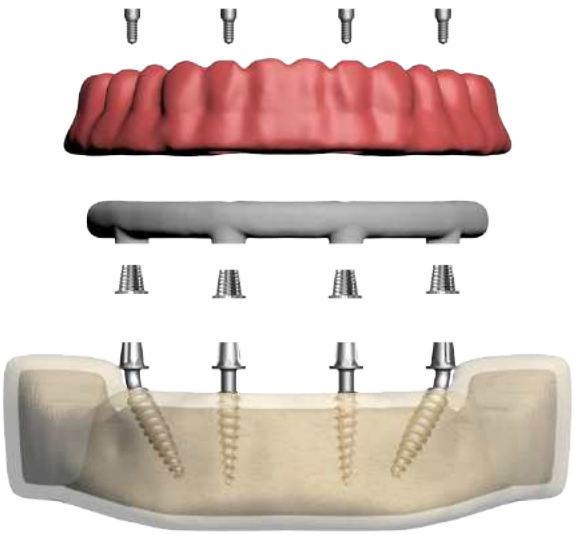
BENDABLE NECK

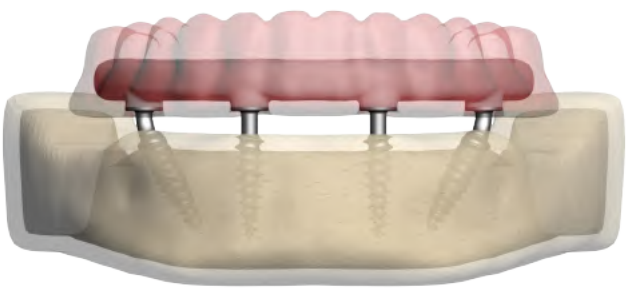
- **Recommended bending angle for partial restorations: ±20**
- **Recommended bending angle for full arch restorations with 6+ implants: ±30**



PROVO BENDABLE IMPLANT SYSTEM
PROSTHETIC PROTOCOL



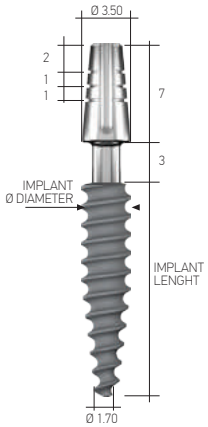




ONE-PIECE

PROVO T SERIES

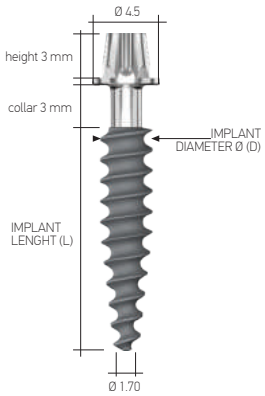
PROVO C SERIES



PROVO T-C SERIES

Temporary and Cemented Bendable One-Piece Implant System

	PROVO T	PROVO C	PROVO C	PROVO C	PROVO C
Implant Ø (D)	**2.5 mm**	**3.0 mm**	**3.5 mm**	**4.0 mm**	**4.5 mm**
L: 8 mm	-	01.06.08.30	01.06.08.35	01.06.08.40	01.06.08.45
L: 10 mm	01.06.10.25	01.06.10.30	01.06.10.35	01.06.10.40	01.06.10.45
L: 12 mm	01.06.12.25	01.06.12.30	01.06.12.35	01.06.12.40	01.06.12.45
L: 15 mm	01.06.15.25	01.06.15.30	01.06.15.35	01.06.15.40	01.06.15.45



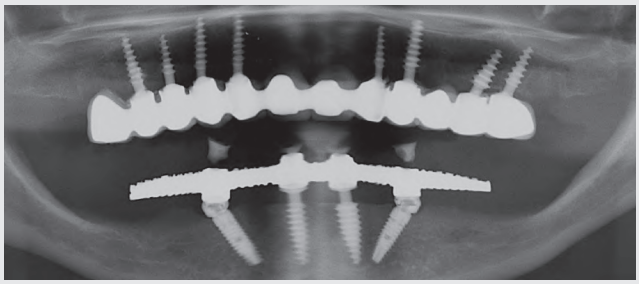
PROVO S SERIES

Screw Retained Bendable One-Piece Implant System

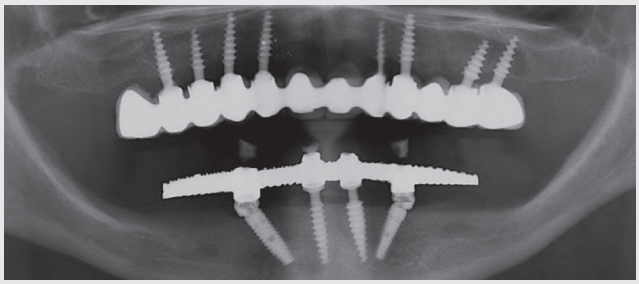
	PROVO S	PROVO S	PROVO S	PROVO S
Implant Ø (D)	**3.0 mm**	**3.5 mm**	**4.0 mm**	**4.5 mm**
L: 8 mm	01.09.08.30	01.09.08.35	01.09.08.40	01.09.08.45
L: 10 mm	01.09.10.30	01.09.10.35	01.09.10.40	01.09.10.45
L: 12 mm	01.09.12.30	01.09.12.35	01.09.12.40	01.09.12.45
L: 15 mm	01.09.15.30	01.09.15.35	01.09.15.40	01.09.15.45

Female-38 **2019**

4 Years Follow-Up



Female-64 **2018**



5 Years Follow-Up

ONE-PIECE IMPLANT SURGICAL KIT

Torque Ratchet

Provo Implant Drills

	Ø 1.5
	Ø 3.0
	Ø 3.5
	Ø 4.0
	Ø 4.5

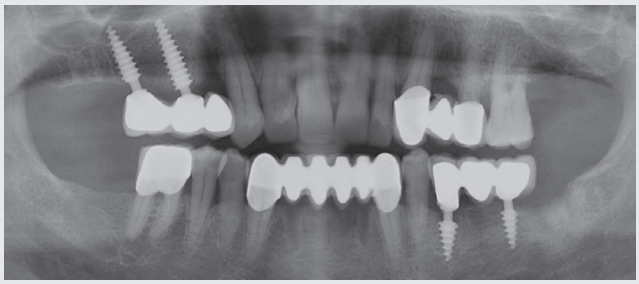
Provo Bone Taps

	Ø 3.0
	Ø 3.5
	Ø 4.0
	Ø 4.5

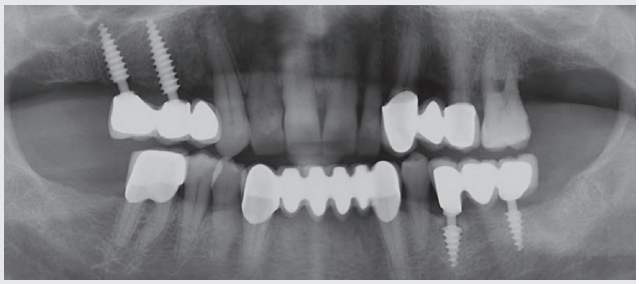
Adaptors

	Short
	Long

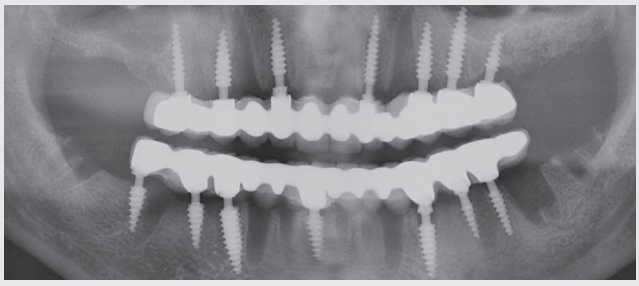
Screw Driver



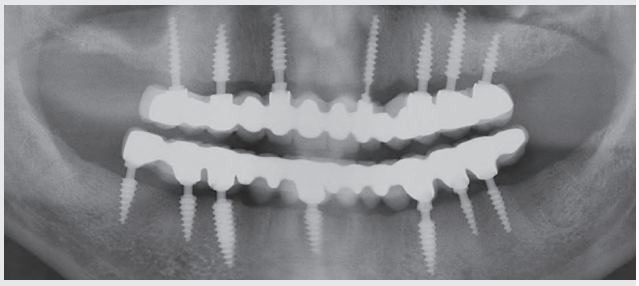
Male-54 **2018**



5 Years Follow-Up



Male-42 **2018**



5 Years Follow-Up

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SCIENCE AND SYNERGY MEET TO CREATE THE FUTURE OF DENTISTRY

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ABSTRACT

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YMPOSIUM
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MIA Scientific Studies

Investigation of the Wetting Properties of Thalassemia Patients' Blood Samples on Grade 5 Titanium Implant Surfaces: A Pilot Study

DOI: 10.3390/biomimetics8010025

Effect of Different Surface Treatments on Retention of Cement-Retained, Implant-Supported Crowns

DOI: 10.11607/ijp.6602

Is clinical experience important for obtaining the primary stability of dental implants with aggressive threads? An ex vivo study

DOI: 10.4317/medoral.22733

Evaluation of the fracture resistance and failure types of different CAD-CAM ceramic crowns supported by angled titanium abutments

DOI: 10.1111/jopr.13596

scan to learn more


Remediation of machining medium effect on biocompatibility of titanium-based dental implants by chemical mechanical nano-structuring

Remediation of machining medium effect on biocompatibility of titanium-based dental implants by chemical mechanical nano-structuring

DOI: 10.1557/s43578-022-00553-x


Importance of Measurement Parameters for the Dental Implant Surface Characterization

Importance of Measurement Parameters for the Dental Implant Surface Characterization

DOI: 10.12693/APhysPolA.125.484


Dynamic and static load performance of dental biomaterial systems with conical implant-abutment connections

Dynamic and static load performance of dental biomaterial systems with conical implant-abutment connections

DOI: 10.3233/BME-206008


Self-protective Oxide Nano-Coatings for Enhanced Surface Biocompatibility of Titanium

Self-protective Oxide Nano-Coatings for Enhanced Surface Biocompatibility of Titanium

DOI: 10.1557/opl.2015.378

Europe Region

- Bulgaria
- Denmark
- Germany
- Greece
- Kosovo
- Netherlands
- North Macedonia
- Poland
- Romania
- Slovakia
- Sweden
- Switzerland
- Ukraine
- United Kingdom

Africa Region

- Algeria
- Ethiopia
- Morocco
- Somali
- Tunisia
- Zambia

Middle East Region

- Egypt
- Iran
- Iraq
- Jordan
- Kuwait
- Libya
- Palestine
- Qatar
- United Arab Emirates
- Yemen

MODE IMPLANT IS IN DEMAND MORE THAN 40 COUNTRIES

Asia Region

- Afghanistan
- Australia
- Azerbaijan
- Bahrain
- Georgia
- India
- Kyrgyzstan
- Lebanon
- Malaysia
- Maldives
- Pakistan
- Russia
- Saudi Arabia
- Sri Lanka

MODE Implant has been certified with European Union Medical Device Regulation Certificate as of May 2023.

EU Medical Device Regulation

MDR is the European regulation that sets the standards for the safety and performance of medical devices in the EU market. It also defines the roles and responsibilities of the manufacturers, distributors, importers, and authorized representatives of medical devices.

EU Quality Management System Certificate

Medical Devices Regulation (EU) 2017/745 Annex IX
Chapter I and III (Class IIa, IIb and III Devices)

UDEM

Certificate Number: M.2023.MDR.1015

Manufacturer Name	: Mode Medikal San. ve Tic. Ltd. Şti.
Manufacturer Address	: Yenidoğan Mah. Abdi İpekçi Cad. No: 58 Bayrampaşa, Istanbul, Türkiye
Single registration number-SRN	: TR-MF-000018719
Authorised Representative Name ***(If applicable)***	: -
Authorised Representative Address	: -
Product Scope	: See the product list on the following page(s).

Based on the conformity assessment for the abovementioned manufacturer's quality management system in accordance with (EU) 2017/745 Medical Devices Regulation Annex IX Chapter I and Chapter III, UDEM Adriatic d.o.o. hereby declares that the requirements of Annex IX (Chapter I and Chapter III) of the Regulation (EU) 2017/745 have been met for the listed products in this certificate.
The manufacturer has established, documented and implemented a quality management system, which is subject to periodic surveillance assessments by UDEM Adriatic d.o.o. according to Annex IX Chapter I Section 3 of the aforementioned Regulation.
The report referenced below summarizes the result of assessments/examinations and includes reference to relevant CS, harmonized standards and test reports.
For Class III and Class IIb implantable devices referred to in the second subparagraph of Article 52(4) of Regulation (EU) 2017/745, covered by this certificate, an EU Technical Documentation Assessment Certificate is required before placing them on the market.

Report Number	: MDR.1381
Date of Issue	: 09/05/2023
Recertification Date	: -
Reissue Date/No	: -
Date of Expiry	: 08/05/2027

If any, Previous Certificate(s) No: none

UDEM Adriatic d.o.o.
General Manager

UDEM Adriatic d.o.o. is a Notified Body (identification no 2696) under (EU) 2017/745 Medical Devices Regulation.

Address: Radnička cesta 54/ R3 Zagreb - Croatia
E-Mail: info@udemadriatic.com **Web:** www.udemadriatic.com

UDFRM.83.M-1/02-30.03.2022/13.03.2019

MODE Implant has been awarded the MDR Certificate, guaranteeing that the company complies with the highest standards in production of dental implants and conducting required clinical studies.

EU Technical Documentation Assessment Certificate

Medical Devices Regulation (EU) 2017/745 Annex IX Chapter II and III
Certificate Number: M.2023.MDR.1015-1

UDEM

Manufacturer Name	: Mode Medikal San. ve Tic. Ltd. Şti.
Manufacturer Address	: Yenidoğan Mah. Abdi İpekçi Cad. No: 58 Bayrampaşa, Istanbul, Türkiye
Single registration number-SRN	: TR-MF-000018719
Authorised Representative Name ***(If applicable)***	: -
Authorised Representative Address	: -
Product Scope	: See the product list on the following page(s).

Based on the assessment of technical documentation for the abovementioned manufacturer in accordance with (EU) 2017/745 Medical Devices Regulation Annex IX Chapter II and Chapter III, UDEM Adriatic d.o.o. hereby declares that the technical documentation of the listed products in this certificate meets the requirements of Annex IX Chapter II and Chapter III of the Regulation (EU) 2017/745.
The report referenced below summarizes the result of assessments/examinations and includes reference to relevant CS, harmonized standards and test reports.
For Class III and Class IIb implantable devices referred to in the second subparagraph of Article 52(4) of Regulation (EU) 2017/745, covered by this certificate, an EU Quality Management System Certificate in accordance with (EU) 2017/745 Medical Devices Regulation Annex IX Chapter I and Chapter III is also required before placing them on the market.
The validity of this certificate is dependent on the validity of the accompanying EU Quality Management System Certificate.

Report Number	: MDR.1381
Date of Issue	: 09/05/2023
Recertification Date	: -
Reissue Date/No	: -
Date of Expiry	: 08/05/2027

If any, Previous Certificate(s) No: -

UDEM Adriatic d.o.o.
General Manager

UDEM Adriatic d.o.o. is a Notified Body (identification no 2696) under (EU) 2017/745 Medical Devices Regulation.

Address: Radnička cesta 54/ R3 Zagreb - Croatia
E-Mail: info@udemadriatic.com **Web:** www.udemadriatic.com

UDFRM.83.M-2/02-30.03.2022/13.03.2019

NOTES

GLOBAL MANUFACTURER OF **IMPLANT DENTISTRY**

MODE MEDiKAL®

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MDR is the European regulation that sets the standards for the safety and performance of medical devices in the EU market. It also defines the roles and responsibilities of the manufacturers, distributors, importers, and authorized representatives of medical devices.

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Abdi Ipekci Cad. No:58 Bayrampasa 34030 ISTANBUL / TURKEY
+90 (212) 612 64 09
info@modeimplant.com
modeimplant.com