

Global Manufacturer of Implant Dentistry

DENTAL IMPLANT QUALITY

Preferred By More Than 30 Countries Confidently...





MODE MEDICAL GROUP

Global Manufacturer of Implant Dentistry



SUPERIOR PRODUCTION CAPABILITY

With its high engineering experience and the latest technology production plant, Mode Medikal has the capability to manufacture every type of prosthetics, surgical kits besides dental implants.

DESIGNED BY
MODE MEDIKAL®





%100 QUALITY

CONTROL SYSTEM

International Standards and **Quality Certification**

All products are 100% inspected by CNC measuring machine with accuracy of 0.1 micron after inspected by high technology test machines.





MODE MEDICAL GROUP

Global Manufacturer of Implant Dentistry



THE WORLD'S BEST BRANDS

American Dynamet
Carpenter highgraded
titanium material

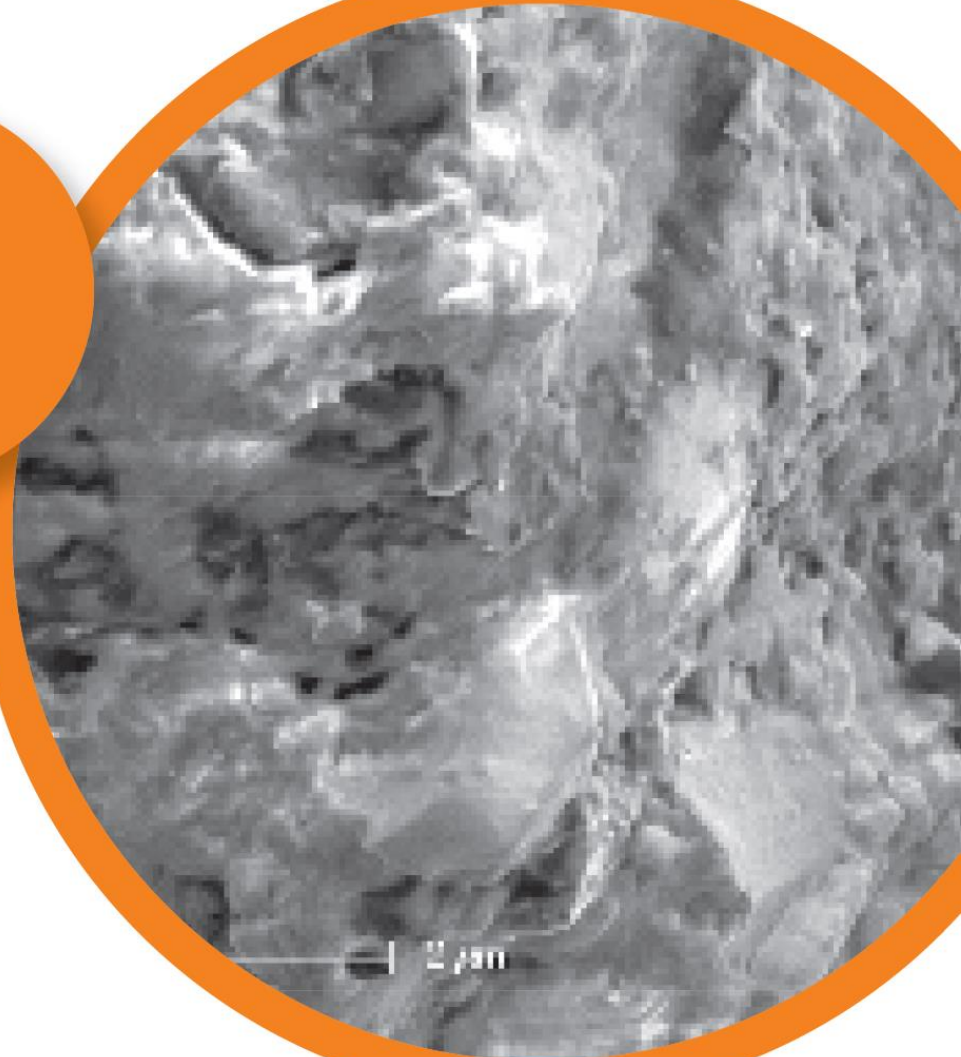
Mode Implant products were made from high quality titanium raw material that are supplied from global titanium manufacturer CARPENTER DYNAMET (USA)



HA Hydroxyapatite OSTEOBLASTIC BCP

BCP
BIPHASIC
CALCIUM
PHOSPHATE

%100 BIOCOMPATIBALE of BCP Biphasic Calcium Phosphate and HA Osteoblastic homogen surface morphology bone provides a perfect osseointegration for BIC Bone – Implant Contact





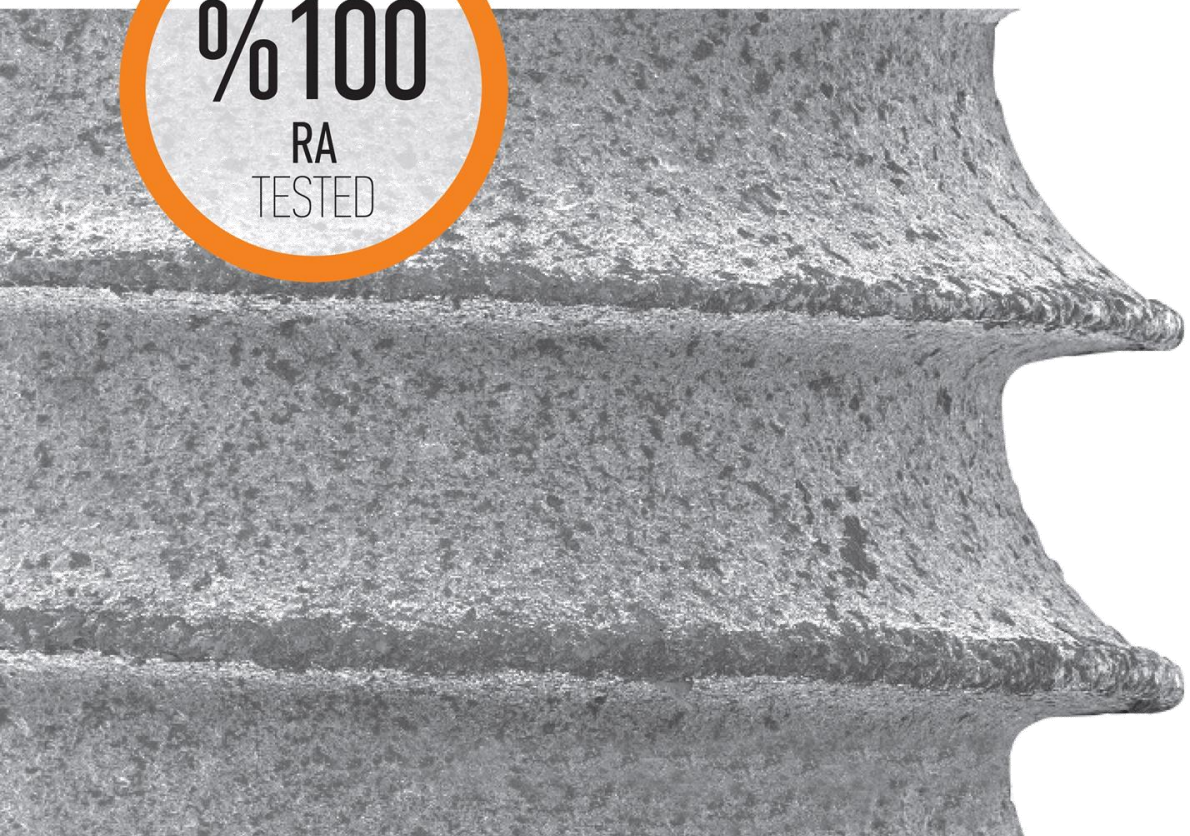
HA %65 + b-TCP %35

Hydroxyapatite Calcium Phosphate

Hydroxyapatite Calcium Phosphate ceramics consist of hydroxyapatite and tricalcium phosphate, a major biomaterial in the dental field. Calcium phosphate looks like bone minerals. Mode Implant surface is roughened with biocompatible BCP (Bicalcium phosphate) with %65 HA to obtain a homogeneous structure by the micro blast technology.

OSSEOINTEGRATION

%100
RA
TESTED

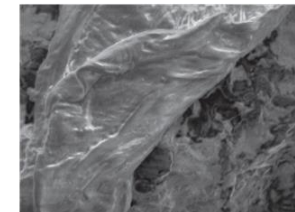
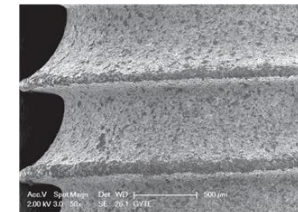
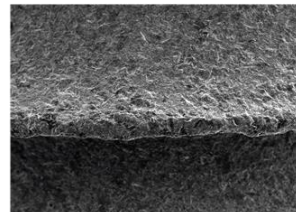


HOMOGENEOUS SURFACE ROUGHNESS

%100 Homogen Micro surface Roughness **Control Process**

RA ROUGHNESS AVERAGE 1,4~1,8micron

MICRO BLASTING TECHNOLOGY



5 YEARS
STERILE R

STERILIZATION & 5 YEARS SHELF LIFE

After packaging process under the high sterilisation, Mode Dental Implant are sterilised with 25 kGy gamma irradiation process and at the final process, packages are stored in the Validation Certified CLEAN ROOM.





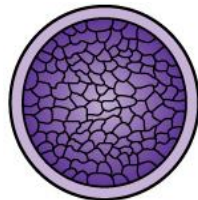
WIDE RANGE SOLUTIONS

Type: IV



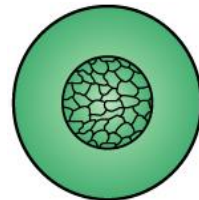
A thin layer of cortical bone surrounds a core of low density trabecular bone

III



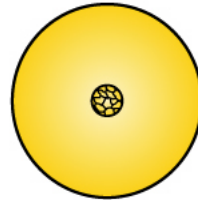
A thin layer of cortical bone surrounds a core of dense trabecular bone of favorable strength

II



A thick layer of compact bone surrounds a core of dense trabecular bone

I



Almost the entire jaw is comprised of homogeneous compact bone

MODE Implant represents the highest point of dental implantology by new trend products, for the natural look, aesthetics solutions and all bone types with maximum performance in all treatment concepts..

Standard Implant

Advanced design
for every use

Advanced implant for
complicated cases



BONE



TISSUE

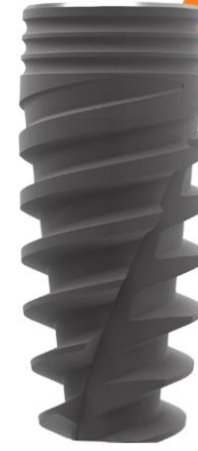


SHORT



LEVEL

NEW
PRODUCTS



RAPID

NEW
PRODUCTS

BONE



H : 8mm 10mm 11,5mm 13mm 16mm

Ideal Solutions for Esthetic Plan **BONE LEVEL**

BONE Level Implant preferred specially for the cases with wide smile line, thin gingiva biotype, short interocclusal in the anterior esthetic area and narrow interdental cases.



Ø 3.3

NP



Ø 3.7



Ø 4.1

RP

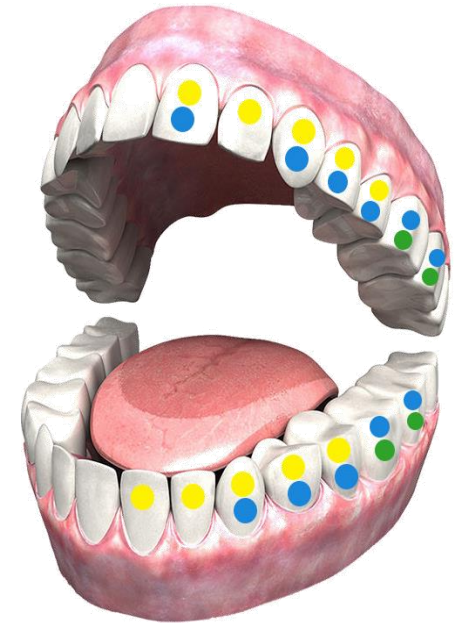
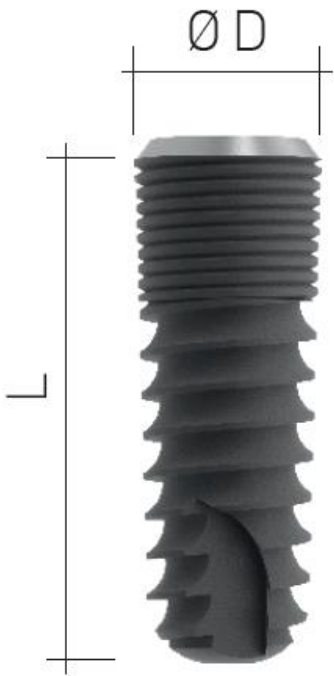


Ø 4.7

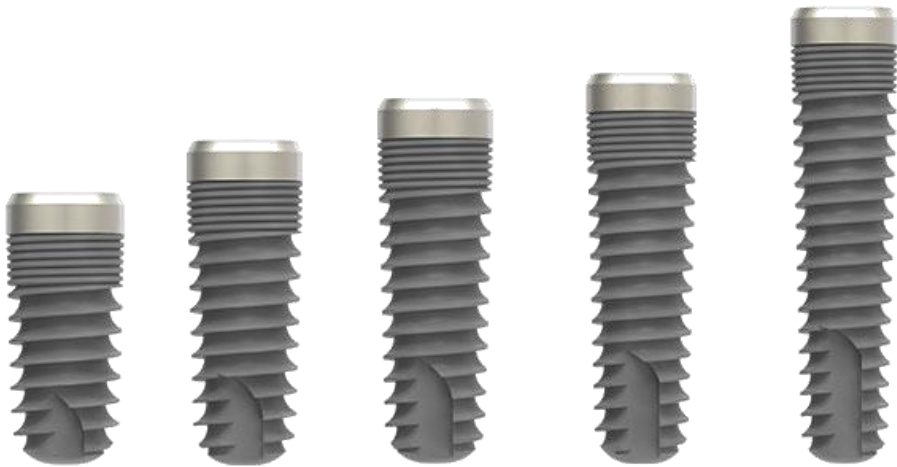
BONE IMPLANT



Platform	NP	NP	RP	RP
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm
Length (L)				
8 mm	✓	✓	✓	✓
10 mm	✓	✓	✓	✓
11.5 mm	✓	✓	✓	✓
13 mm	✓	✓	✓	✓
16 mm	-	✓	✓	✓



TISSUE



H : 8mm

10mm

11,5mm

13mm

16mm



RP



WP





Ideal Solution in the Posterior Area

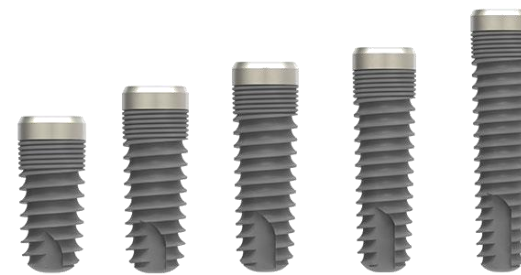
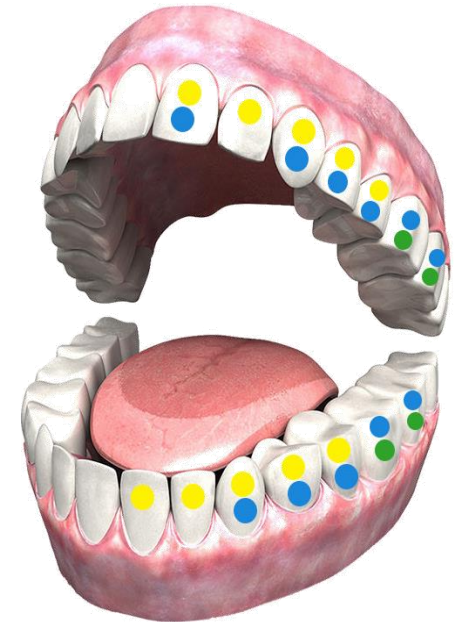
TISSUE LEVEL

By placing the implant – abutment integration from bone level to more coronal region, contamination risk because of leakages in the micro-gaps is reduced and tissue level implant is preferred for single and multi member fix restorations in the posterior region and mandibular region restorations. It is very suitable for single stage implant surgery.



TISSUE IMPLANT

Platform	RP 	RP	WP 	WP
Implant Ø (D)	4.1 mm	4.7 mm	5.3 mm	6.0 mm
Length (L)				
8 mm	✓	✓	✓	✓
10 mm	✓	✓	✓	✓
11.5 mm	✓	✓	✓	✓
13 mm	✓	✓	✓	✓
16 mm	✓	✓	✓	-






SHORT

H : 6mm



SHORT implants which are preferred in atrophic edentulous mandible anterior and atrophic edentulous posterior region reduce the alveolar bone augmentation and sinus lifting requirement, also by short implants there is no need for changing the N.alveolar Inf. nerve and it provides

SHORT IMPLANT

Platform	NP 		RP 		WP 	
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm	5.3 mm	6.0 mm
Length (L)	-	✓	✓	✓	✓	✓



LEVEL

The New Trend




LEVEL IMPLANT

Innovative & Advance Design

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

It introduces a perfect balance between high primary stability and gentleness to the bone, which makes it highly suitable implant for immediate implantation and loading.

LEVEL IMPLANT

Platform	NP 		RP 		WP 	
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm	5.3 mm	6.0 mm
Length (L)						
8 mm	✓	✓	✓	✓	✓	-
10 mm	✓	✓	✓	✓	✓	-
11.5 mm	✓	✓	✓	✓	✓	-
13 mm	✓	✓	✓	✓	✓	-
16 mm	✓	✓	✓	✓	✓	-



The New Trend Advance Design
LEVEL IMPLANT SYSTEMS



RAPID Implant System

The design for high initial primary stability




- Tapered implant
- Self drilling
- Self tapping
- Bone condensing properties
- Suitable for all bone types
- Excellent control during placement
- Excellent primary stability

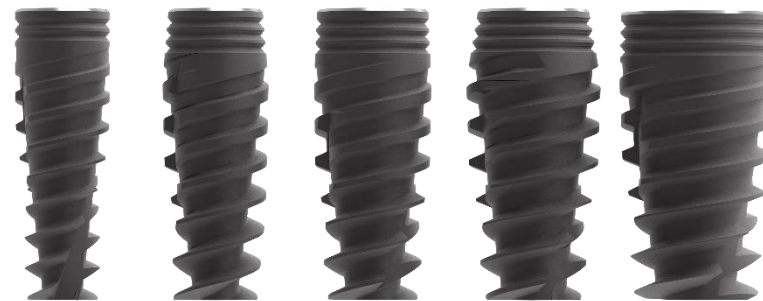


NEW
PRODUCTS

RAPID

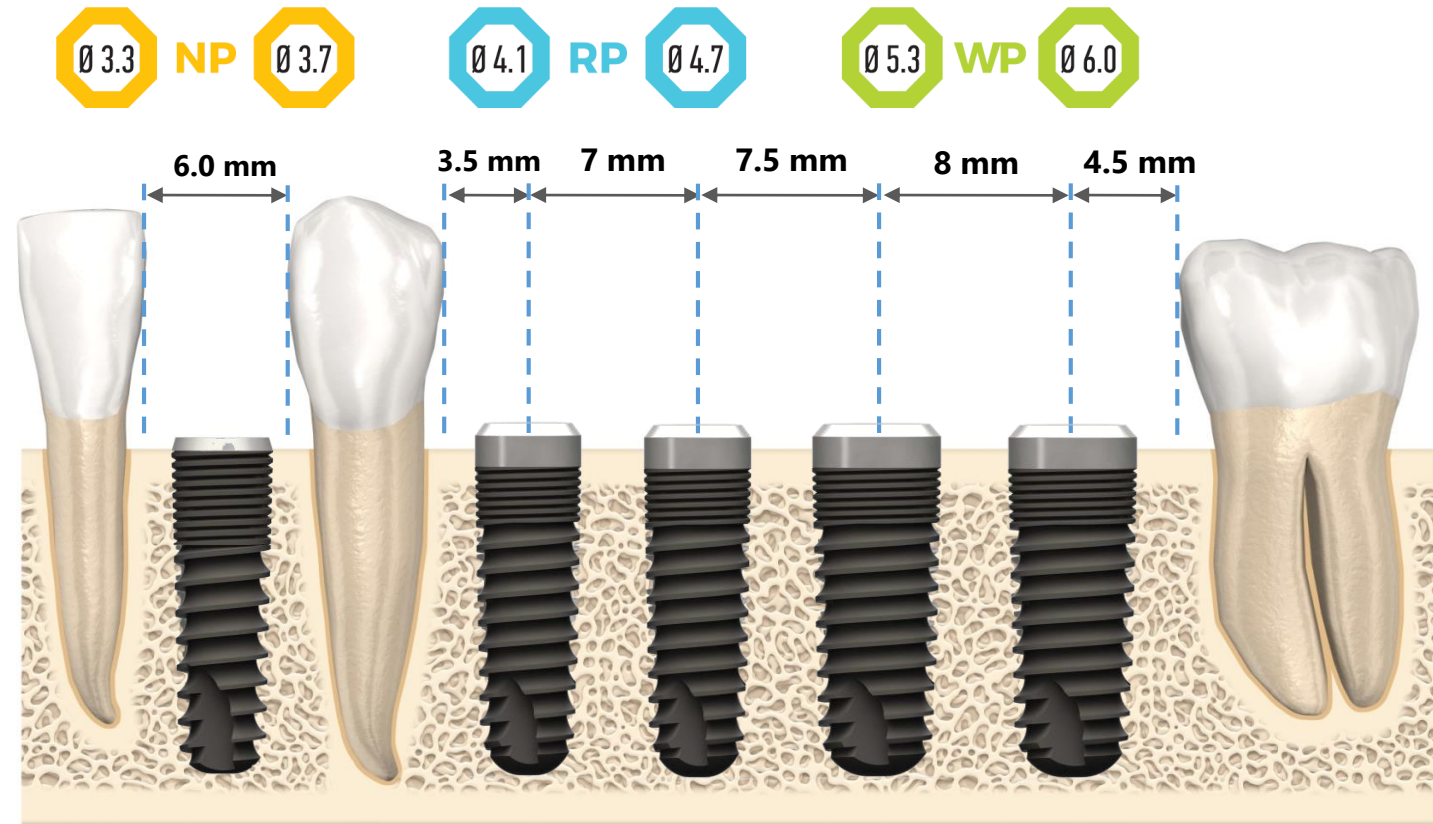
RAPID IMPLANT

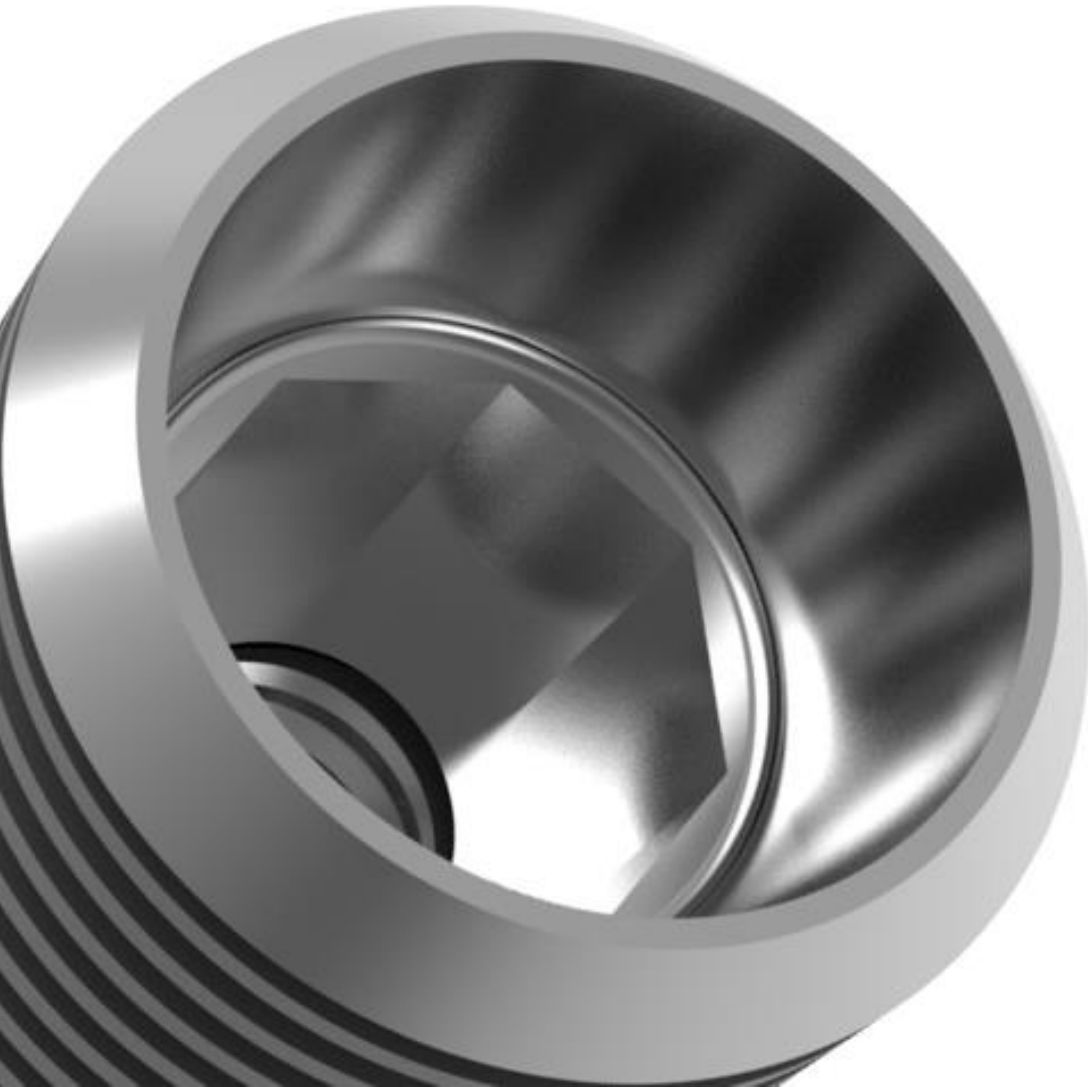
Platform	NP 		RP 		WP 	
Implant Ø (D)	3.3 mm	3.7 mm	4.1 mm	4.7 mm	5.3 mm	6.0 mm
Length (L)						
8 mm	✓	✓	✓	✓	✓	-
10 mm	✓	✓	✓	✓	✓	-
11.5 mm	✓	✓	✓	✓	✓	-
13 mm	✓	✓	✓	✓	✓	-
16 mm	✓	✓	✓	✓	✓	-



Diagnostics and treatment planning for single & multiple missing teeth

Tooth to implant and implant/implant distance





Ø3.3-Ø3.7



Ø4.1-Ø4.7

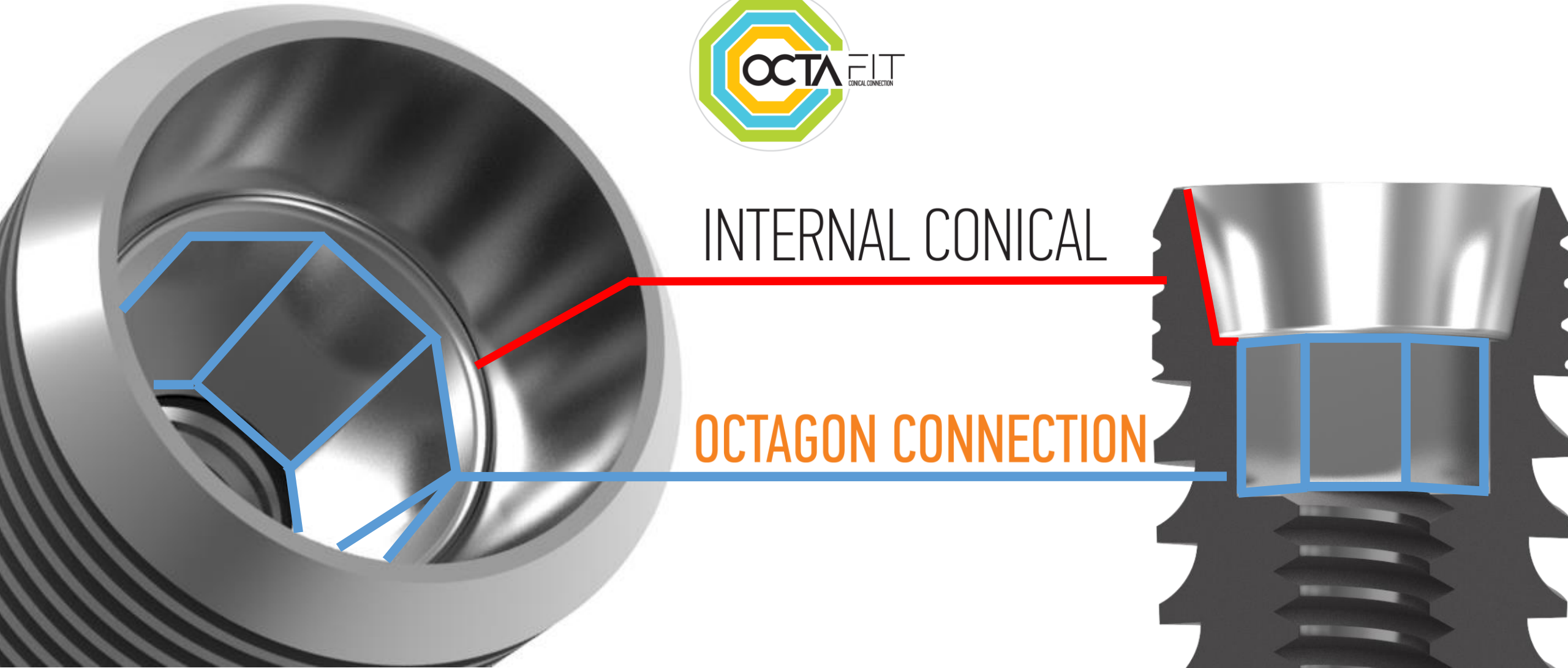


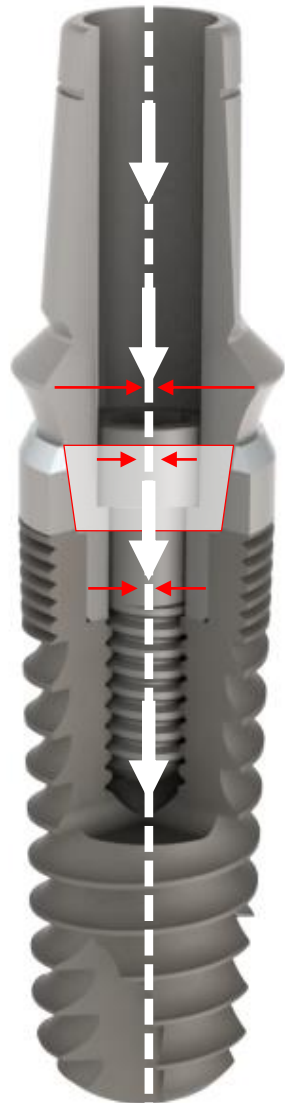
Ø5.3-Ø6.0



INTERNAL CONICAL

OCTAGON CONNECTION



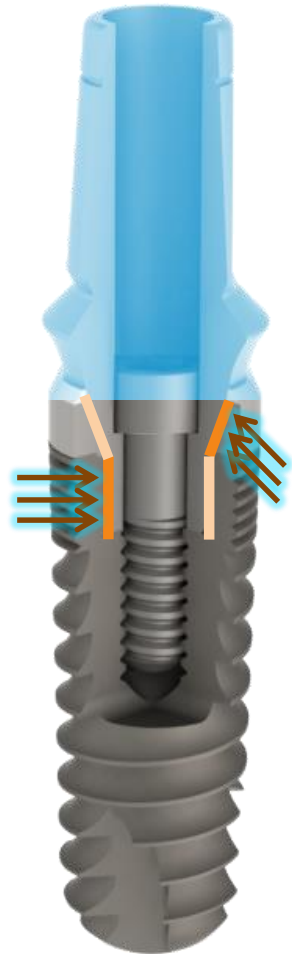


INTERNAL CONICAL OCTAGON CONNECTION



Morse Taper Implant-Abutment conical connection system decomposes the points forces, consists of overloading stresses, to the conical surfaces.

Perfect mechanical connection design minimizes the possible load to the center and connection screw in implant-abutment correlation.

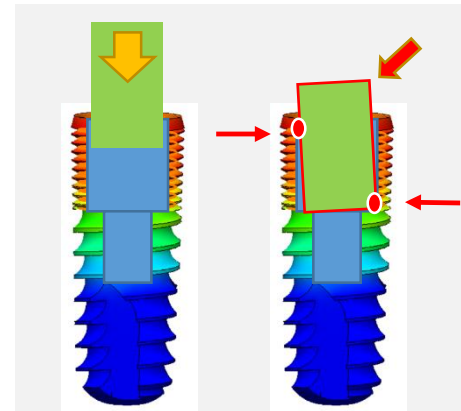
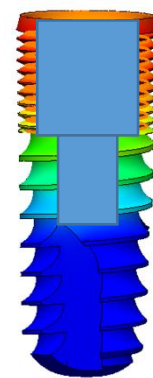


INTERNAL CONICAL OCTAGON CONNECTION

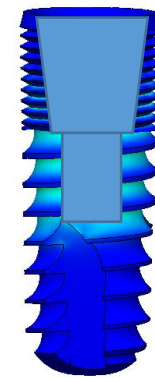
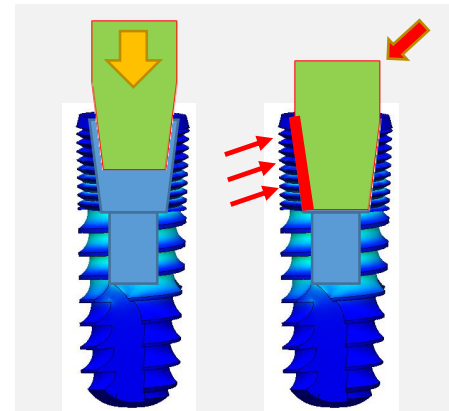


Morse Taper Implant-Abutment conical connection system decomposes the points forces, consists of overloading stresses, to the conical surfaces.

Flat Design Connection



Conical Connection



Fatigue Performance

LOAD **360N** 

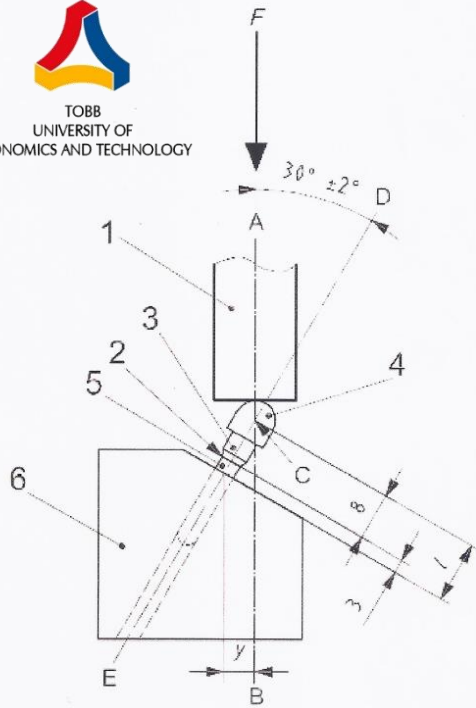


Table I.A.2 Results of Fatigue Properties of Tested Specimens

Sample	Load [N]	Maximum Bending [Nm]	Cycle	Remark	Test Machine Serial Number
1.1	1008	1,008	1	Failed	2012PY02
1.2	136	1,36	2 000 000	Secured	2012PY01
1.3	621	6,21	718 114	Failed	2011HY01
1.4	216	2,16	2 000 000	Secured	2012PY03
1.5	356	3,56	2 000 000	Secured	2012PY03
1.6	519	5,19	367 487	Failed	2011HY01
1.7	360	3,6	2 000 000	Secured	2012PY02
1.8	353	3,53	2 000 000	Secured	2012PY01
1.9	739	7,39	13 846	Failed	2012HY01

Figure I.A.1 Schematic View of Loading Configuration¹.



TOBB Ekonomi ve Teknoloji Üniversitesi
TOBB University of Economics and Technology

BIOMECHANICAL TEST REPORT

No. 24072012-42-01

Customer: Mode Medikal San. ve Tic. Ltd.
Customer's Address: Abdi İpekçi Cad. Ak Makina İş Merkezi No:58 Bodrum Kat B.Paşa İstanbul/TURKEY
Authorized Person: Oğuz ARYOZ
Trade Mark: Mode Medikal
Subject: Dynamic Fatigue Test for Endosseous Dental Implants - ISO 14801
Product Name: Dental Implant
Date of receipt: 06.07.2012
Material: Ti Grade 4 (ISO 5832-2)
Lot Number: N.A.
Catalog Number: N.A.
Specimen Size: 10 (Ø4,1)mm
Specimen Quantity: 9
Test Number: 0607124202
Report Number: 24072012-42-01
Report Date: 24.07.2012

The reproduction of this test report is only authorized in the form of a facsimile of the entire document. It comprises 5 pages.

Test Period 18.07.2012 - 24.05.2012	Principle Engineer M.Fatih Örmeci	Head of Biomechanics Laboratory Dr. Teyfik Demir
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This test method is intended to provide a characterization of mechanical properties of tested specimens. It is not the intention of this specification to define levels of performance or case specific clinical performance of these devices, as insufficient knowledge to predict consequences of the use of any of these devices in individual patients for specific activities of daily living is available.

FEA

Finite Element Analysis

INTERNAL CONICAL OCTAGON CONNECTION



Insert Poster Number

The influence of crestal bone loss and bone graft replacement on the stress distribution around dental implants : A finite element analysis

Abstract

Background: The progress supported by osseointegrated implants has become a basic part of restorative therapy for both completely and partially edentulous patients. Various studies have shown that the stability of implant is related to the biomechanical properties of the bone surrounding it. The osseointegrated implant bone loss seems inevitable and could jeopardize implant stability and the supported prosthesis because the finite element method is an effective analysis tool. It has been used in a variety of biomechanical studies regarding dental implantation.

Aim: The aim of this study was to investigate the biomechanical effects of grafts and stress distribution in the bone surrounding an implant placed in mandibular premolar region (lower jaw) using finite element method.

Methods: A 3-dimensional finite element model of a mandibular premolar region of bone was used in this study. The standard threaded implant, anatomy of the crestal cortical bone and cancellous bone with the vestibule bone defects around central implant neck and augmented bone with bone of grafts were represented in the 3-dimensional finite element model. A dental implant of 4.1 mm diameter and 10 mm length and for the occlusal surface implant neck depth of 2 mm, 4 mm and 6 mm were chosen. Axially 300N and laterally 100N of forces were considered and the stresses developed in the supporting tissues were analyzed.

Results: According to our results the stress was highest in the cortical bone, lower in the grafted bone, and lowest in the cancellous bone which is a general outcome with the literature. The stresses produced with off axial loads were higher in the cortical and grafted bones and lower in the cancellous bone compared with axial loads.

Conclusions and clinical implications: Findings in our study suggest that the type of loading affects the load distribution more than the variations in bone and native bone is the primary supporting structure.

Background and Aim

In recent years, with the progress in dental implant surface characteristics and the establishment of surgical methods, implant supported restoration has been recognized as a viable treatment. Treatment with dental implants has the ability to maintain the alveolar ridge over time, which is known to reach a height and width after extraction of teeth. The crestal bone around dental implants may act as a fulcrum point for bone action when a local dentistry treatment is applied, including their surrounding tissues could be more susceptible to dental bone loss by applying force. Although bone loss around implants is reported as a common clinical problem, systematic uncontrolled observation does not always lead to implant loss, but may be the result of biomechanical factors such as a combination of regenerative bone of sufficient quality and quantity for the installation of dental implants, adequate bone in contact with the graft, adequate grafting material. But the disadvantages involved with harvesting autogenous bone and the adverse effect aesthetically, synthetic bone substitute materials is another choice for prosthetic loading. Obtaining sufficient quantity is a key difficult to obtain an adequate finite element analysis (FEA) is an acceptable theoretical technique for obtaining a solution to complex mechanical problems by dividing them into a collection of much smaller interconnected elements. The distribution of forces in per implant base has been investigated for finite element analysis in several studies. The aim of this study was to evaluate the stress distribution around dental implants following the graft application procedures (1) bone defects.

Methods and Materials

The 3-D FEA is considered an appropriate method for investigation of the stress throughout a 3-D structure, and therefore the method was selected for the bone and implants stress evaluation in this study. This software SOLIDWORKS (Dassault Systemes) was used for preprocessing, finite element analysis, and ANSYS 14.0 (ANSYS) for postprocessing in this study. A 3-D model of a bone defect mandibular premolar region was designed for loading and analysis. The model consisted of 2 mm cortical bone with cancellous bone inside. The model consisted of 2 mm cortical bone with varying, first one was with 7mm height second one was with 10mm height and the last one was with 10mm height in the superstructure the Dental Implant KA had a diameter of 4.1 mm, length of 10 mm and H4 abutment were chosen for analysis. Octagonal G1 and octagonal G50 (G2) synthetic graft materials were separated into the defects formed labial. All materials used in the models were considered to be isotropic, homogeneous and linearly elastic.

Material	Elastic Modulus (GPa)	Poisson's Ratio	Density (kg/m ³)
bone	13700	0.2	1900
implant	21000	0.2	8000
graft	13700	0.2	1900
soft tissue	0.001	0.45	1000

Table 1: Material properties

References

- Kernan C, Rogers S, Nunn J, Miskew C. Bone structure around implants: a review of the literature. *J Oral Maxillofac Surg*. 2000;58(10):1154-60.
- Shetty C, Dyer J, Latham S, Dyer J, Dyer J, Dyer J. The effect of bone grafting on the stability of dental implants: a systematic review. *J Oral Maxillofac Surg*. 2000;58(10):1154-60.

Presented at the 20th Annual Scientific Meeting of the European Association of Osseointegration 10-13 October 2012, Copenhagen, Denmark

441

COMPARATIVE MEASUREMENT OF FRACTURE RESISTANCE OF VARIOUS KIND INTERNAL CONNECTION SYSTEMS

Abstract

Background: Dental implants are a well accepted treatment for partially or totally edentulous subjects. Innovations through research have led to advancements in surgical and restorative techniques, improved surface features and restorative components. Dental implants typically use either internal or external connections with the crown. Although both connections are extensively used clinically, distinctly different stress distributions are produced within the crown. Although both connections are extensively used clinically, distinctly different stress distributions are produced within the crown. Clinicians have reported implant components linked to mechanical failure of crown and implant.

Aim: The purpose of this study was to compare the stress distribution characteristics of different abutment connection designs (occlusal loading, using 3-dimensional (FEM) Finite Element Method).

Methods: In this study three different implant brands (Dental Implant KA4 and other four implants) were investigated. The stress distribution of different implant abutment connection systems having same material properties were evaluated under same loading conditions, the advantages and disadvantages of each system were assessed. The investigations were performed using FEM (Finite Element Analysis Software) methods in a software based system.

Results: No differences were found between different implant brands.

Conclusions and clinical implications: In this study different Dental Implant KA4 implant samples were applied by means of finite element computational method. In the conclusion not a significant effect was observed.

Background and Aim

The prosthetic elements have an important effect on the degree of implant the osseointegration of the success, especially in terms of esthetics, quality of life and patient satisfaction depends on the prosthetic elements. In particular, the implant abutment connection is of great importance when it comes to long term stability and a successful prosthetic restoration. Dental implants are particularly sensitive to lateral forces. Therefore, the design of an internal connection system that neutralizes and distributes all forces equally on the entire implant is crucial. The aim of this preliminary study was to make a qualitative comparison and evaluation, by means of 3D finite element analysis, the stress distribution produced by simulated load under an internal connection implant systems.

Methods and Materials

The 3-D FEA is considered an appropriate method for investigation of the stress throughout a 3-D structure, and therefore this method was selected for bone and implants stress evaluation in this study. This software SOLIDWORKS (Dassault Systemes) was used for preprocessing, finite element analysis, and ANSYS 14.0 (ANSYS) for postprocessing in this study. In this study five different implant brands (Dental Implant KA and other four implants) were investigated. The stress distribution of different implant-abutment connection systems, having same material properties were evaluated under same loading conditions, the advantages and disadvantages of each system were assessed. The investigations were performed using FEM (Finite Element Analysis Software) methods in a software based system.

Results

File Name of File	Vertical	Medial	Oblique
The amount of Force (Newtons)	100	50	50
Maximum Value of Stress (MPa)	3.047E+08	1.0017E+08	3.3441E+08
Min Value	6.441E-08	7.01E-08	7.01E-08

Table 1: The amount of force and stress value of the connection system in the model

Regardless of abutment types and loading conditions, higher stress concentration was observed at the cortical bone. In cancellous bone, the highest stress was observed at apical portion and the maximum stress occurred at the implant neck. The higher internal stress was observed in the fulcrum than in the bone. No differences were found between different implant brands. In this study different Dental Implant KA4 implant samples were applied by means of finite element computational method. In the conclusion not a significant effect was observed.

Figure 1: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 2: The stress distribution on the implant neck after applying equivalent 50 N force.

Figure 3: The stress distribution on the implant neck after applying equivalent 50 N force.

Figure 4: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 5: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 6: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 7: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 8: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 9: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 10: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 11: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 12: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 13: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 14: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 15: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 16: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 17: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 18: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 19: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 25: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 26: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 27: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 28: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 29: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 30: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 31: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 32: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 34: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 35: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 36: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 37: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 38: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 39: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 41: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 44: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 46: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 47: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 48: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 49: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 50: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 51: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 52: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 53: The stress distribution on the implant neck after applying equivalent 100 N force.

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Figure 55: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 56: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 57: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 58: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 59: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 60: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 61: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 62: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 63: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 64: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 65: The stress distribution on the implant neck after applying equivalent 100 N force.

Figure 66: The stress distribution on the implant neck after applying equivalent 100 N force.

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INTERNAL CONICAL OCTAGON CONNECTION

Perfect overlap with Cold Weld Connection protects microleaks.

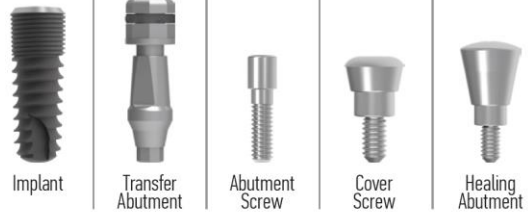
Increases the resistance and decreases the risk of bone resorption against the curvature and distortion moments by the force distribution.

Conical Connection System allows a good mechanical connection and prevents infections by demonstrating obturation effect.

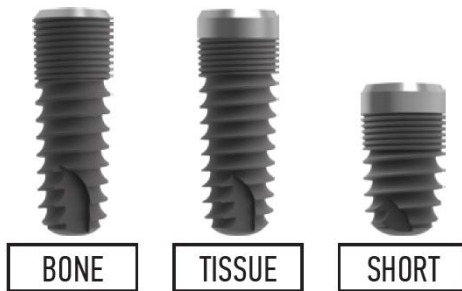
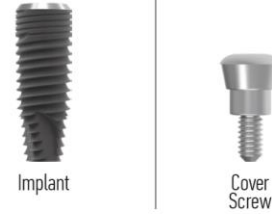




FULL PACK IMPLANT



UNI PACK IMPLANT





BONE TISSUE SHORT

FULL PACK IMPLANT



Ø3.3-Ø3.7

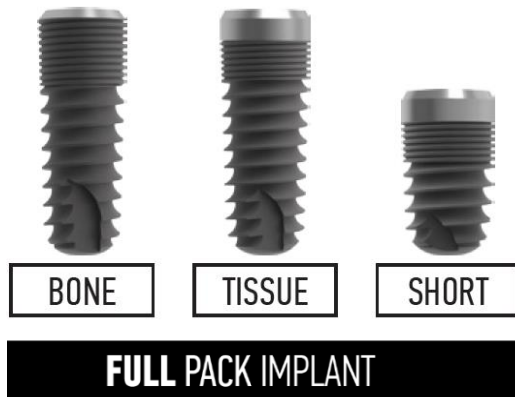


Ø4.1-Ø4.7



Ø5.3-Ø6.0

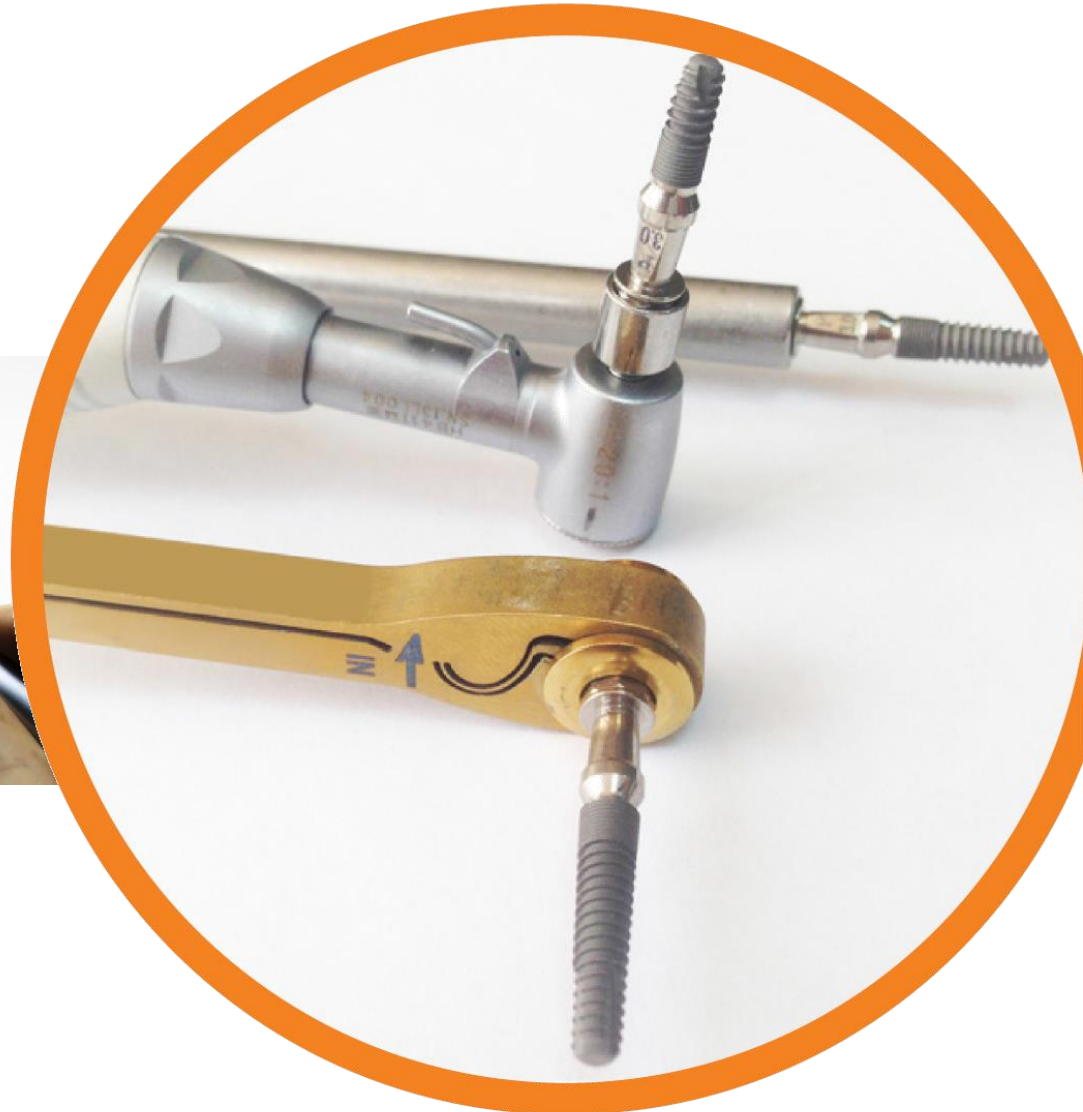
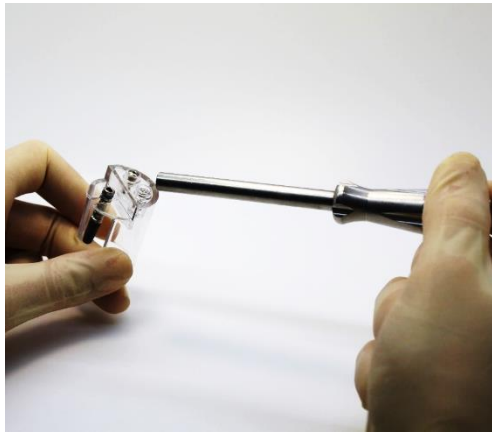






MODE IMPLANT SYSTEM

Global Manufacturer of Implant Dentistry





Ø3.3-Ø3.7



Ø4.1-Ø4.7



Ø5.3-Ø6.0



UNI PACK IMPLANT



UNI PACK IMPLANT



NEW
PRODUCTS

LEVEL



NEW
PRODUCTS

RAPID



UNI PACK IMPLANT



**NEW
PRODUCTS**

DESIGNED BY
MODE MEDICAL®

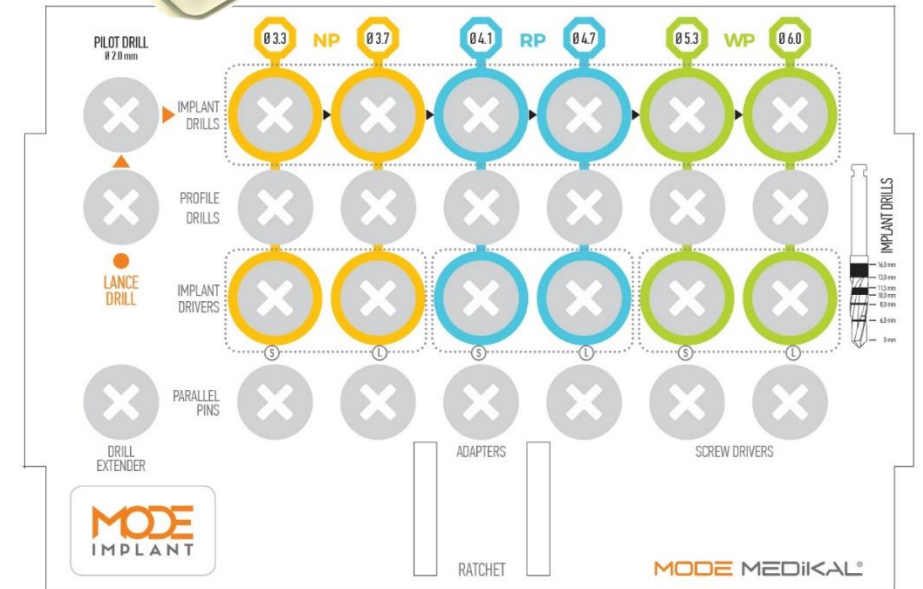
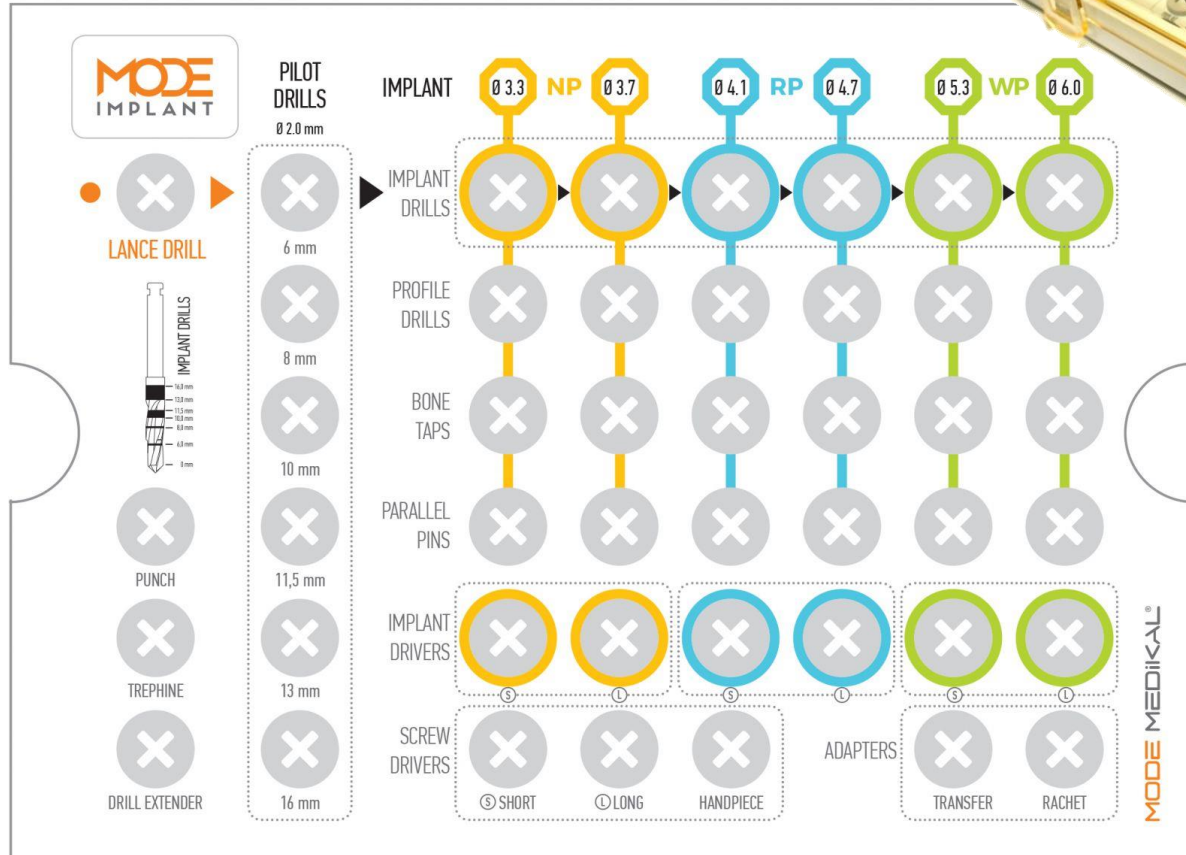


SURGICAL KITS

MODE Implant provides high level comfort and unlimited surgery freedom and presents Quick and Standard 2 different surgical instrument kits for their users.

MODE Implant products are designed especially to simplify dentists work both in surgical and in prosthetic phases. MODE Implant Surgical Instrument Kits help to complete surgery implementation in few steps.





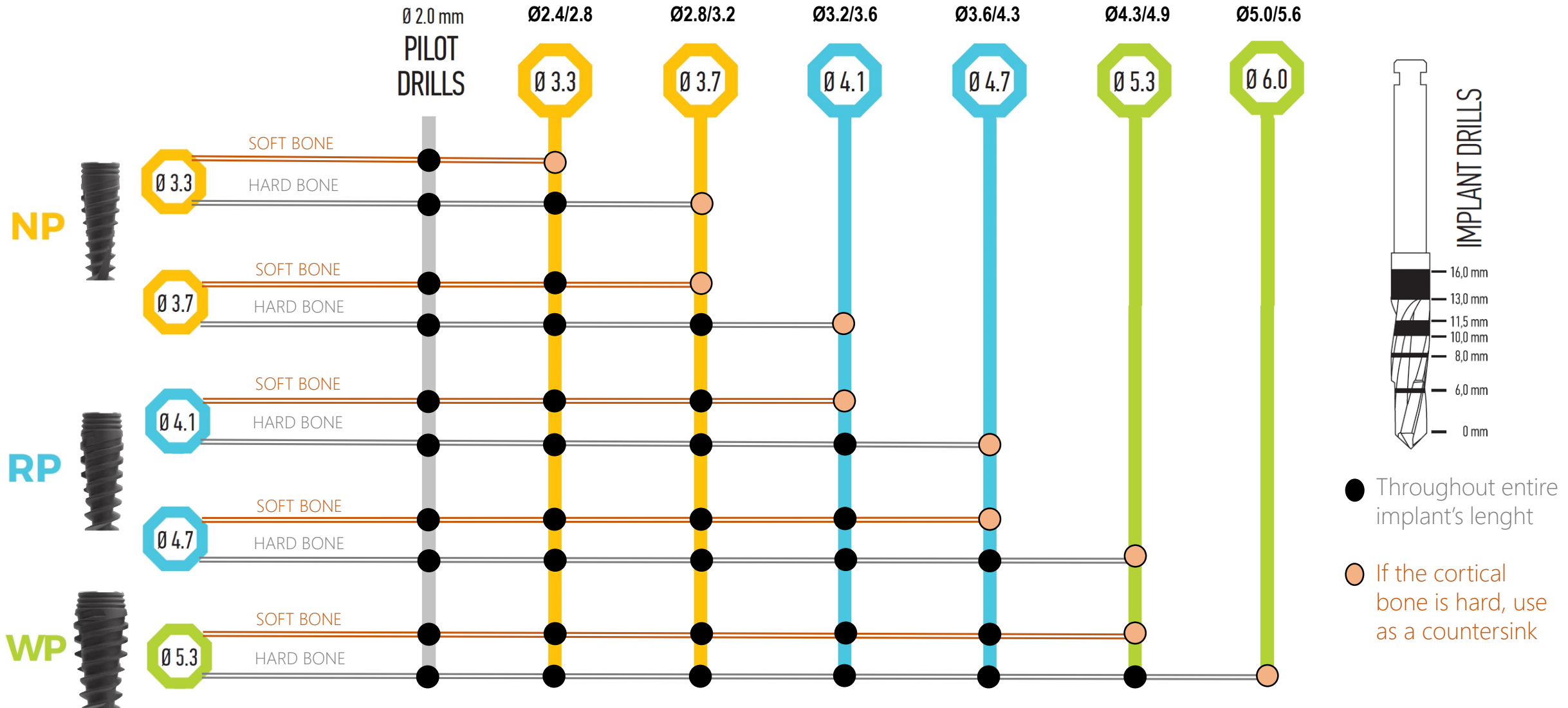


MODE IMPLANT SYSTEM

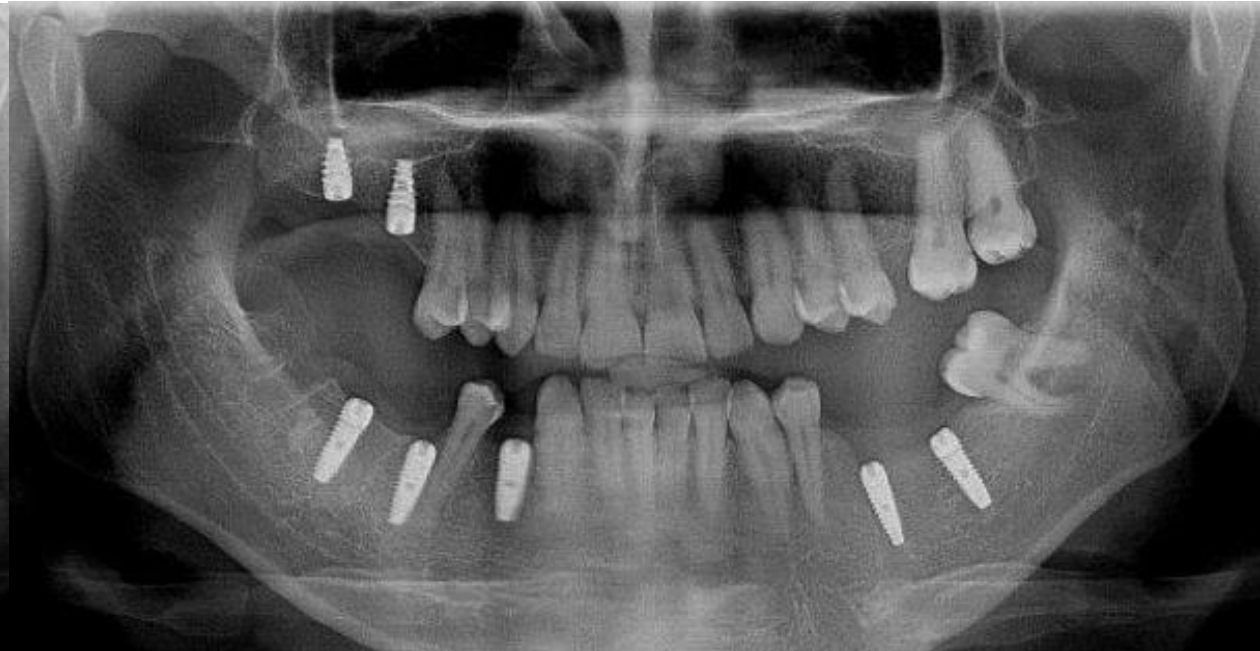
Global Manufacturer of Implant Dentistry



FULL



RAPID



LEVEL



CEMENT RETAINED RESTORATION SOLUTIONS



SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS



PROFIL Abutment



DIGITAL Abutment



ESTHETIC Abutment



15/25° ESTHETIC Abutment



OCTA SINGLE Abutment



OCTA MULTI Abutment



MULTI-BASE Abutment



BALL Abutment



LOCATOR Abutment



MULTI-BASE Abutment



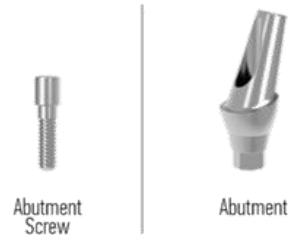
MAXIMUM PERFORMANCE IN RESTORATION AND WIDE RANGE OF PROTHETIC SOLUTIONS...



FULL PACK ABUTMENT



UNI PACK ABUTMENT





FULL PACK IMPLANT



Implant



Transfer Abutment



Abutment Screw



Cover Screw



Healing Abutment



BONE



TISSUE



SHORT



Ideal Standard

Ideal Standard



Ø4.0 mm
H3mm



Ø4.5 mm
H3mm



Ø5.0 mm
H3mm

optional

Healing Abutment



H : 2 - 4 - 6 mm



H : 2 - 4 - 6 mm

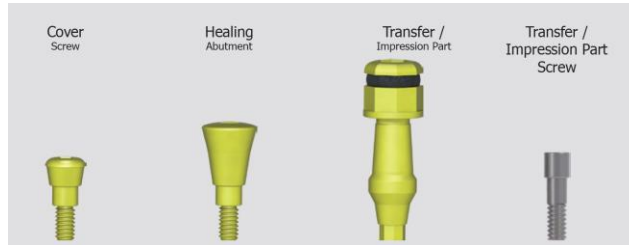


H : 2 - 4 - 6 mm 44

FULL PACK IMPLANT

Ideal Standard

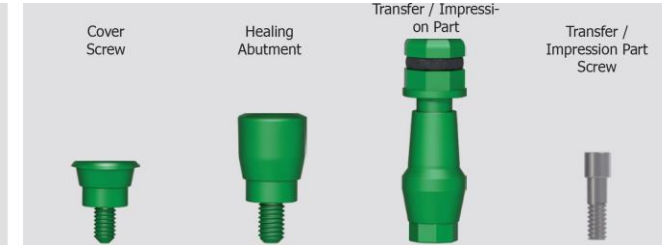
Healing Abutment



ØD: 4.0mm
H: 3.0 mm
M: 1.6



ØD: 4.5mm
H: 3.0 mm
M: 1.6



ØD: 5.0mm
H: 3.0 mm
M: 1.8

Implant and Abutment Depth Gauge

One measuring system for all implants and abutments

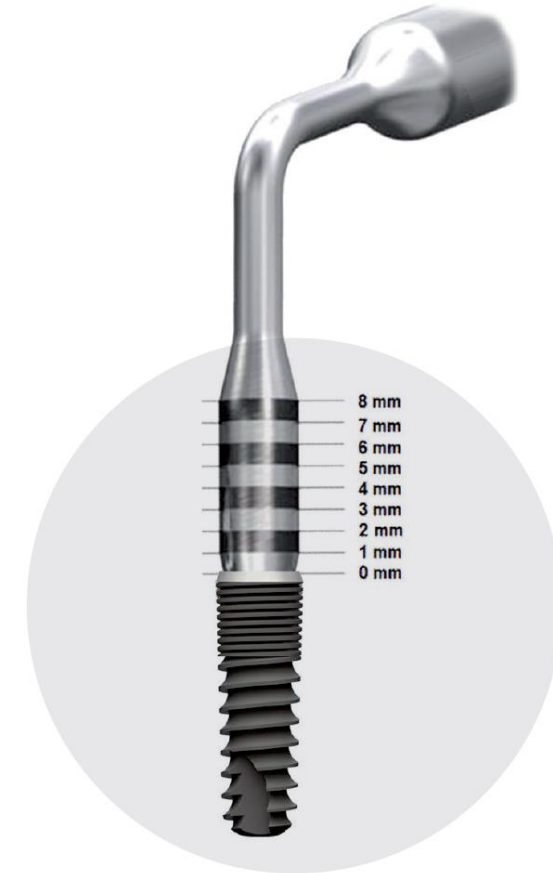
Depth Gauge



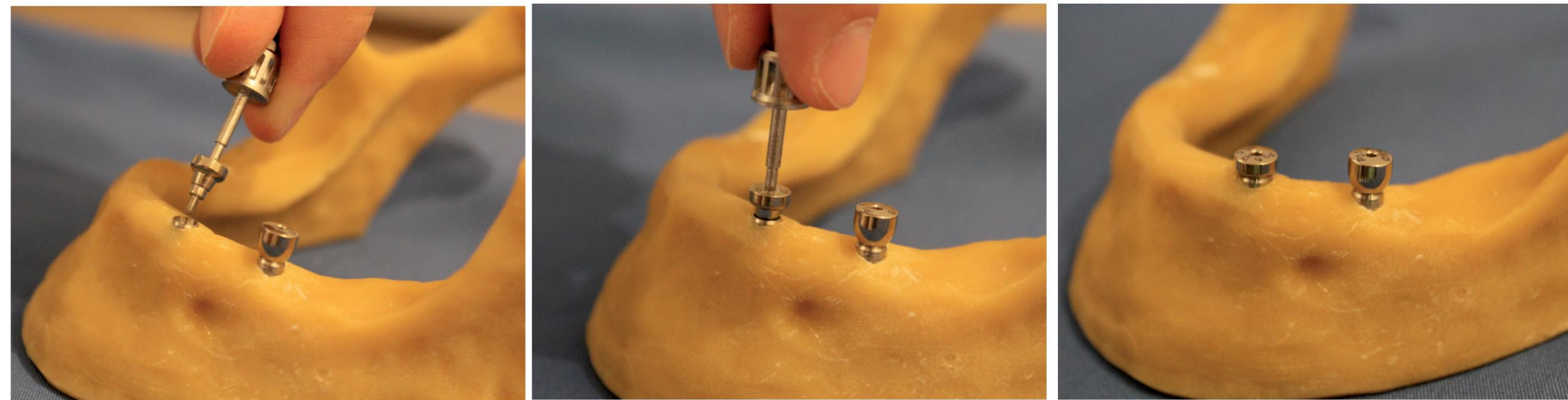
Depth Gauge
for implants



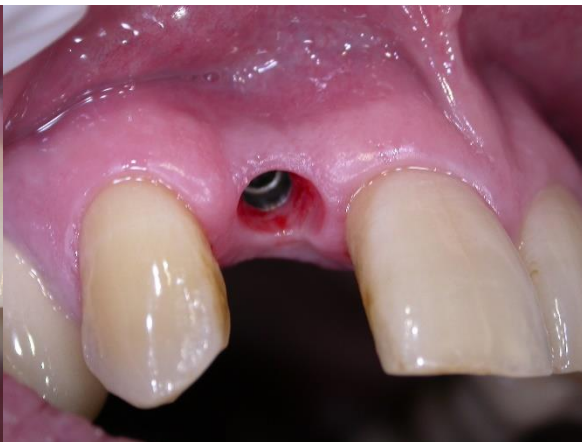
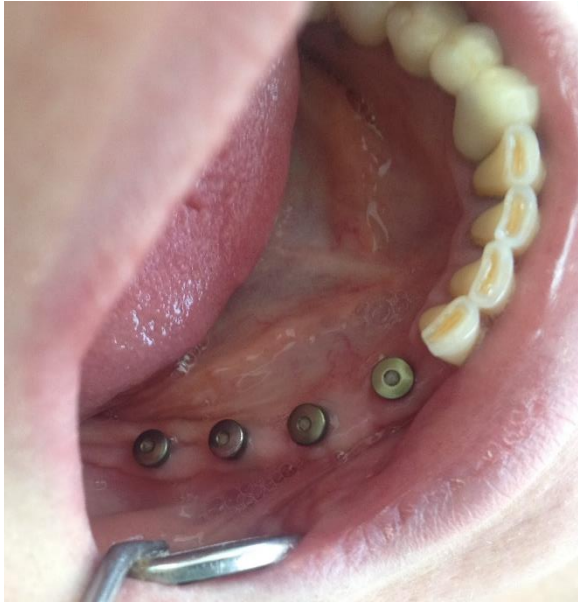
Depth Gauge
for abutments



MAXIMUM Tightening torque: 5 – 10 Ncm



Items according to gingival thickness and abutment type



Impression Methods

1. TRANSFER ABUTMENT

(Open & Closed Tray Impression)

2. IMPRESSION COPING

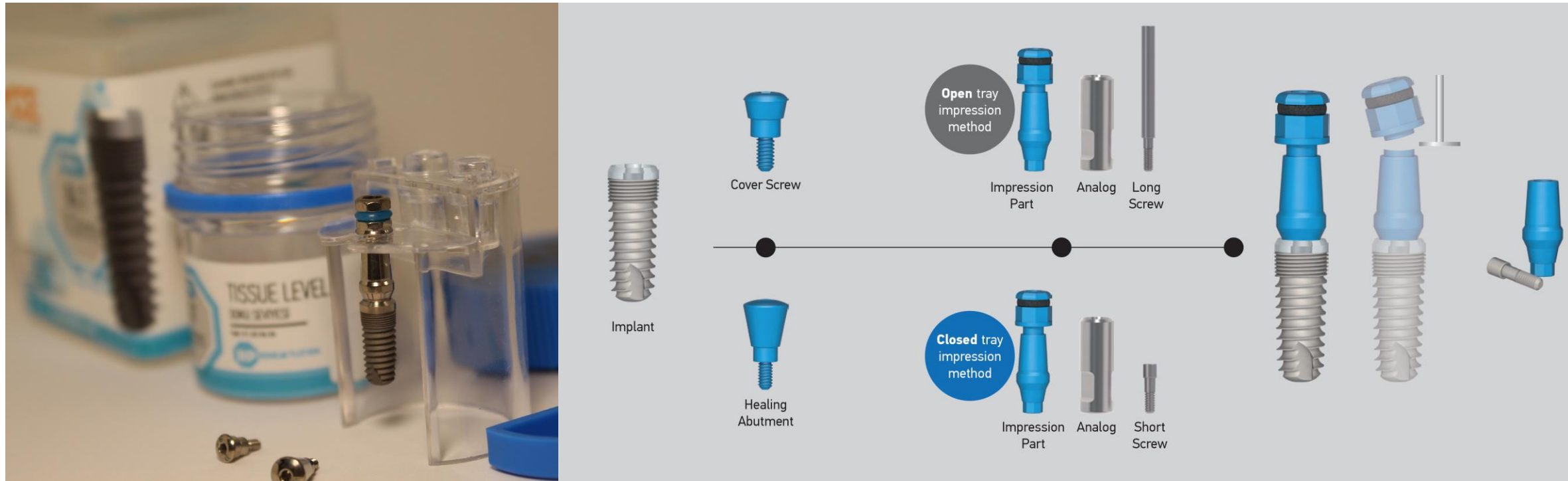
(Open & Closed Tray Impression)

1. SCAN ABUTMENT

(Digital Oral Scanner)



Transfer Abutment Impression Method



The transfer part which is inside the standard package together with implant can be used for multi purposes.

1- Transfer part 2- Impression Part 3- Final Abutment

Transfer Abutment Impression Method



1. Removal of healing abutment



2. Connection of impression part



3. Screwed by hex driver

Transfer Abutment Impression Method

Closed Impression Method



Implant



Cover Screw



Healing Abutment



Analog



Impression Part



Short Screw



4. Inject the impression material



5. Impression with closed tray



6. Removal of closed tray



7. Removal of impression part's screw by hex driver



8. Removal of impression part



9. Connection of impression part and analog



10. Choosing the right position of impression part for closed tray



11. Inter-locking of impression part into closed impression tray

Transfer Abutment Impression Method

Open Impression Method



Implant



Cover
Screw



Healing
Abutment



Analog



Impression
Part



Long
Screw

1. Removal of healing abutment



2. Connection of impression part



3. Screwed with open impression screw by hex driver



4. Controlling the position in opened tray



5. Impression with open tray

6. Removal of open impression screw

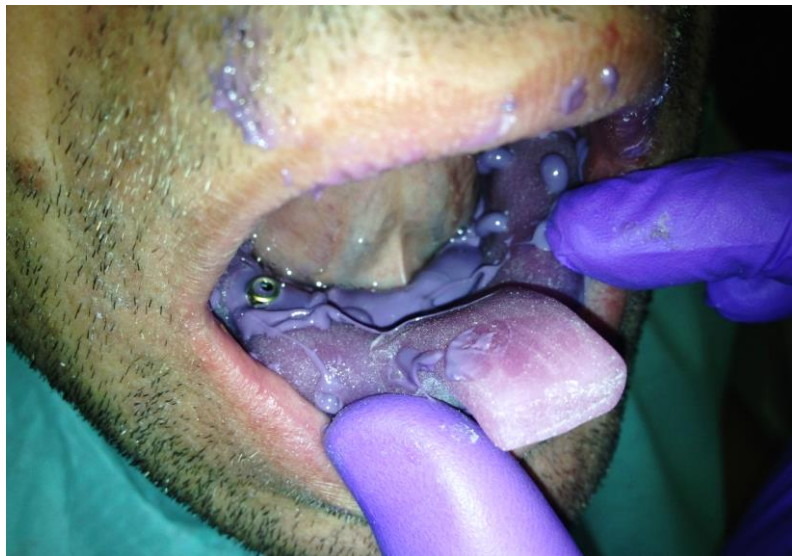
7. Removal of open tray



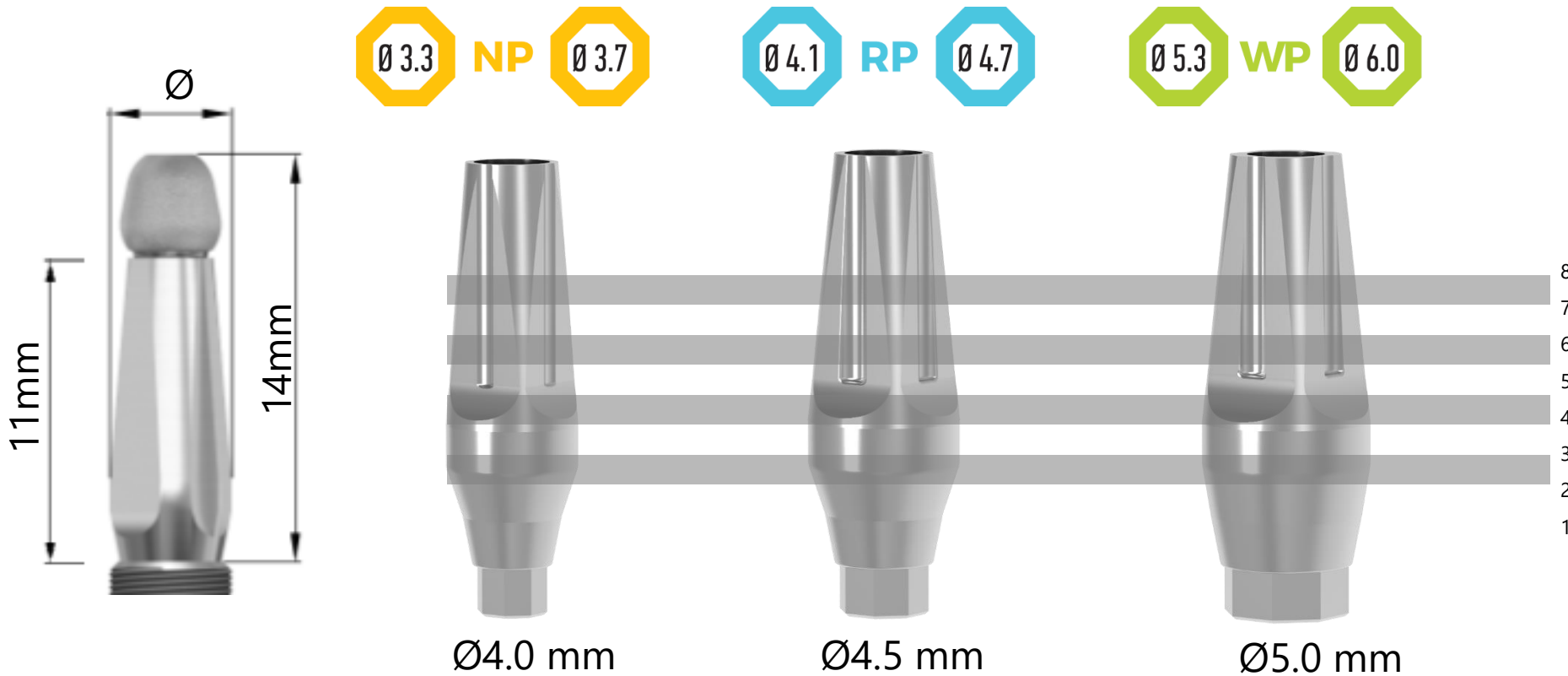
8. Connection of impression part and analog within open tray

Transfer Abutment Impression Method

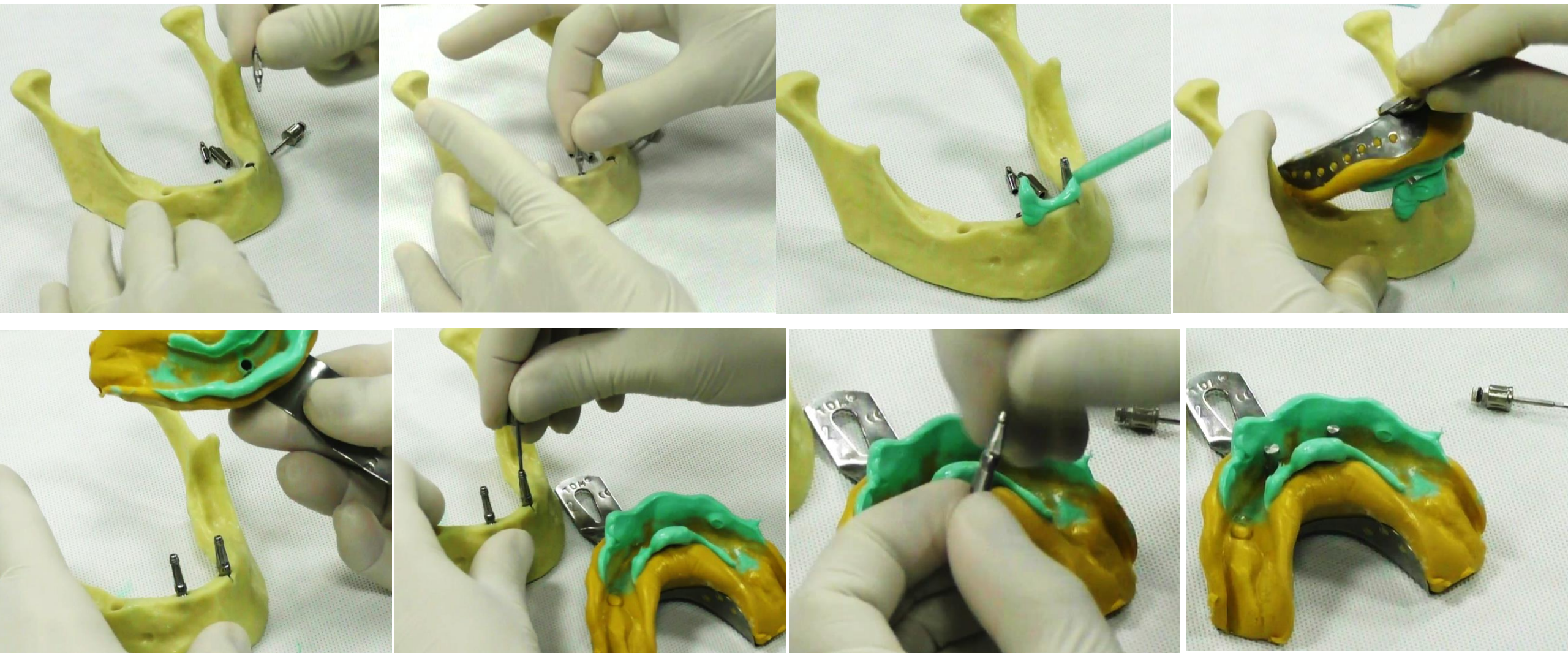
MODE
IMPLANT



Impression Coping



Impression Coping



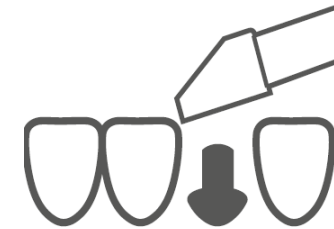
Oral Scanner Impression

SCAN Abutment



Intra Oral
Scanner

1. Scan



2. Control



3. Data Transfer

STL



CEMENT RETAINED RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS



Ø 3.3 NP Ø 3.7



SINGLE

Ø 4.1 RP Ø 4.7



PARTIAL

Ø 5.3 WP Ø 6.0



FULL ARCH

CEMENT RETAINED RESTORATION SOLUTIONS

MODE
IMPLANT

TRANSFER ABUTMENT



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

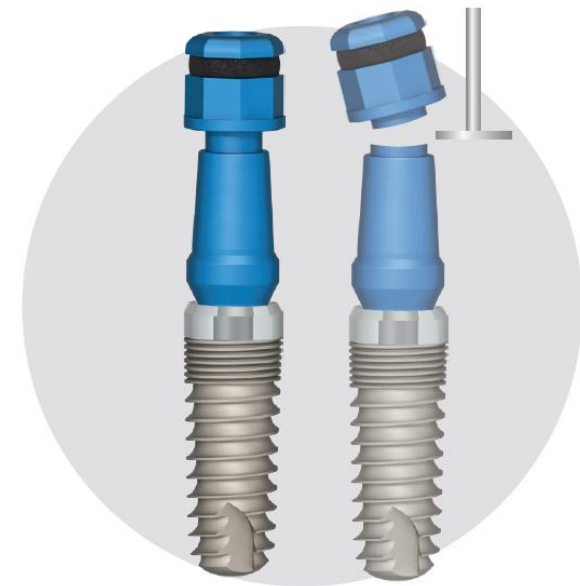
TRANSFER ABUTMENT



It is made of the same material of the implants (Titanium Grade 4).

It can easily be prepared by a lab and used as an abutment according to your need.

- 1- Transfer part
- 2- Impression Part
- 3- Final Abutment



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

TRANSFER ABUTMENT



GRADE4 SAF TITANYUM STANDARD ABUTMENT

- Prepared gingiva height
- Excellent functionality thanks to Grade 4 pure titanium.
- Special desing which enables easy and practical preperation.
- Prevents rotation of crown in use of single unit cemented prosthetic.
- Ideal mechanical connection with Conic(Morse Taper),Platform switching and OCTAFIT.
- It gives the possiblity for preperation of angled or straight abutment.
- It is very economic for single unit and bridge prosthetic works.

CEMENT RETAINED

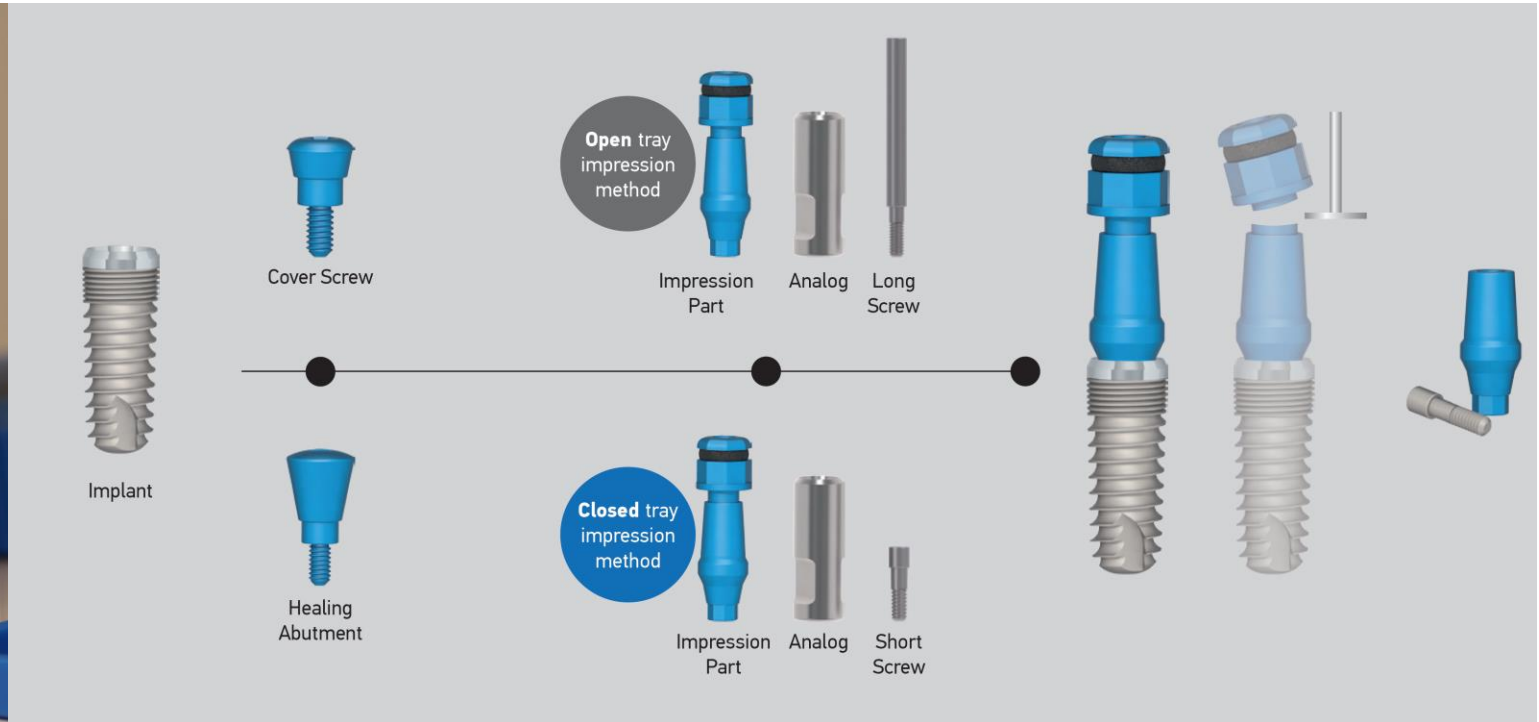
RESTORATION SOLUTIONS



TRANSFER ABUTMENT

CEMENT RETAINED

RESTORATION SOLUTIONS

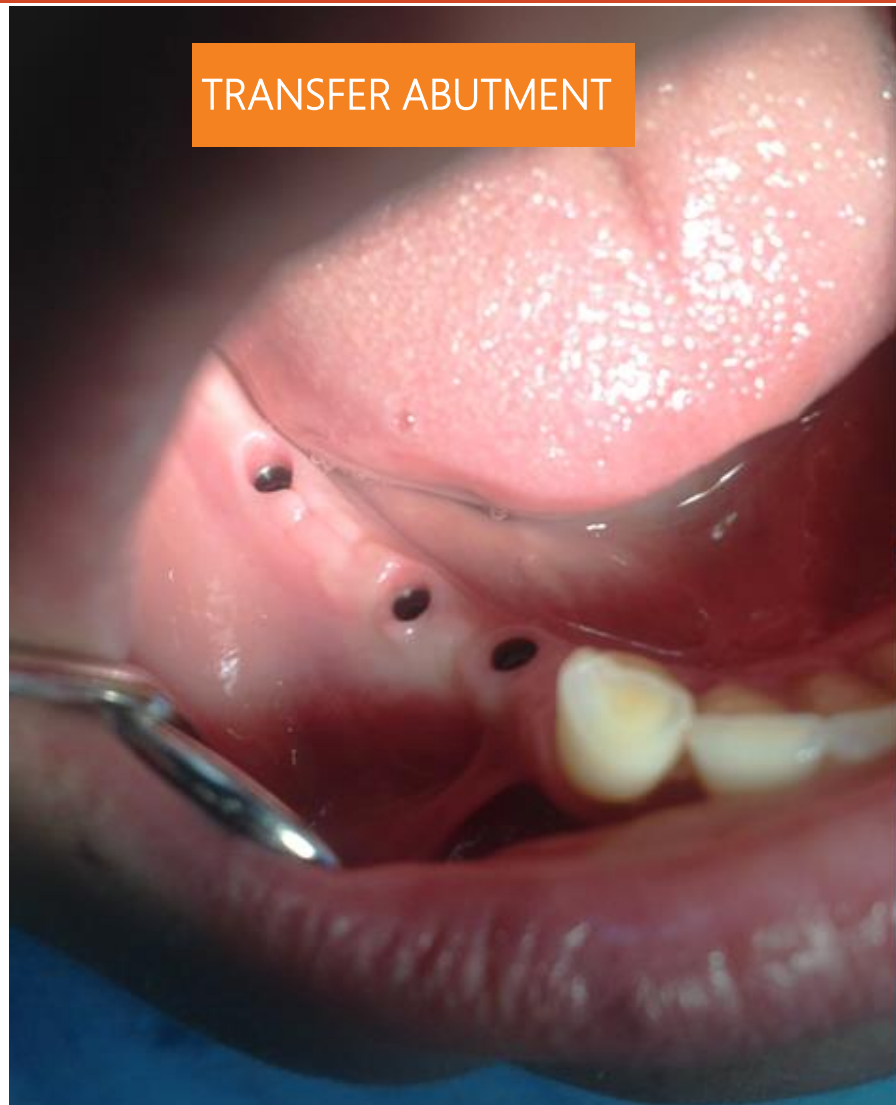


The transfer part which is inside the standard package together with implant can be used for multi purposes.

CEMENT RETAINED RESTORATION SOLUTIONS



TRANSFER ABUTMENT



CEMENT RETAINED
RESTORATION SOLUTIONS



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

TRANSFER ABUTMENT



CEMENT RETAINED

RESTORATION SOLUTIONS

MODE
IMPLANT

TRANSFER ABUTMENT

CEMENT RETAINED
RESTORATION SOLUTIONS



CEMENT RETAINED

RESTORATION SOLUTIONS



TRANSFER ABUTMENT



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED RESTORATION SOLUTIONS






CEMENT RETAINED
RESTORATION SOLUTIONS

PROFILE ABUTMENT

PROFIL ABUTMENT



Platform	Implant	Profil Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	Ø4.5 H 1.0 / 2.0 / 3.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	Ø5.5 H 1.0 / 2.0 / 3.0mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	Ø6.5 H 1.0 / 2.0 / 3.0mm



Moldable cement-retained abutment design provides maximum preparations for stable restorations of single, partial or total toothless cases.

CEMENT RETAINED

RESTORATION SOLUTIONS

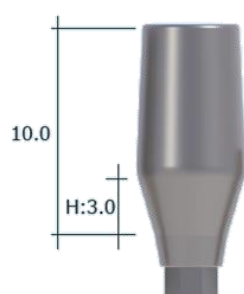
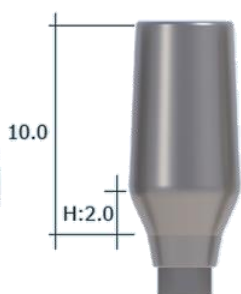
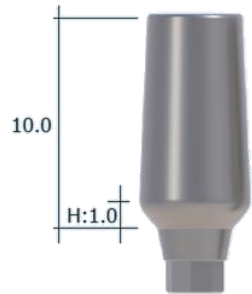


PROFILE ABUTMENT

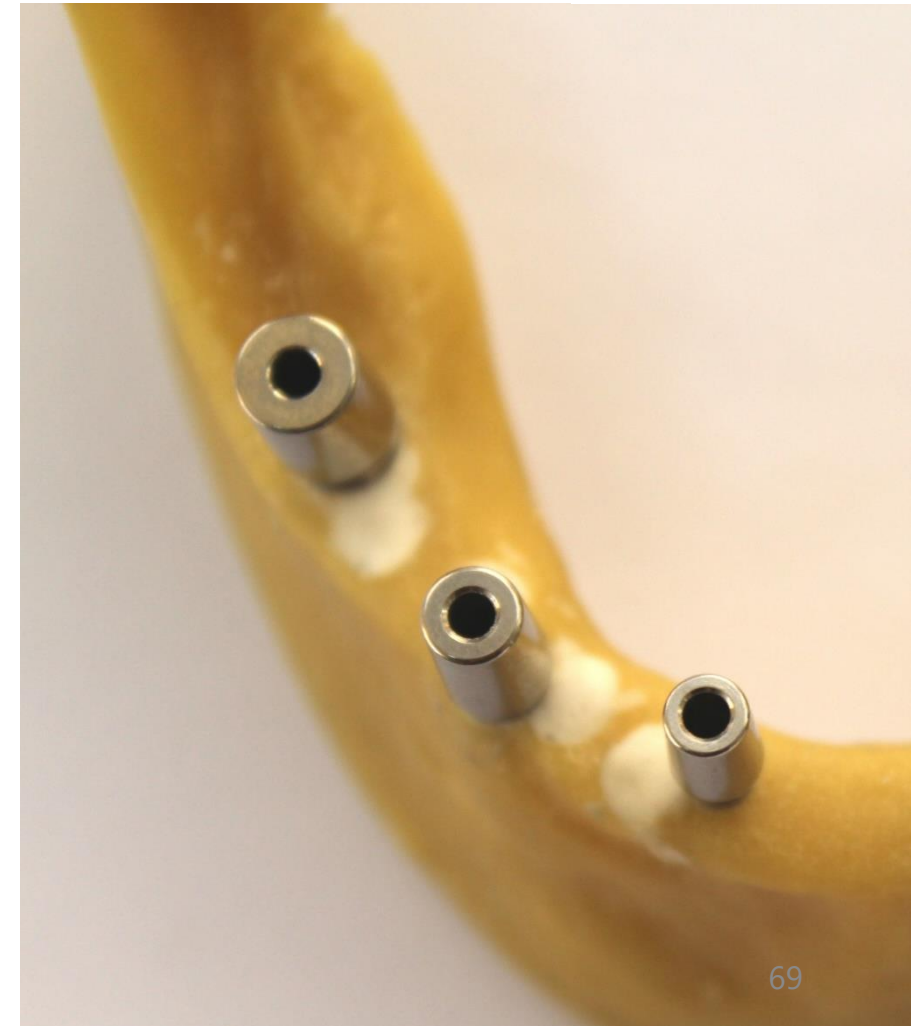
Ø3.3 NP Ø3.7

Ø4.1 RP Ø4.7

Ø5.3 WP Ø6.0



CEMENT RETAINED
RESTORATION SOLUTIONS



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

PROFILE ABUTMENT



Cement Supported Shapeable Design

1. Provides a solution with its abutment height for long crowns.
2. Provides the possibility to increase the crown volume with its wide platform and 3 different diameters.
3. Provides the possibility to choose the best level with its 3 different gingiva heights.
4. Platform Switching is a structure concept which keeps away the micro gap between implants and abutments from bone tissue and allows the proliferation of circular connective tissue fibers.
5. Conical Connection provides an excellent bearing and optimum force distribution by Morse taper (conical) connection which prevents leakage of micro organisms.
6. Octagon design is the octagonal connection structure which balances the force distribution between implants and abutments

CEMENT RETAINED RESTORATION SOLUTIONS



PROFILE ABUTMENT



CEMENT RETAINED
RESTORATION SOLUTIONS



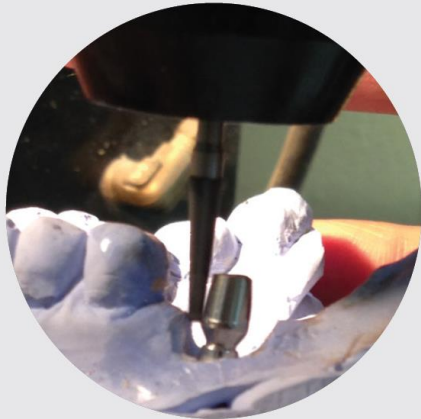
CEMENT RETAINED

RESTORATION SOLUTIONS

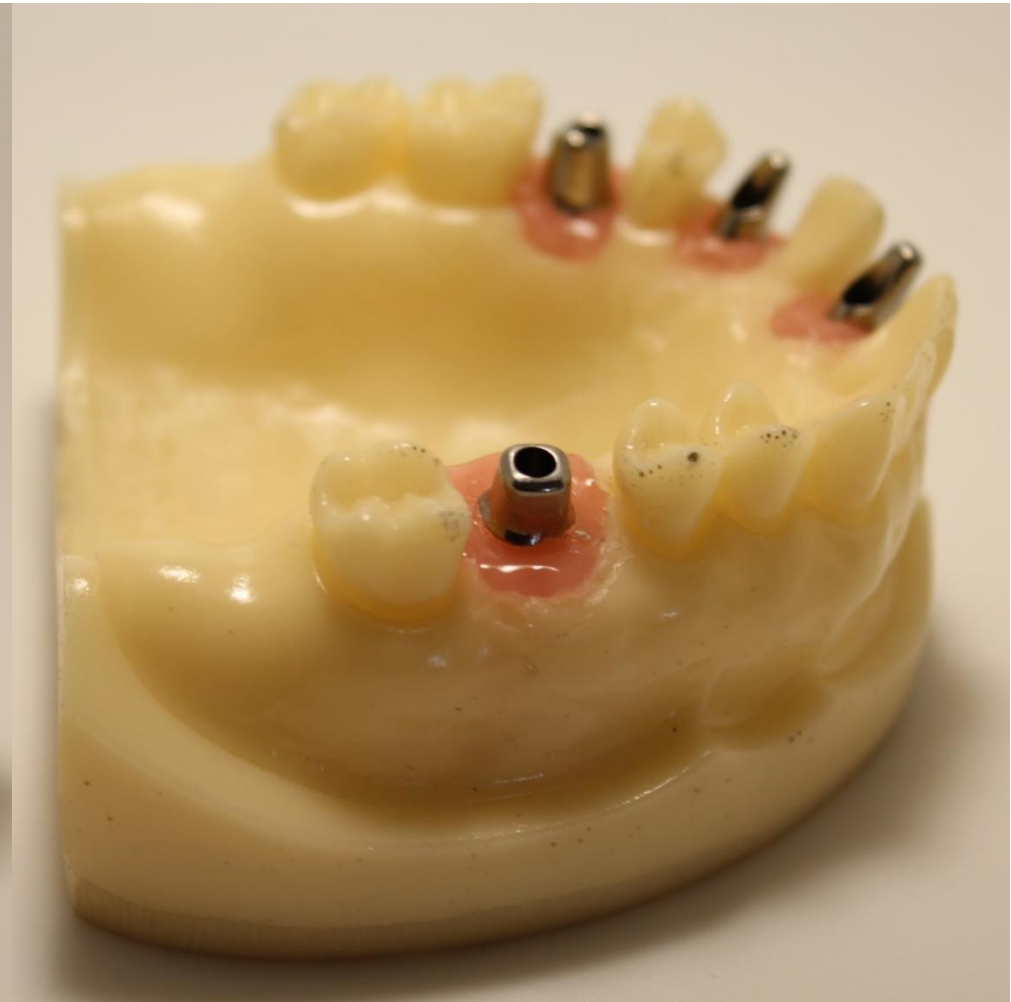
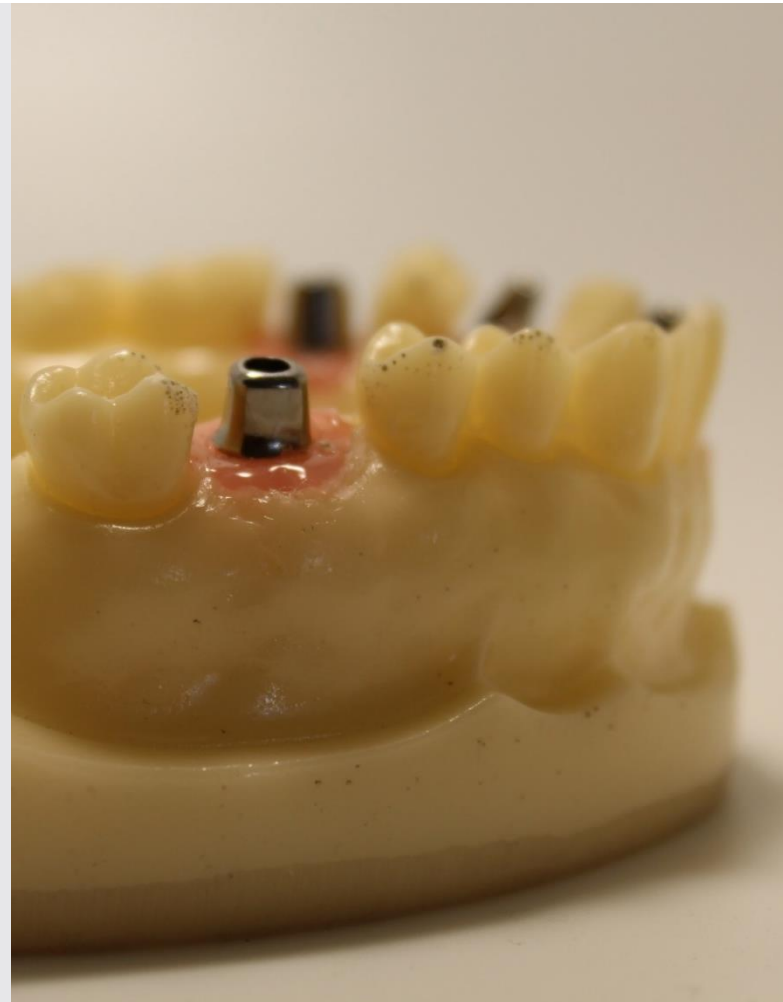


CEMENT RETAINED
RESTORATION SOLUTIONS

PROFILE ABUTMENT



Preparation



CEMENT RETAINED

RESTORATION SOLUTIONS






CEMENT RETAINED
RESTORATION SOLUTIONS

DIGITAL ABUTMENT



DIGITAL ABUTMENT



Platform	Implant	Digital Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	Ø3.5 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm Ø4.0 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	Ø4.5 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm Ø5.0 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	Ø5.0 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm Ø6.0 H 0.5 / 1.0 / 2.0 / 3.0 / 4.0mm

Can be used in all arch restorations of single, partial and total toothless cases. Multiple gingiva heights step and body widthwise, possibility of cutting body according to interocclusal space. Besides that, it provides practical solutions and saves time for dentists and laboratory during the implementation. Also can be prepped.

CEMENT RETAINED RESTORATION SOLUTIONS



DIGITAL ABUTMENT



H : Diş Eti Yükseklik Çeşitleri



Digital Abutment can be used for all single member, partial and or arch restorations.

Thanks to body length most suitable abutment can be used easily. Therefore during the application it provides practical solution and save time. In this case, conventional impression and laboratory stage can be followed.

Gingiva heights, step and body wide might be shortened according to interocclusal distance.

CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

DIGITAL ABUTMENT



- 5 different gingiva heights
- 7 different crown seat diameters
- Excellent functionality by Grade4 pure titanium.
- Provides more possibilities for preparation with it's external screwed design.
- It can be used for cemented single unit and multi unit prosthetics.
- Wide product range which facilitates laboratory and impression procedures.
- Provides the possibility to make metal crown without making modelling wax.
- Excellent mechanical connection with conic (Morse Taper), platform switching.
- Easy and quick impression and prosthetic solutions.

CEMENT RETAINED

RESTORATION SOLUTIONS



DIGITAL ABUTMENT

CEMENT RETAINED
RESTORATION SOLUTIONS



CEMENT RETAINED

RESTORATION SOLUTIONS



DIGITAL ABUTMENT

CEMENT RETAINED
RESTORATION SOLUTIONS



CEMENT RETAINED




RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

ESTHETIC STRAIGHT

AESTHETICS ABUTMENT

Platform	Implant	Aesthetics Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	Ø4.0 H 1.0 / 2.0 / 3.0 / 4.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	Ø5.0 H 1.0 / 2.0 / 3.0 / 4.0mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	Ø6.0 H 1.0 / 2.0 / 3.0 / 4.0mm

Aesthetics Abutment has imitative gingiva anatomic form and provides ideal solutions for anterior toothless with maximum aesthetics expectations.



CEMENT RETAINED

RESTORATION SOLUTIONS






CEMENT RETAINED

RESTORATION SOLUTIONS

ESTHETIC ANGLED

15/25° AESTHETICS ABUTMENT

Platform	Implant	15/25° Aesthetics Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	Ø4.0 H 1.0 / 2.0 / 3.0 / 4.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	Ø5.0 H 1.0 / 2.0 / 3.0 / 4.0mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	Ø6.0 H 1.0 / 2.0 / 3.0 / 4.0mm



Rich Range of Angled 15° and 20° design with different gingiva heights.

Imitative esthetic gingiva anatomy form gives perfect soft tissue combination possibility.

Octagon design gives possibility to load in 8 possible positions .



CEMENT RETAINED

RESTORATION SOLUTIONS



CEMENT RETAINED

RESTORATION SOLUTIONS

ESTHETIC ANGLED



1. Connection Screw Input Section: Designed for input of abutment- implant connection screw.
2. Angle Planum: When there is no possibility to place implants straightly, it provides many solutions with 3 different angle options to patients for esthetic and functional problems.
3. Esthetic Form: The angled abutment has the form which copies anatomic structure of gingiva in anterior region.
4. Gingiva Height: Provides the possibility to choose the best level with its 3 different gingiva heights.
5. Platform Switching is a structure concept which keeps away the micro gap between implants and abutments from bone tissue and allows the proliferation of circular connective tissue fibers.
6. Conical Connection provides an excellent bearing and optimum force distribution by Morse taper (conical) connection which prevents leakage of micro organisms.
7. Octagon design is the octagonal connection structure which balances the force distribution between implants and abutments

CEMENT RETAINED RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

ESTHETIC ANGLED



OVERDENTURE

RESTORATION SOLUTIONS



OVERDENTURE

RESTORATION SOLUTIONS

ESTHETIC ANGLED



Movable prosthesis abutment models ;

- 1- Ball Abutment
- 2- Locator Abutment
- 3- MultiBASE Abutment
- 4- Bar System



BALL
Abutment



LOCATOR
Abutment



MULTI-BASE
Abutment



CEMENT RETAINED

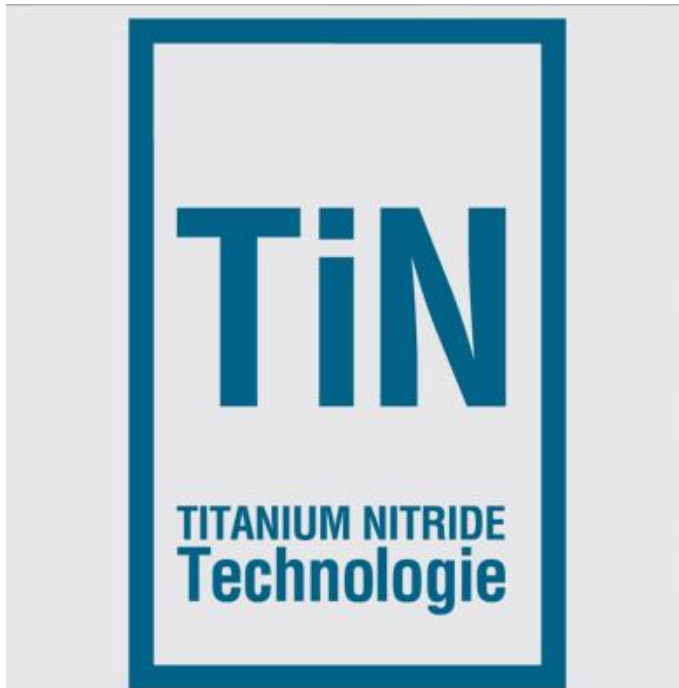
RESTORATION SOLUTIONS



CEMENT RETAINED
RESTORATION SOLUTIONS

COMFORTABLE and LONG LIFE SPAN Titanium Nitride Technology

In the removable Ball abutment and Locator prosthetic products surface resistance (hardness) strength was quadrupled and surface friction coefficient was minimized thanks to the TiN Titanium Nitride technology.



By the TiN technology Ball Attachments and Locator Abutments surface resistance 4 times and reduce the surface friction coefficient to the minimum level.

OVERDENTURE

RESTORATION SOLUTIONS



OVERDENTURE



RESTORATION SOLUTIONS

BALL ABUTMENT

Movable (Rhein 83) prosthesis option presents solutions for total toothless cases without angular problems of implants with high retention and stability.

Perfect comfort with minimized surface friction coefficient TIN Titanium nitride technology.

BALL ABUTMENT

Platform	Implant	Ball Abutment
	Ø3.3-Ø3.7	H 0.5 / 1.0 / 2.0 / 3.0 / 4.0 / 6.0mm
	Ø4.1-Ø4.7	H 0.5 / 1.0 / 2.0 / 3.0 / 4.0 / 6.0mm



OVERDENTURE

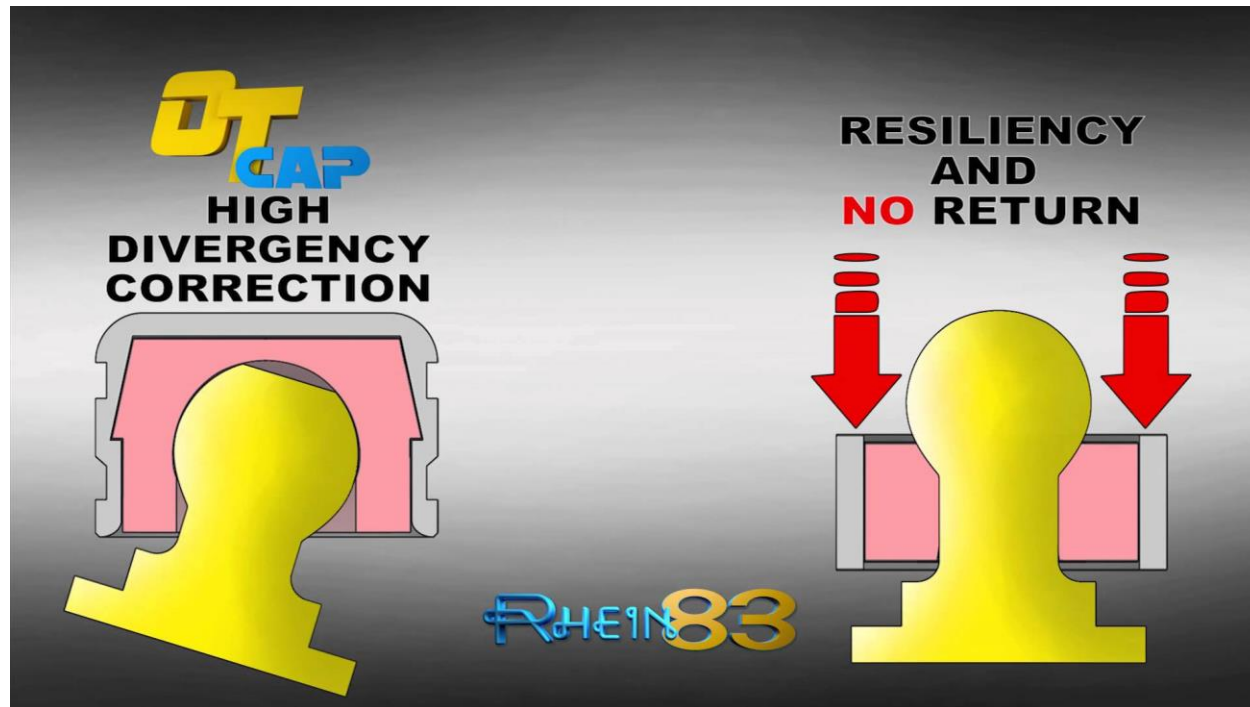
RESTORATION SOLUTIONS



OVERDENTURE

RESTORATION SOLUTIONS

BALL ABUTMENT



RHEIN83[®] S.r.l

Rhein 83, an Italian company founded in 1983, manufactures high quality and long-lasting implant prosthetic products that are the preferred choice of dentists and technicians in around 100 countries today.

Mode Implant Ball Abutment plastic & metal housing system made in Italy by Rhein83 company.

OVERDENTURE

RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

BALL ABUTMENT



PRECISION and LONG LIFE SPAN

Removable prosthesis retainers become exposed to corrosion over time because of their use, and the continuous connecting and removing processes of the prosthesis by the patient for cleaning purposes decrease the life of these products substantially.

With their high elastic retention capability and rigid structure, Rhein 83 components, whose flexibility rates are quality controlled, provide 4 different color options for elasticity and retention features in Ball Attachment plastics.

These long-life plastics ensure successful results, even in cases of unbalanced prosthesis.

RHEIN83[®] S.r.l

Plastic Retention Attachment



BALL ABUTMENT

Ball Attachment Set



Ball Attachment
(Titanium GR5)

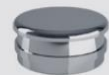


Ball Attachment Analog
(Stainless Steel)



Pick Up
(Plastic)

RHEIN83[®] S.r.l



Metal
Prosthesis
Matrix



Plastic
Prosthesis
Matrix



O-ring
(Plastic)



OVERDENTURE

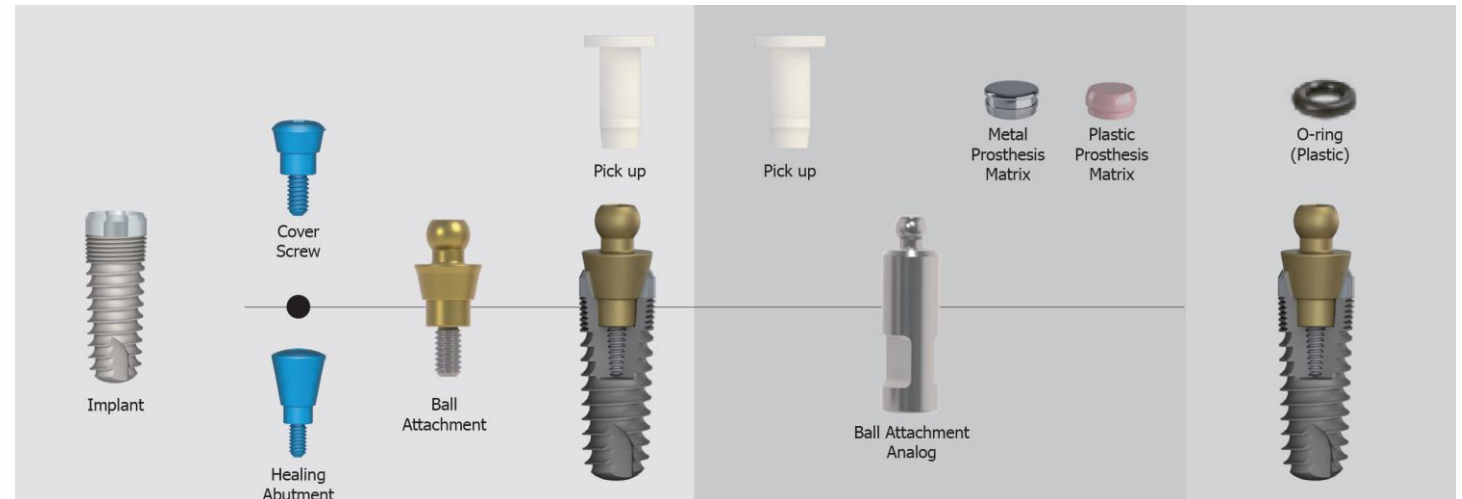
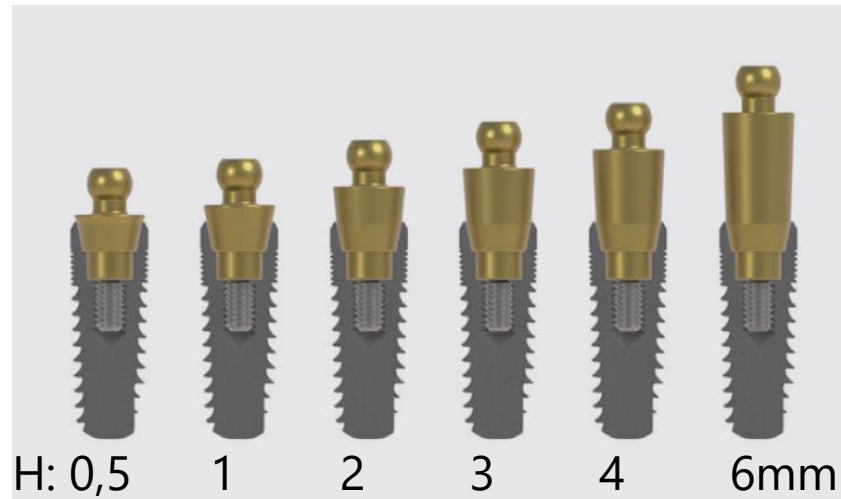
RESTORATION SOLUTIONS



OVERDENTURE

RESTORATION SOLUTIONS

BALL ABUTMENT



OVERDENTURE

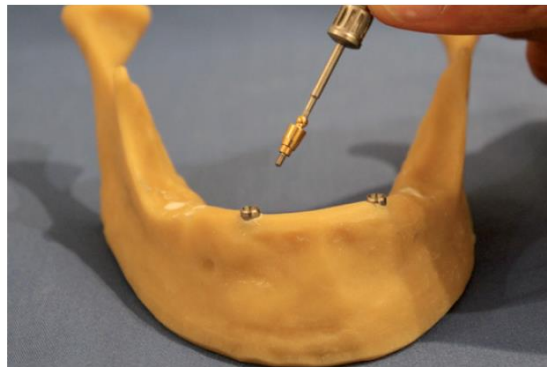
RESTORATION SOLUTIONS



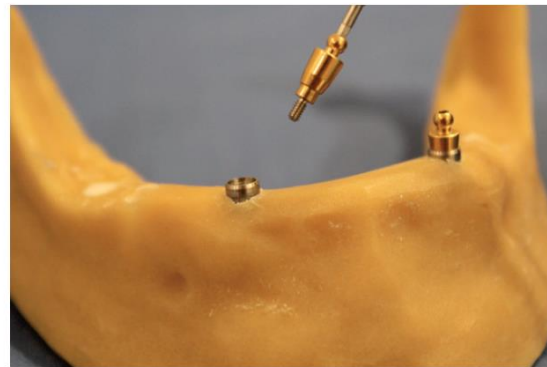
OVERDENTURE

RESTORATION SOLUTIONS

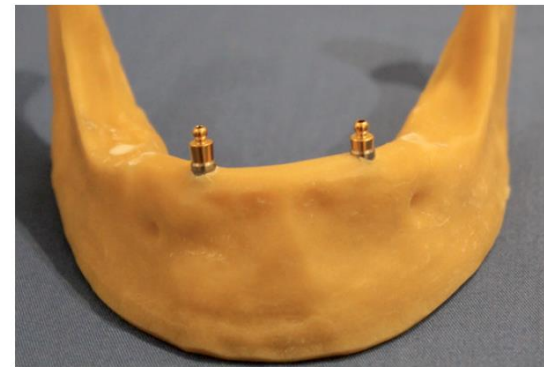
BALL ABUTMENT



1. Screwed by hex driver



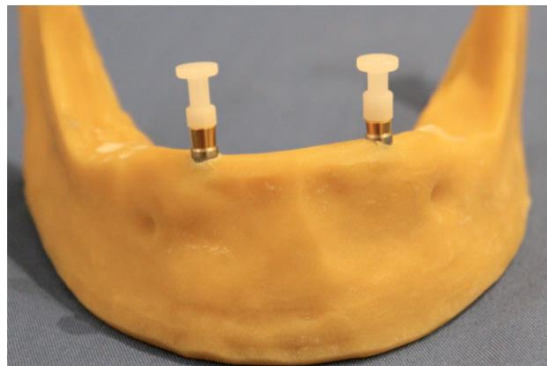
2. Screwed by hex driver



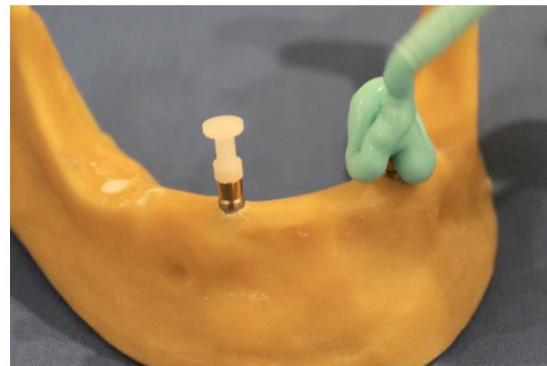
3. Connection of ball attachment



4. Tightening torque: 25 Ncm



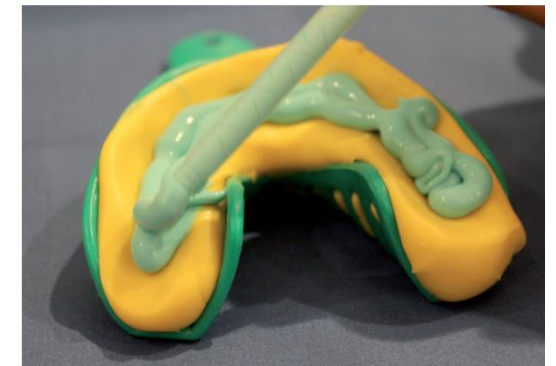
5. Adaption of pick up



6. Inject the impression material around pick up



7. Inject the impression material around pick up



8. Inject the impression material in tray

OVERDENTURE

RESTORATION SOLUTIONS



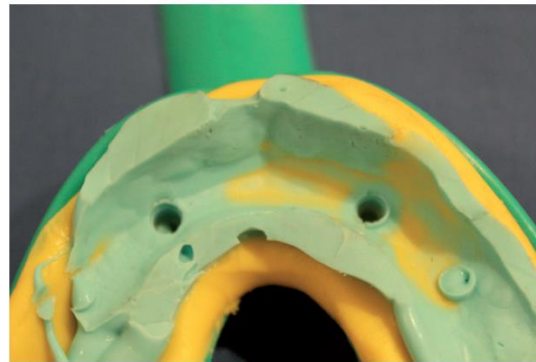
OVERDENTURE

RESTORATION SOLUTIONS

BALL ABUTMENT



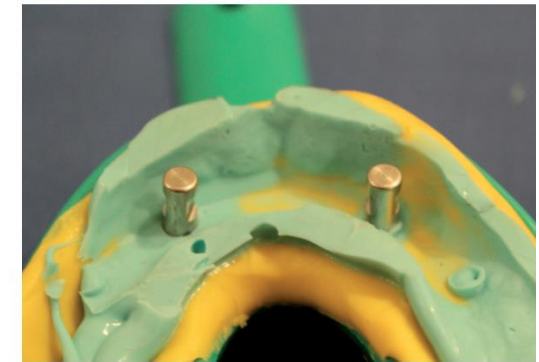
9. Impression with tray



10. Removal of tray



11. Adaption of ball lab analog into pick up



12. Adaption of ball lab analog into pick up



13. Pouring of stone for cast model into tray



14. Putting the oring on ball attachment



15. Putting the oring on ball attachment



16. Adaptation of plastic and metal matrix on ball attachment

OVERDENTURE

RESTORATION SOLUTIONS



OVERDENTURE

RESTORATION SOLUTIONS

BALL ABUTMENT



OVERDENTURE

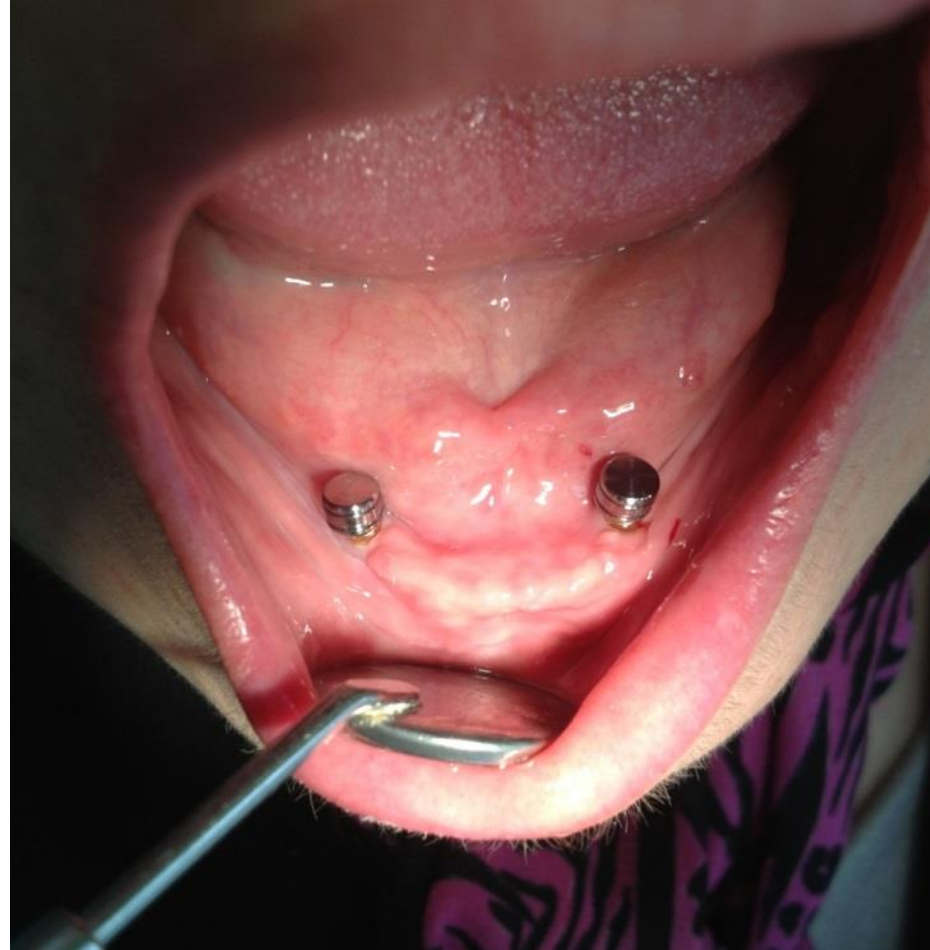
RESTORATION SOLUTIONS



OVERDENTURE

RESTORATION SOLUTIONS

BALL ABUTMENT



OVERDENTURE RESTORATION SOLUTIONS





OVERDENTURE RESTORATION SOLUTIONS

LOCATOR

Allows loading the implants up to ± 20 angle at the applications of removable overdenture restoration.

The world's Number one Manufacturer ([Zest Anchor](#)) plastic and metal caps (housing / matrix) compliance with high flexion capability and perfect elasticity.

LOCATOR ABUTMENT

Platform	Implant	Locator Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	H 0.5 / 1.0 / 2.0 / 3.0 / 4.0 / 6.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	H 0.5 / 1.0 / 2.0 / 3.0 / 4.0 / 6.0mm



OVERDENTURE RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

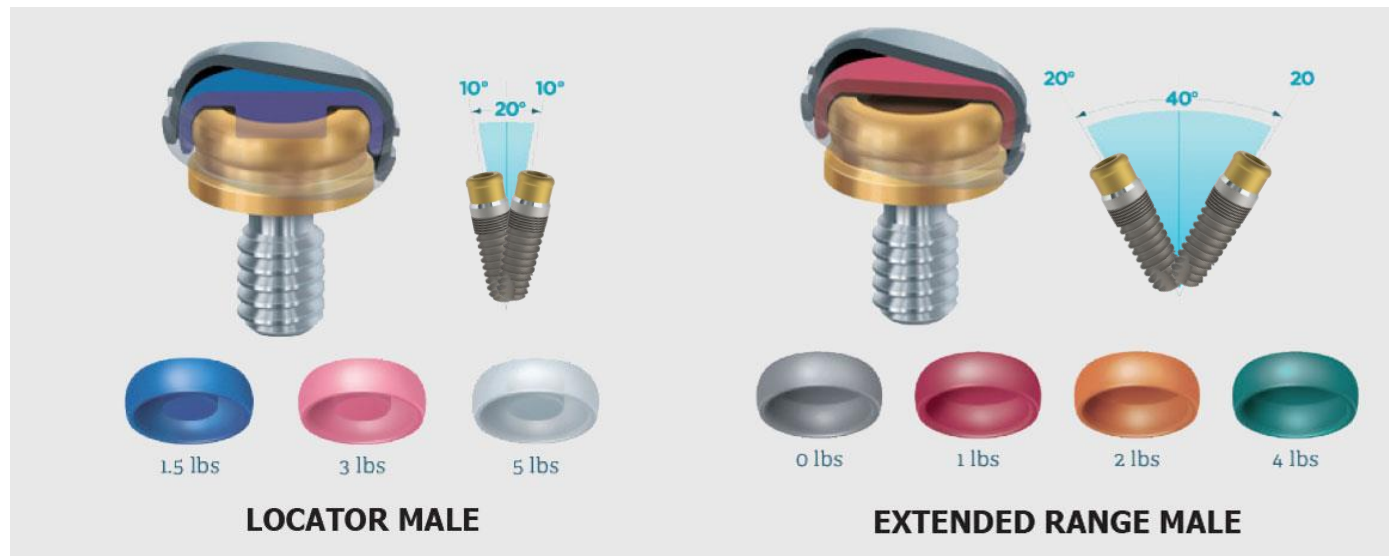
LOCATOR

Tolerated angle placement between the implants up to 40°.



Provides loading the implants up to the $\pm 20^\circ$ at the removable Overdenture Restoration.

Zest Anchor, best manufacturer in the world of overdenture retainers, high stretch capability and perfect elastic precision by plastic housing (matrix) compatibility.



LOCATOR

Localized Abutment Set



Localized Abutment
(Titanium GR5)



Localized Analog
(Stainless Steel)



Pick Up
(Plastic)



Metal Prosthesis
Matrix

Plastic Prosthesis
Matrixes



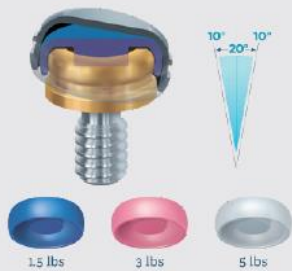
LOCATOR Substitute Male Packages (transparent, pink, blue) can be used to restore an implant that has a maximum divergence angle of 10 degrees (20 degrees between implants). The LOCATOR Male Processing Package allows you to select your own way of holding.

OVERDENTURE RESTORATION SOLUTIONS



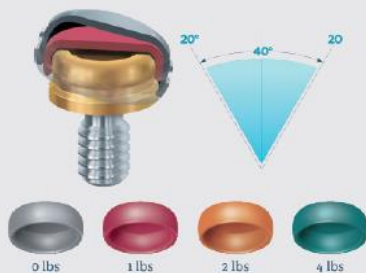
OVERDENTURE RESTORATION SOLUTIONS

LOCATOR



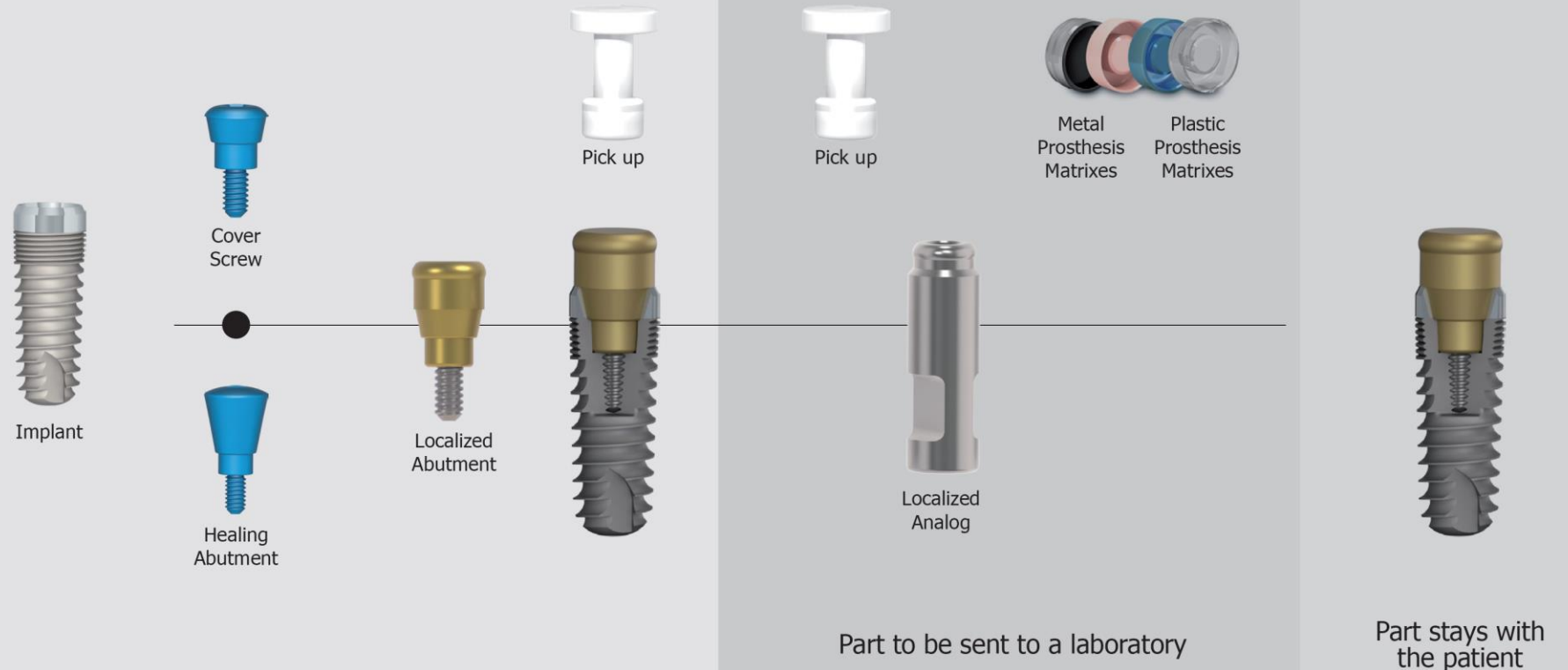
LOCATOR MALE

Allow for insertion of the overdenture with up to 20 degrees of divergence between implants and are available with 1.5, 3 or 5 lbs of retention forces.



EXTENDED RANGE MALE

Allow for insertion of the overdenture with up to an extensive 40 degrees of divergence between implants and are available with 0, 1, 2 or 4 lbs. of retention forces.

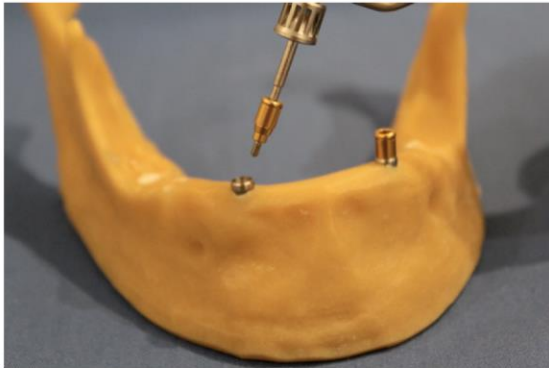


OVERDENTURE RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

LOCATOR



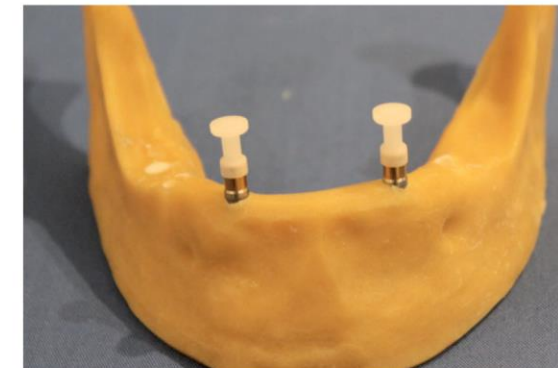
1. Screwed by hex driver



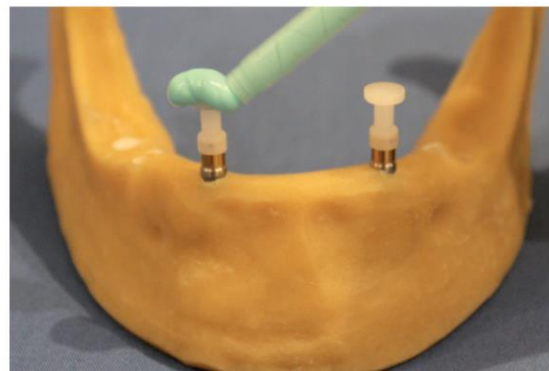
2. Connection of locator abutment



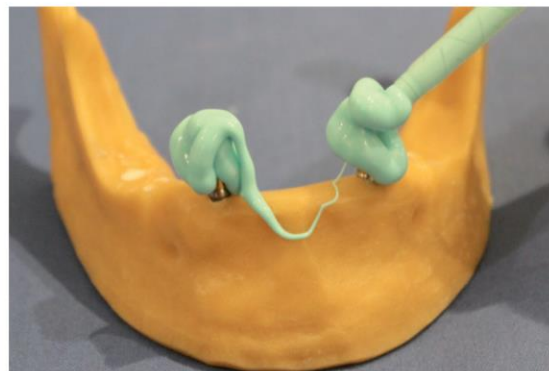
3. Tightening torque: 25 Ncm



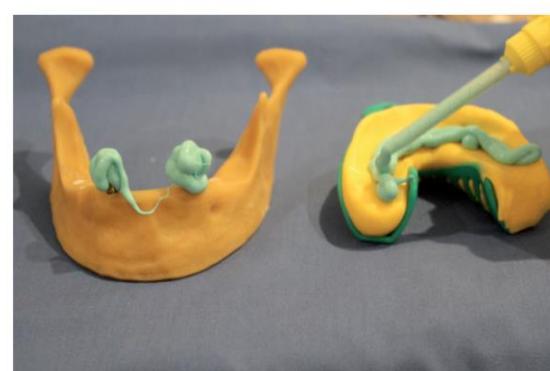
4. Adaption of pick up



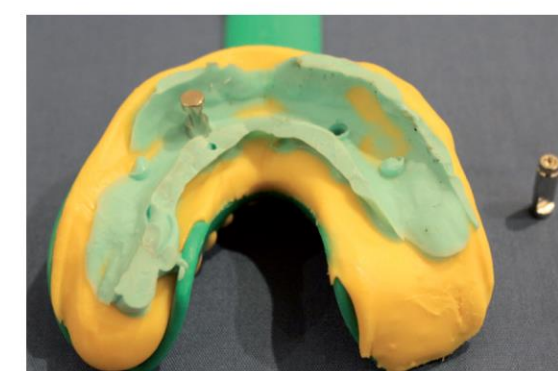
5. Inject the impression material around pick up



6. Inject the impression material around pick up



7. Inject the impression material in tray



8. Removal of tray and adaption locator lab analog into pick up

OVERDENTURE

RESTORATION SOLUTIONS



LOCATOR



OVERDENTURE

RESTORATION SOLUTIONS



LODI Male Processing Pack



Denture Cap Blue 1.5 lbs Pink 3 lbs Red 1 lbs



MODE IMPLANT
LOCATOR ABUTMENT
FULL PACK RP
REGULAR PLATFORM
IMPLANT Ø6.1 / Ø6.7 MM
madeimplant.com

OVERDENTURE

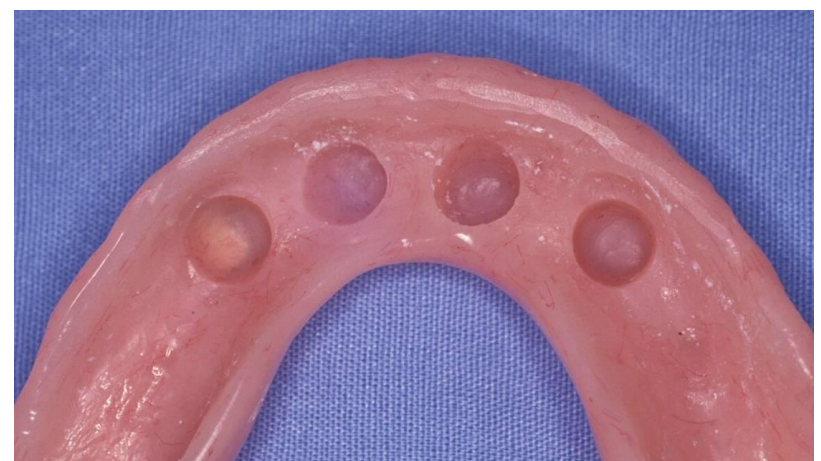
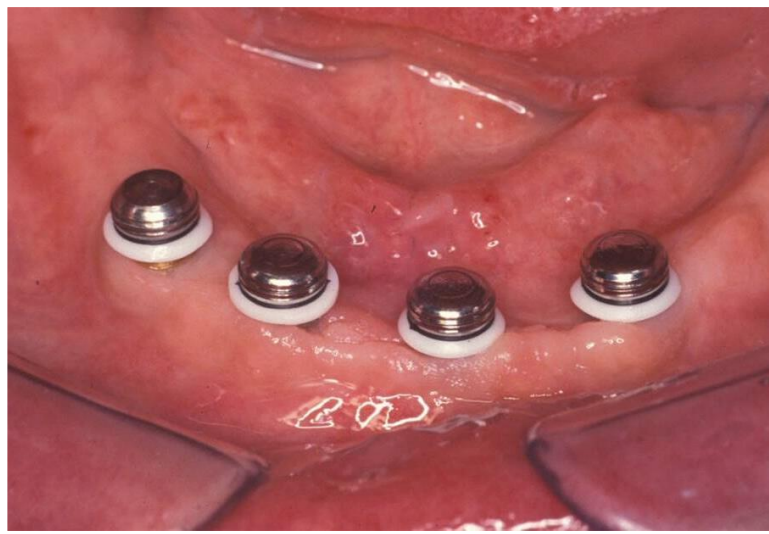
RESTORATION SOLUTIONS



LOCATOR

OVERDENTURE

RESTORATION SOLUTIONS



SCREW RETAINED

RESTORATION SOLUTIONS






OVERDENTURE

RESTORATION SOLUTIONS

OCTA ABUTMENT

One-piece monoblock Octa Straight Abutment models, allow an active fixed restoration solutions for the partial, toothless or edentulous cases.

OCTA ABUTMENT

Platform	Implant	Octa Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	H 0 / 1.0 / 2.0 / 3.0 / 4.0mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	H 0 / 1.0 / 2.0 / 3.0 / 4.0mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	H 0 / 1.0 / 2.0 / 3.0 / 4.0mm



SCREW RETAINED RESTORATION SOLUTIONS

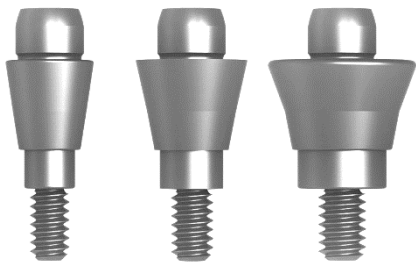


OVERDENTURE RESTORATION SOLUTIONS

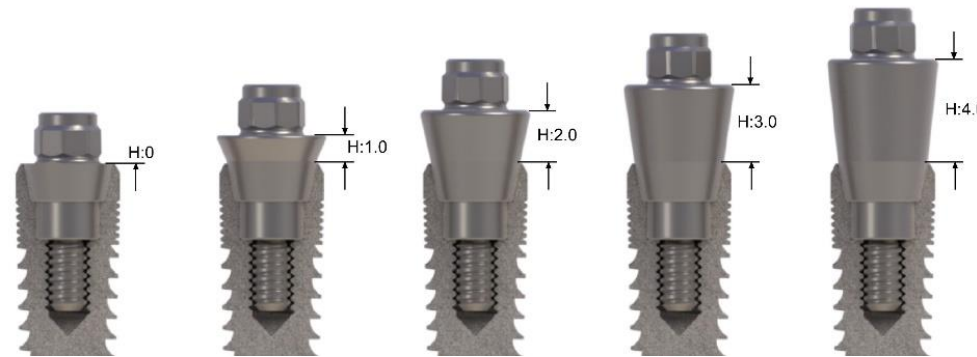
OCTA ABUTMENT



Single Restoration



Partial & Full Arch
Restorations



Enable maximum possibility for prosthesis processes for different gingiva heights and slope diameter options.

SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

Octa Screwed Prosthesis Abutment Set



Octa
Abutment
(Titanium GR5)



Octa Analog
(Stainless Steel)



Pick Up
(Plastic)



Laboratory
Coping
(Plastic)



Prosthesis Screw
(Titanium GR5)

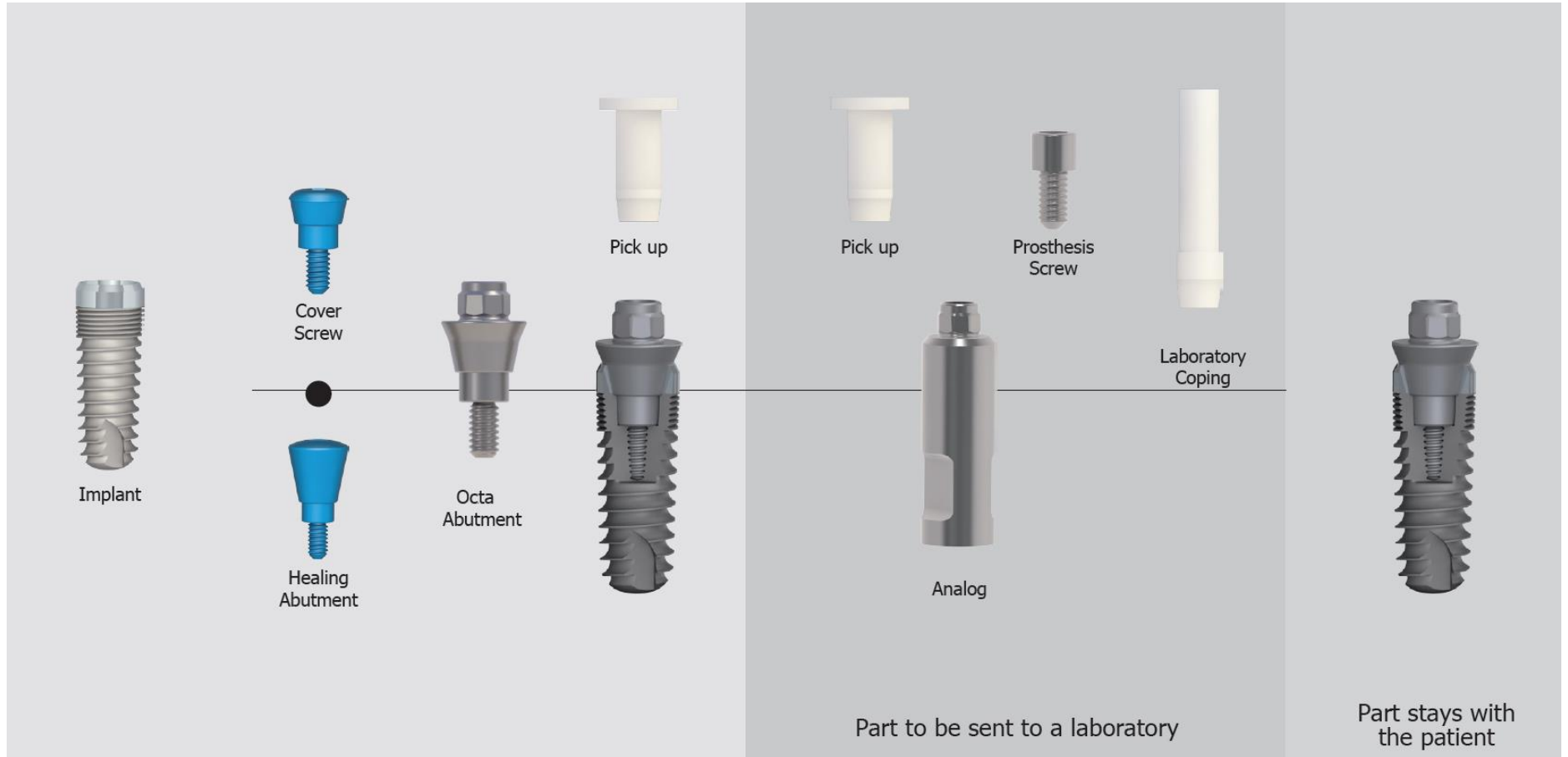


SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

OCTA ABUTMENT



SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

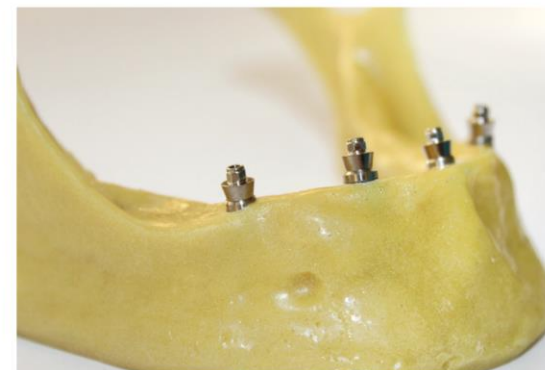
OCTA ABUTMENT



1. Taking with hex driver



2. Screwed by hex driver



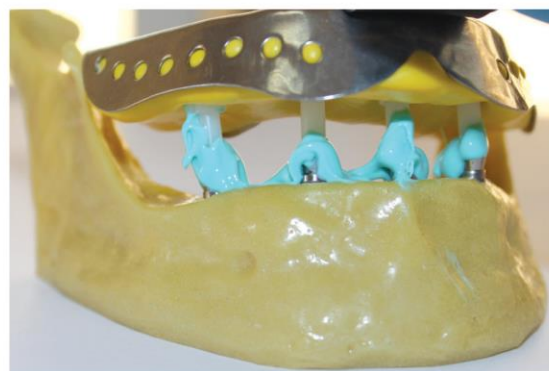
3. Connection of abutment



4. Adaption of pick up



5. Inject the impression material around pick up



6. Putting closed tray on pick up



7. Impression with closed tray



8. Adaption lab analog into pick up

SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

OCTA ABUTMENT

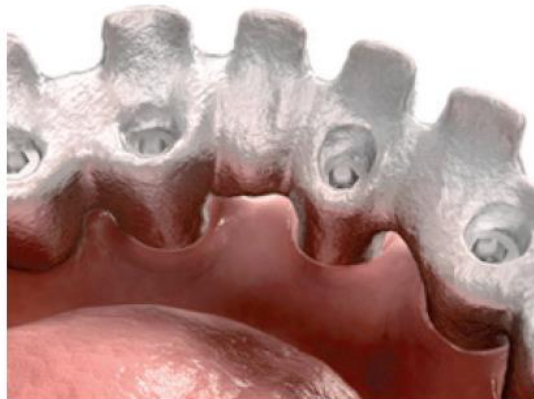
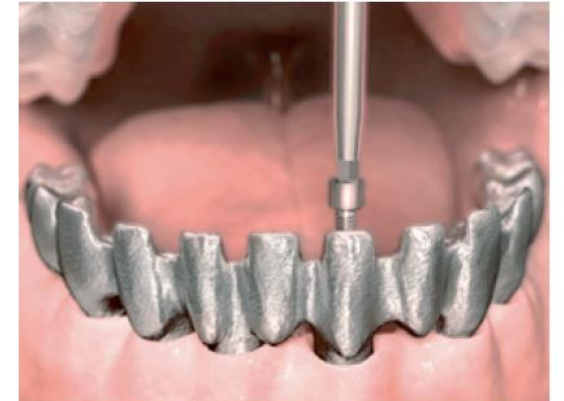
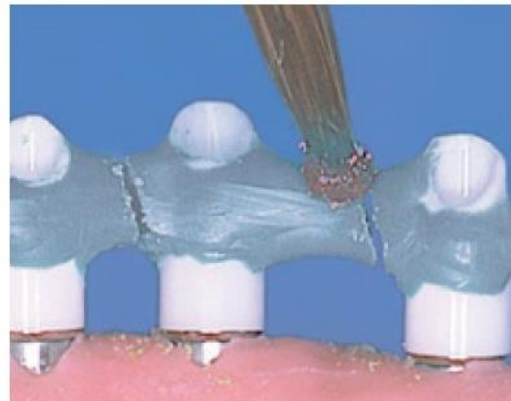
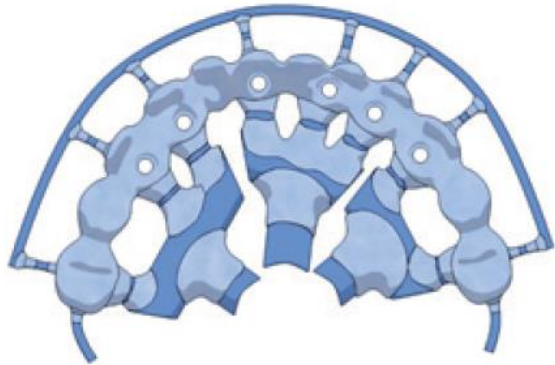


SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

OCTA ABUTMENT



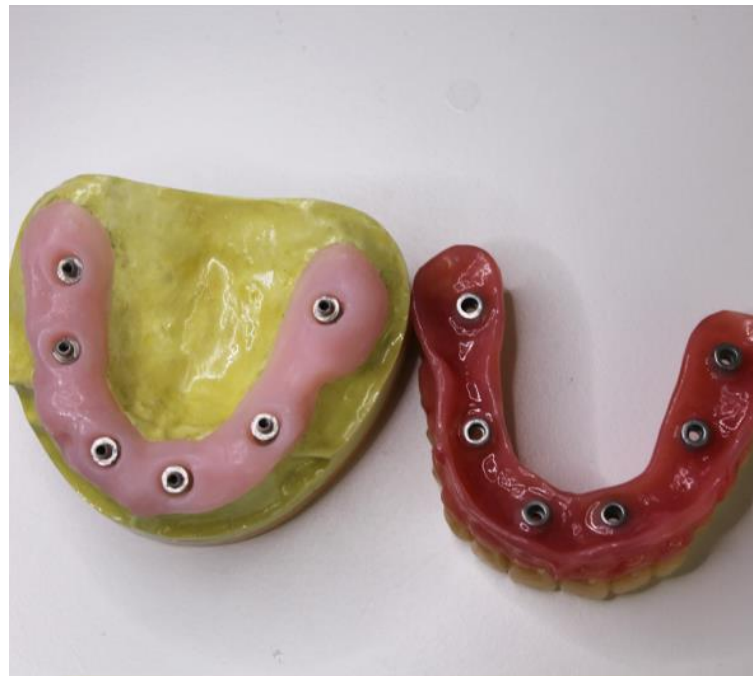
SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

The cemented risk factors which are created by overload, have been eliminated.



The advantage of screw-retained restorations that, the screw connection can be controlled.

Restoration and Abutment can be removed easily.

SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

The cemented risk factors which are created by overload, have been eliminated.



SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

OCTA ABUTMENT

Overdenture Restoration Bar-Retained



SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

CAD/CAM Custom Abutment Solutions



SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

Custom Zircona Abutment Solutions



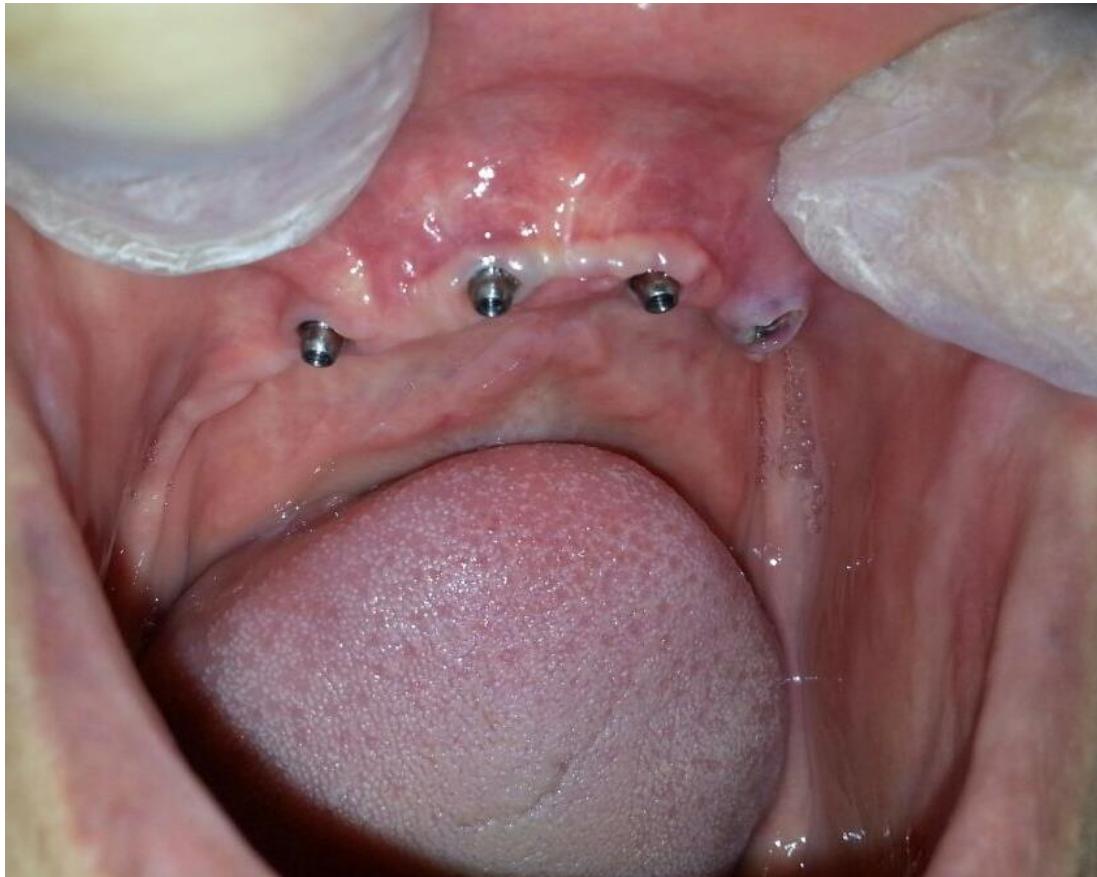
SCREW RETAINED RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

OCTA ABUTMENT

CAD/CAM Custom Abutment Zircona Solutions



MULTI - UNIT RESTORATION SOLUTIONS






OVERDENTURE RESTORATION SOLUTIONS

MULTI-BASE ABUTMENT

17° and 30° angles

Enables immediate loading at the total toothless cases with the option of screw retained denture, ball and locator connection provide a restoration up to 17-30 angle.

MULTI BASE ABUTMENT

Platform	Implant	Multi Base Abutment
 NP NARROW PLATFORM	Ø3.3-Ø3.7	17 ° H 2.5 / 3.5 mm 30 ° H 3.5 / 4.0 mm
 RP REGULAR PLATFORM	Ø4.1-Ø4.7	17 ° H 2.5 / 3.5 mm 30 ° H 3.5 / 4.0 mm
 WP WIDE PLATFORM	Ø5.3-Ø6.0	17 ° H 2.5 / 3.5 mm



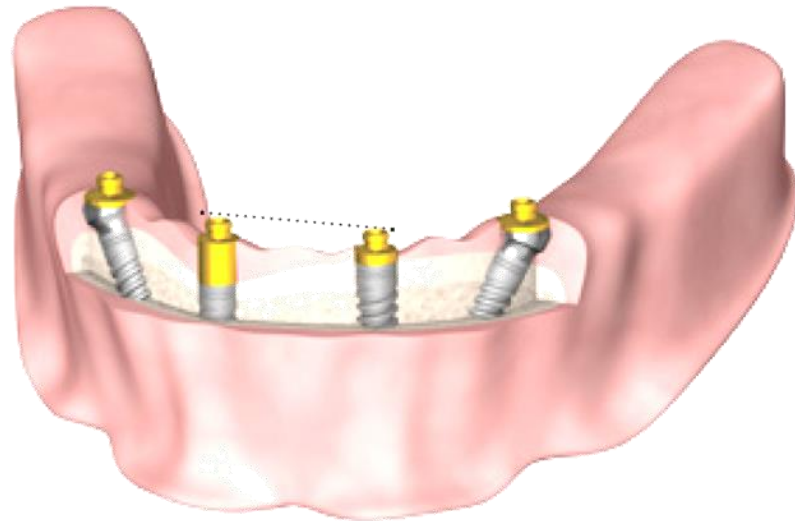
MULTI - UNIT RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

MULTI-BASE ABUTMENT

Designed to be used with parallel and non-parallel implants



Ball



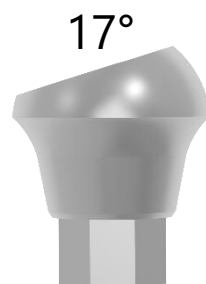
Locator



Screw/Bar retained



30°



17°

MultiBase 17° and 30° with cuff-heights of 1.5mm and 2.5mm

Narrow and high esthetic design for better esthetic results

Special design allows precise and easy handling while taking the impression

Improving the production accuracy process with BALL / LOCATOR & SCREW

Retained Restorations

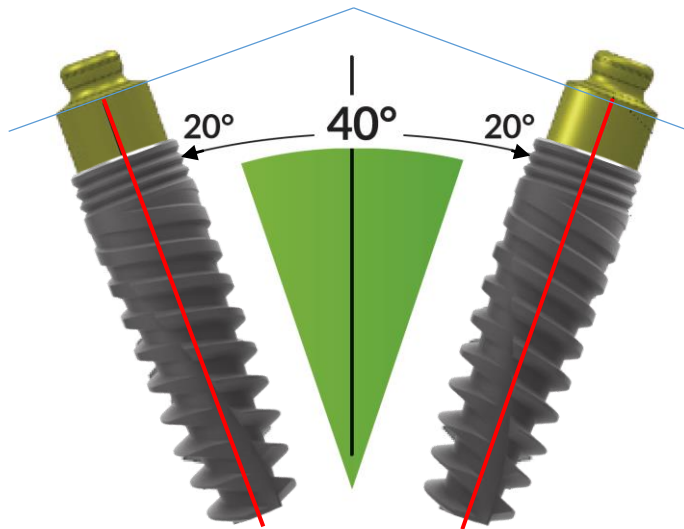
MULTI - UNIT RESTORATION SOLUTIONS



OVERDENTURE
RESTORATION SOLUTIONS

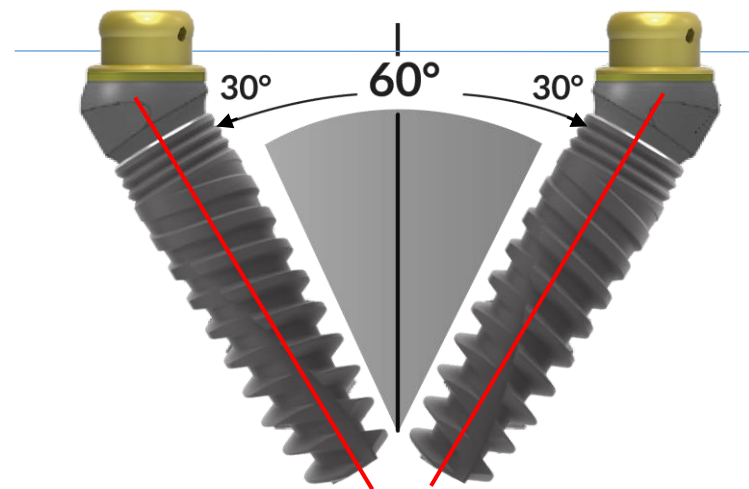
MULTI-BASE ABUTMENT

Designed to be used with parallel and non-parallel implants



By LOCATOR abutments restorations are needed to correct divergence of up to 40° between implants.

Same base for restoration



Multi Base is recommended above 30 degrees of divergence between implants, allowing maximal durability of the caps and minimizing the frequency of patient follow-up.

MULTI - UNIT RESTORATION SOLUTIONS



OVERDENTURE RESTORATION SOLUTIONS

MULTI-BASE ABUTMENT

Simple - consists of **two parts**: The base, which is available in a **range of angles** and heights, and the cover available in a range of designs according to the desired restoration option.

Flexible - flexible handle enables precise **base placement**, easily adapting to the shape of the mouth.

Strong - base and covers are screwed together in order to provide extra strength and stability assuring a **long-term solution**.

Universally- compatible with the **standard tools** and prosthetic parts enabling a reduced inventory and simplifying the restoration process.



Screw/Bar retained



Ball



Locator

JUST
by ONE
DRIVE

DESIGNED BY
MODE MEDICAL®

ALL MODE IMPLANT
PROSTHETIC PRODUCTS ARE

LOADED BY JUST ONE DRIVE

JUST
DRIVE
SCREW DRIVER



UNITED KINGDOM



"I have been using Mode Implant for many years and I have used over 600 implants and all of the cases have been finished successfully, I am very confident and recommend this product to all dentists around the world to use for their patients."

Dr. Reza FARIDRAD *Oral and Maxillofacial Surgeon*

HUNGARY



"We tested Mode Implant products at Hungary Semmelweis University. Products like the world of global brands to be versatile and practical gave us confidence. When we got successful result, we wanted to visit the manufacturer company. We saw and like a successful production facility and wide range of products. We use these products a lot at our practice."

Szabolcs GYULAI-GAÁL, DMD, PHD *Associate Professor - Oral Surgeon, Implantologist*

Preferred By More Than 30 Countries Confidently

MACEDONIA



"I have been doing implants over 13 years and using Mode Implant which is a Turkish dental implant system for many years. The quality of the products and company's attitude had drawn my attention at the congress. I have finished over 1000 cases successfully. The system is very practical. I am sure that you will not regret to use Mode Implant system."

Dr. Fisnik KASAPI *Oral Surgeon / Implantologist*

SWEDEN



"I started to use " Mode Implant and I think that this is a very smart and easy system to work with for dental implants and surgical treatments. This system gives you a wide variety of prosthetic and surgical possibilities that are accessible for us and comfort for the patient. I think that "Mode Implant " is a system that completes all in one and this is important for the complicated cases that you may encounter surgically with many prosthetic."

Dt. Från SYLVINA *Implantologist*

RUSSIA



"There are many implant system in Moscow and I know most of the systems. When I visited Mode Implant website, the products took my attention. After I visited the company and using the products, I saw that you can find necessary products for your surgery all in one package. I especially recommend this system to new dentists as the system is easy, very practical and nice."

Dr. Omarov Artur MAGOMEDOVIC

UKRANIA



"I met Mode Implant in 2012. During my visit at the manufacturer company Mode Medikal, I saw how they had a command on the issue. Firstly, I used the two implants for myself. After starting to use the prosthetic I have trusted hardly in the product quality. Now we are using Mode Implant products. We are very pleased with them."

Dr. Seyyar SEYDAMETOV *Dentist, Prosthodontic Specialist*

YEMEN



"I visited the production base of Mode Medikal and I shocked when I saw the production, packaging, advanced technology and sensitivity during the production. Moreover the most important thing is that I can say Mode Implant is among the global dental implant brands."

Dr. Moulham Al Hasimi

INDIA



"We get a successful result at primary stability and osseointegration of Mode Implant applications. We can start superstructure in 8 weeks even upper jaw. The implant morphology is perfectly integrated with the root-type structure and it gives you confidence in all types of prosthetic applications on the superstructure."

Dr. Shilpa Kulkarni & Dr. Milind Kulkarni

MALDIVES



"Mode Implant Tissue Models the polished tissue region which ending without angled provides excellent gingival margin in the posterior region. This screw is ideal for closed sinus lift cases. Due to the straight structure of the implant after the lift procedure I can apply which deep I want to and I can observe the relationship between bone level. Also due to the countersink structure there is no fear to harm sinus stress."

Dr. Ahmed Saleem

UZBEKI STAN



"I found a new and very quality brand of implants when I met and used Mode Implant. I trust the implants and the surface treatment of this brand. It can satisfy dentists and their patients. When I see my patients after they have got their Mode Implant implants inserted and after they smile I feel really rewarded. I confidently recommend Mode Implant to any dentist who wants to see the same smile on their patients' faces as my patients have."

Dr. Nodirbek KARIMQULOV *Oral and Maxillofacial Surgeon*

PAKISTAN



I am in charge of Pakistan International Airline Corporation Department in Rawalpindi. I have used different implant brands and also Mode Medikal Dental Implant and I found Mode Medikal Dental Implant system is very beneficial because the implant package of this system has extra Healing Abutment which helps you to decide what healing process you prefer. This implant system is really easy, because you can fastly install your implant with using a few drills and also the system has great osseointegration because of Biphasic Calcium Phosphate coating on the implant surface.

Dr. Abid Khan

INTERNATIONAL CERTIFICATES





Lifetime Warranty

PERSONAL WARRANTY CARD

Mode Medikal Dental Implant Systems are covered under warranty by

ImplantCARD

By our warranty card, we ensure the quality of our product to prove the assurance for your patients. After the treatment, thanks to the warranty card, customer relationship is raised to the highest level.

Why?



Wide Range Products For Every Use

- Different 5 Type Implant Design & 105 Model represents highest level of dental implantology and new trend products which are compatible with all bone types for every treatment concept.

Maximum Esthetic Solution

- More than 10 kind of abutment system & over 150 model restoration solutions.

Full Pack Comforts

- Include all in one package Implant, Abutment & Surgical Kits standards comfort for maximum functionality.
- Easy and comfortable usage for all dentists/technicians (load all the superstructure with JUST one drive , it is more efficient and easier for your operation)

Best Brands in the World

Carpenter Titanium, Zest Anchors, Rhein83, TiN technology, BCP Surface....

Economic Price & Best Service Distributors



implantist



ÜYELER

1.524 Üye (29 yeni)

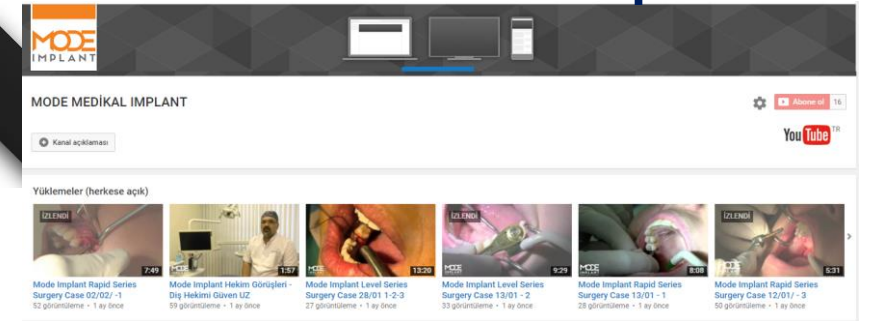


Case Studies



You Tube

Mode Implant



<https://www.youtube.com/channel/UCtZEpaEUTj28wQFxyCRH2TA>

Case video



Global Manufacturer of Implant Dentistry

Thank You