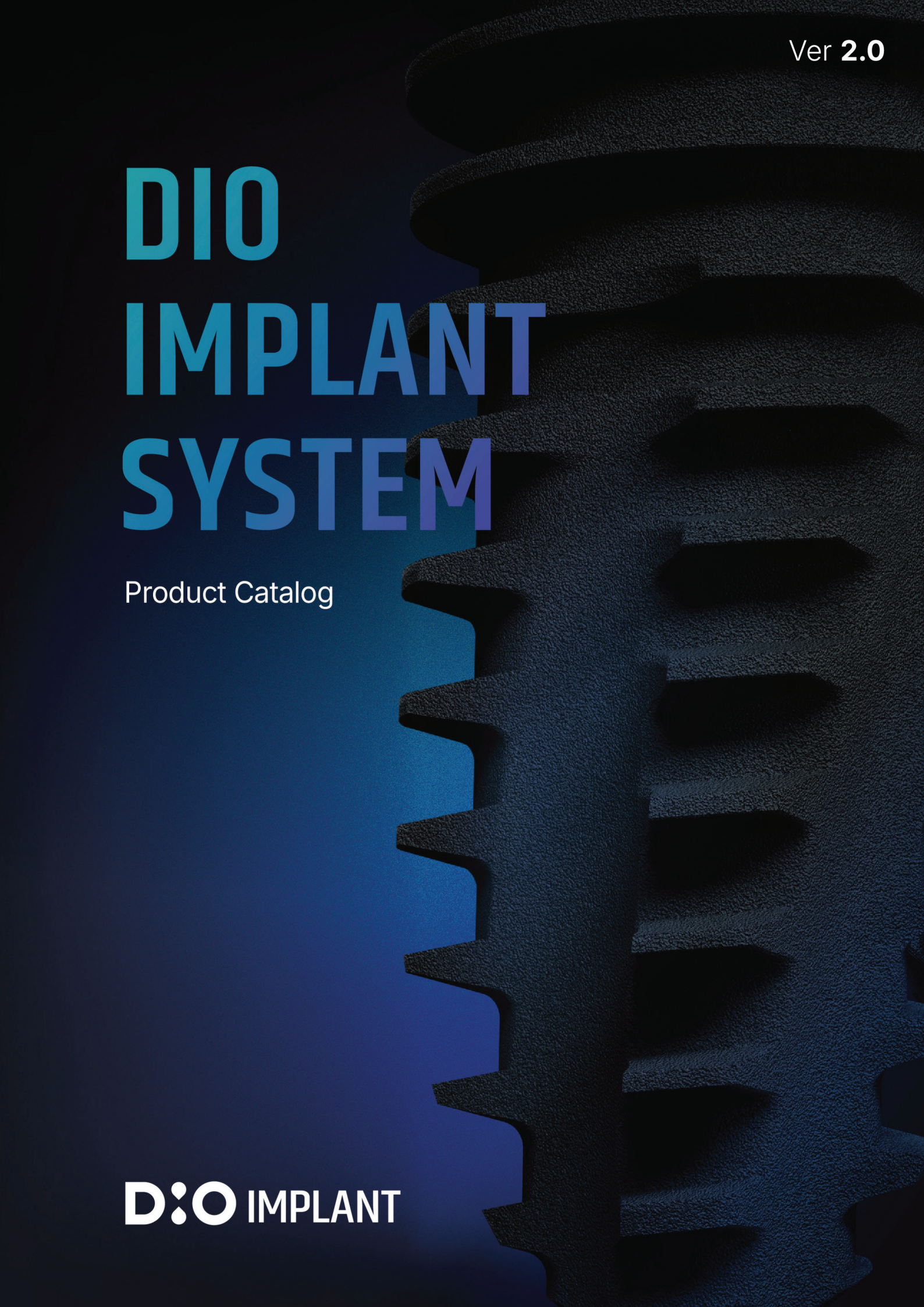
Ver **2.0**

# DIO IMPLANT SYSTEM

Product Catalog



D:O IMPLANT


D:O IMPLANT

# Human Happiness, Healthy Living, Ultimate Value of DIO

With corporate social responsibility, the core of who we are and what we do, DIO's ultimate goal is to pursue and envision a world where everybody enjoys happiness and healthy living.

## Mission

### The oral care solution creator

Providing convenient and innovative
oral health solutions for a happy smile!!

## Vision

### 2030 global top 5 implant company

300 KRW billion in 2027
500 KRW billion in 2030




## Slogan

### “A Complete transformation”
### “Turning over a new leaf”

A true year of departure for
All New DIO, whose management
goals have been achieved!!

New Face | New Eyes | New DIO

## The center of high technology, a company that makes a better world

'DIO technology puts humanity first Our sustainable innovation will make everyone's life happier.

DIO, leading with
innovative technology.

### Innovation
DIO will upgrade core technologies and secure the cornerstone of new growth drivers based on continuous investment in R&D.

DIO, at the frontier
of digital dentistry

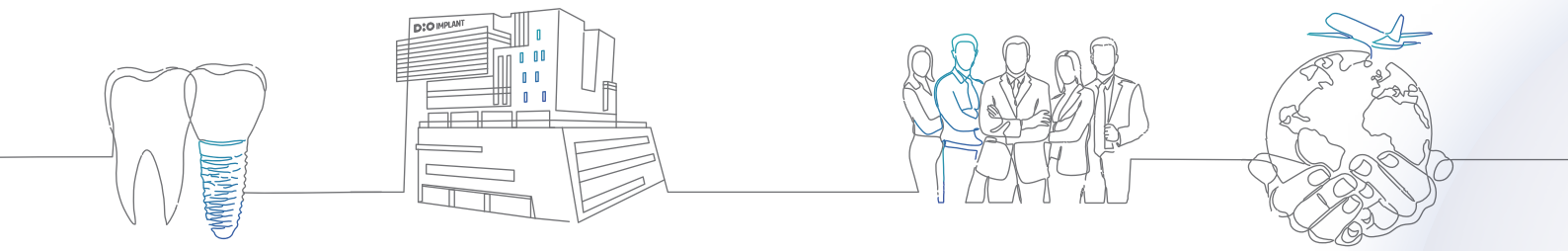
### Leader
We focus on continuous R&D, to be the most advanced dental company in the world with the best technology in the world.

DIO, building trust
with customers.

### Trust
We take commitment to customers seriously to nurture trust from our customers. We try to build an ecosystem in which we can evolve through cooperation with our customers.

DIO, moving on
to a better tomorrow.

### First Mover
We will be the first to adopt innovative technologies that can take us to the next level.




## Milestones

### 1988-2005

**Establishment:**

- Awarded The Export Master's
- Commendation Obtained 'ISO 9001 Certification:
- EM' Certification for The Superior Quality of Technology
- Launched Dental Implant Business

### 2006-2010

**Expansion:**

- Awarded the Export Master's Commendation
- Established DIO Australia
- Established Beijing D.S.I Science & Trade Co. Ltd
- Launched Narrow Implant System
- Launched UV Active Surface Treatment

### 2011-2017

**Digitization:**

- Launched UV Active Surface Treatment
- Launched UF Implant System
- Launched DIO Digital Academy
- Established Overseas Subsidiaries in India
- Launched UV Activator
- Launched '3D Printer DIO PROBO Z'
- Launched DIOnavi. Full Arch, Digital Implant System

### 2018-2025

**Achievement:**

- Launched NYU DIO Digital Academy
- Launched DIOnavi, Full Arch, Digital Implant System for edentulous patients
- Launched UV Activator2 Won 2020 if Design Award, One of Top 3 World Design Competitions
- Surpassed 10 million DIO NAVI implant placements
- Awarded Export Tower for 50 million USD in exports
- Opened DIO-Mall online shopping mall

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45 DIO Implant Academy (DIA)

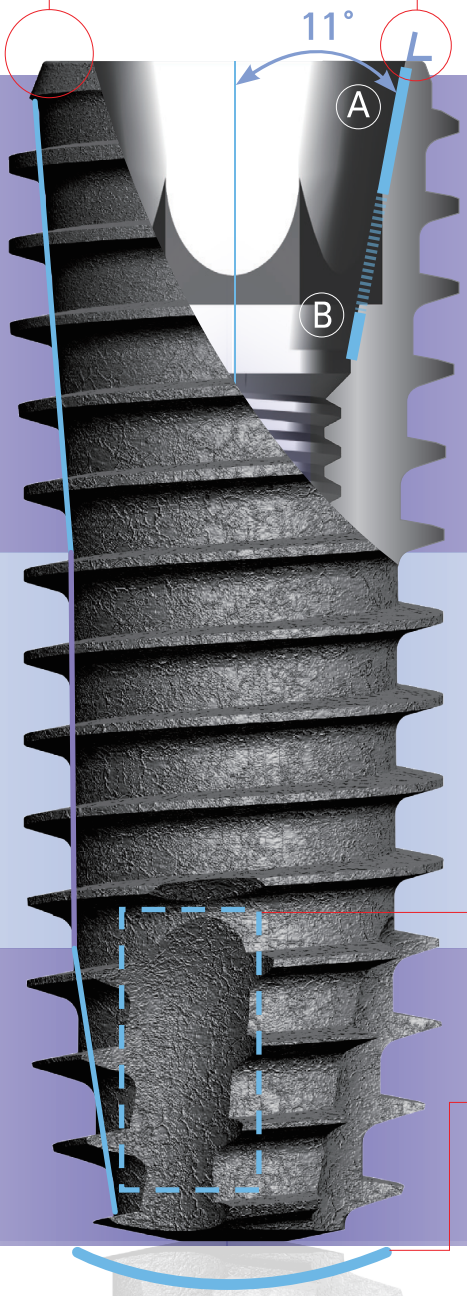
**DIO Presence**

46 Global Presence
47 India Presence

# DIO Implant
## Overview

### Open Thread
Minimizes the resistance of fixtures and insertion depth is adjustable without additional drilling.

### Platform Switching
Minimizes the bone loss by switching structure of platform and increases the long-term stability.




### Upper Thread
Taper Thread, Initial Fixation

Taper thread is applied to the straight body allowing effective stress-distribution on the implant top. Screw thread is smaller on the top area of screw, enabling sufficient flow of blood in the cortical bone area and promoting faster new bone formation by reducing empty holes.

### Ⓐ + Ⓑ
Dual Morse Tapered Contact Connection(11° Morse)

The interface between the fixture and abutment increases in hermeticity. Bone loss can be minimized by evenly distributing the load put onto the fixture.

### Straight Body
Decrement of Bone Damage

The implant length changes according to the body length. Long implants can be placed with high stability removing any sudden changes, just like the straight type.

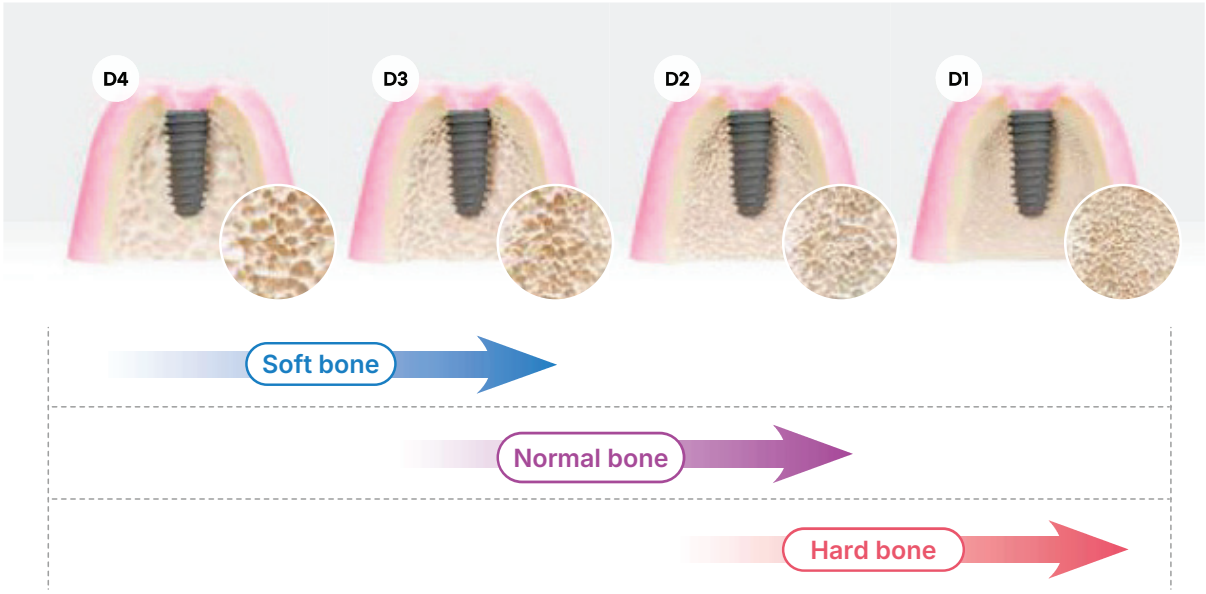
### Cutting Edge
The sharp edge can maximize the efficiency of self-tapping.

### Apical Design
15˚ Taper Guide Gradually

15" taper makes the initial placement easier even for small drilling in weak bone.

### Apex
The round shape minimizes tissue damage caused by implants for sinus surgeries.

# DIO Implant
# can be placed into all bones




For successful implantation, healthy gums are more important than your age.

The decrease in gum bones due to aging is natural.

**Using artificial bone grafting,** implant surgery is possible even if the gums are insufficient or weak.

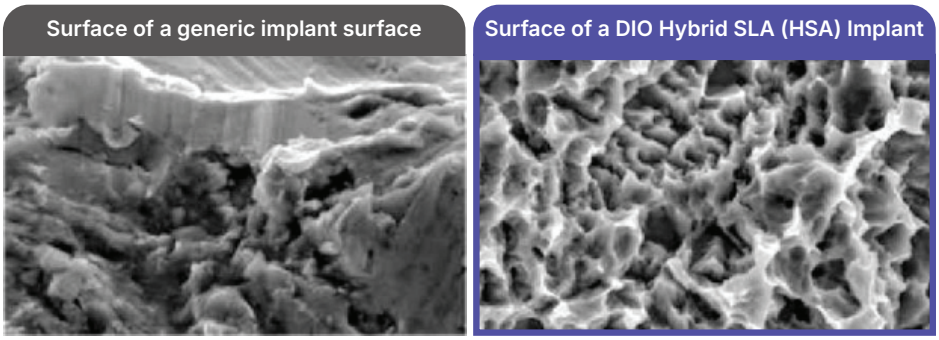
If you suffer from systemic diseases such as high blood pressure, diabetes, osteoporosis, or are on medication, sufficient **consultation is required before surgery.**

DIO Implant has the World's best
Implant design and surface treatment technology.

# **Unique** hybrid surface treatment

The DIO UFII implant makes bone integration faster and easier, speeding up the entire treatment period so you can go back to your daily life

### Difference in implant surface treatment technology

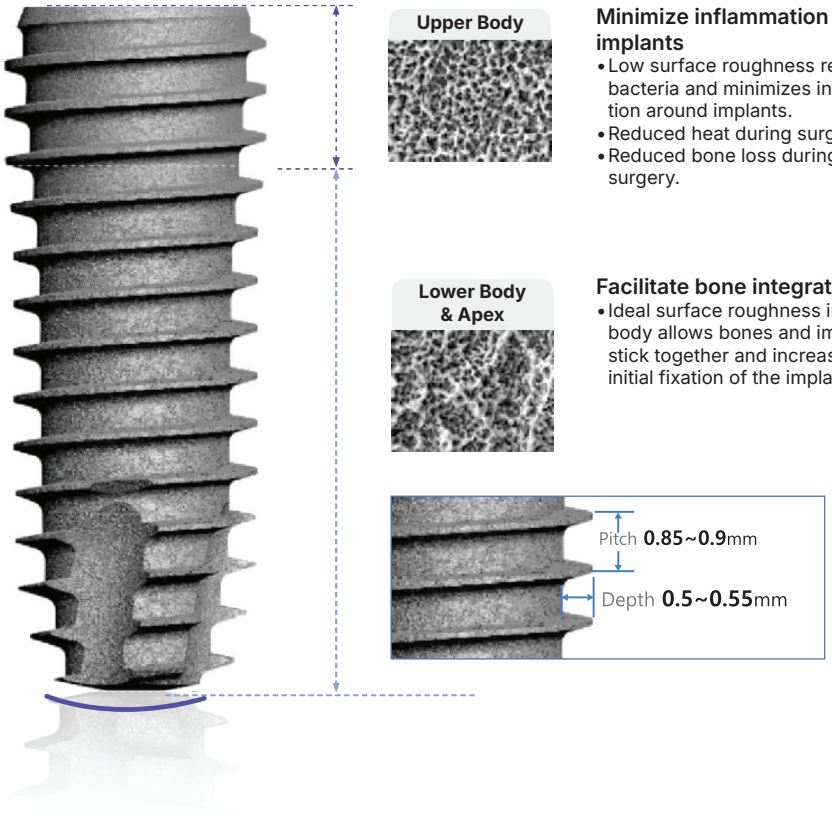



I. Excellent initial fixation,
II. Minimize bone absorption around the implant.
III. Improve affinity with surrounding soft tissue.
V. Minimal inflammatory response to surrounding bones.

### DIO implants are manufactured in a hybrid SLA (HSA) method that implements a rough surface

The surface treatment technology of DIO implants increases the contact area between bones and implants, integrating bones and implants securely.

## **Hybrid surface treatment leads** to a stronger integration of bones and implants.



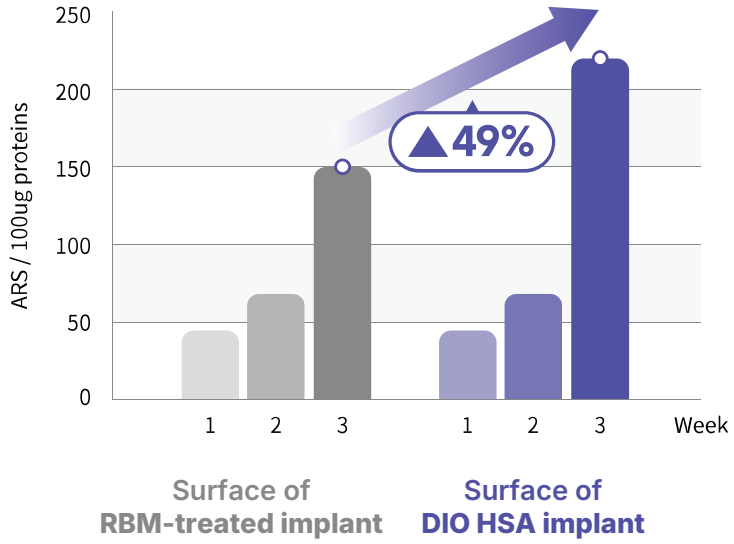

**Minimize inflammation around implants**

- Low surface roughness repels bacteria and minimizes inflammation around implants.
- Reduced heat during surgery.
- Reduced bone loss during maxillary surgery.

**Facilitate bone integration**

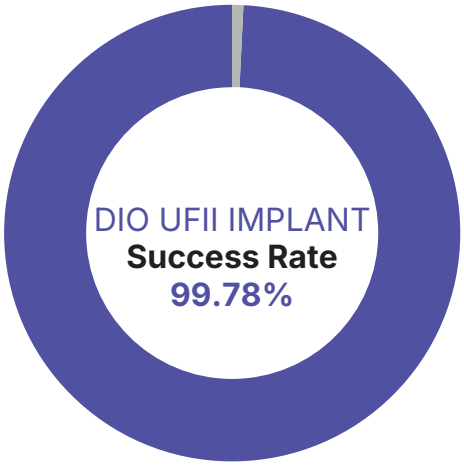
- Ideal surface roughness in the body allows bones and implants to stick together and increases the initial fixation of the implant.

# Surface Technology at DIO Implant
## Hybrid SLA (HSA)




**Bone formation speed increased up to 49%**

Three weeks after implantation, DIO's surface treatment (HSA) shows that **bone formation rate is 49% activated compared** to general implant surface treatment (RBM)







Out of 2,644 implants,
**2,638 were successful and 6 failed**

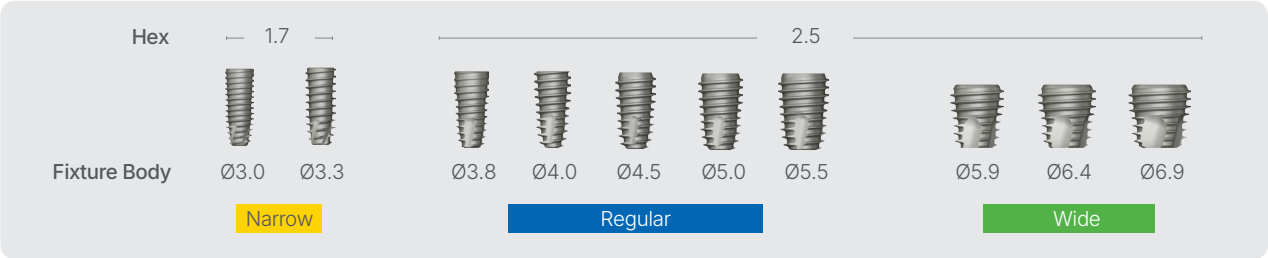
**Source** | 'S' dental clinic (South Korea Clinic)
**Implant Brand** | DIO UFII Implant

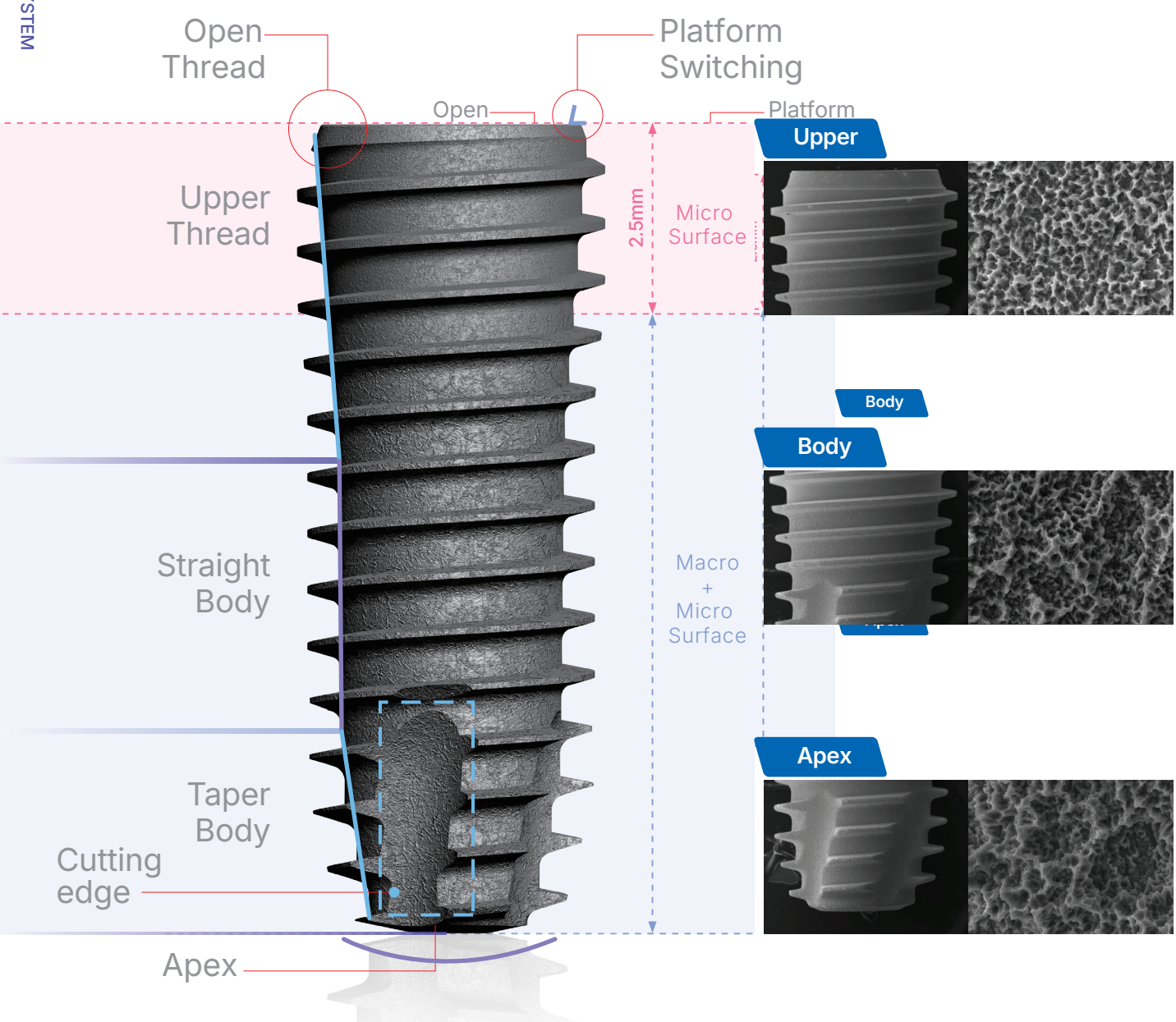
Successful integration of gums and implants achieves **99.78% success rate** of implant surgery.

# UFII Int. Submerged System

Hybrid Type SLA Implant

## UFII Implant




※ This product is a 'medical device' and read and use 'cautions for use' and 'how to use it'.
Review number 2019ET1120105

# UFIII Int. Submerged System

Stable Initial Fixation for Soft Bone

Video:
Introduction to UFIII



## 01 Design specialized for soft bone

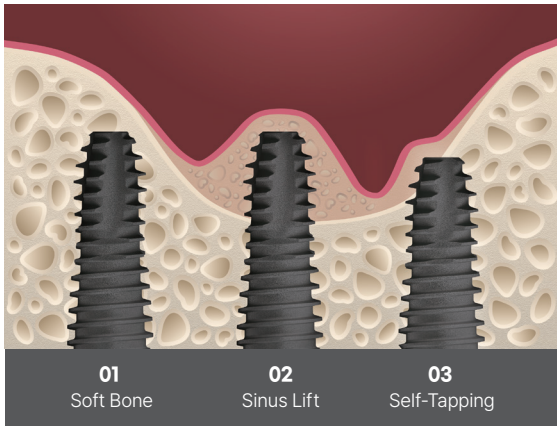
- The Tapered Body Design, which combines the optimal slope and thread pitch, achieves excellent initial fixation force.
- The cutting edge is long and sharp, enhancing self-tapping function and providing optimal implantation sensation.

## 02 Shortened drill protocol

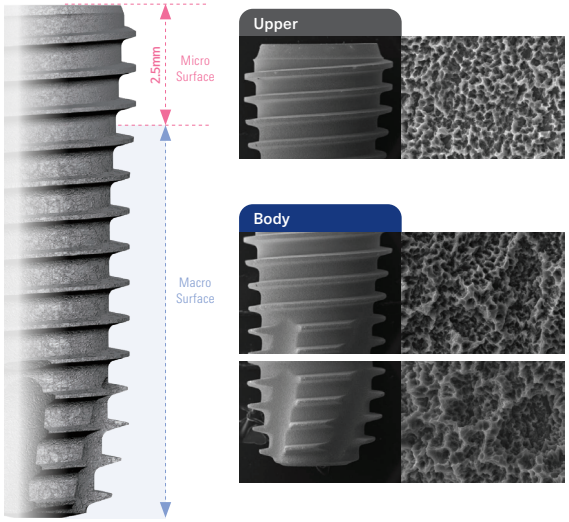
- The protocol is reduced to 1-4 steps depending on the diameter during surgery on soft bone.
- Self-tapping can be easily achieved even with under drilling.

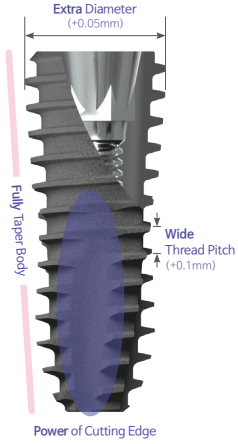
## 03 All indications can be resolved

- UFIII Implants can be used together with UFII to effectively address all indications.



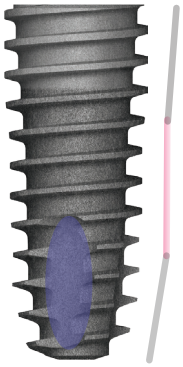

## Hybrid SLA (HSA) Surface Treatment Method




**UFIII Implant**

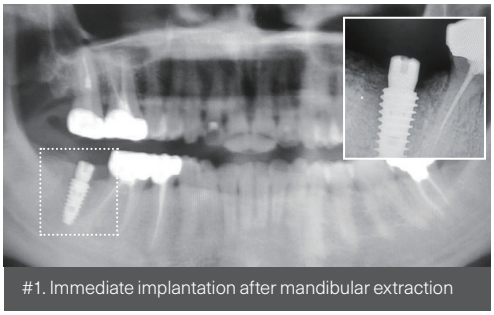
a tapered implant for stable initial fixation in weak bone



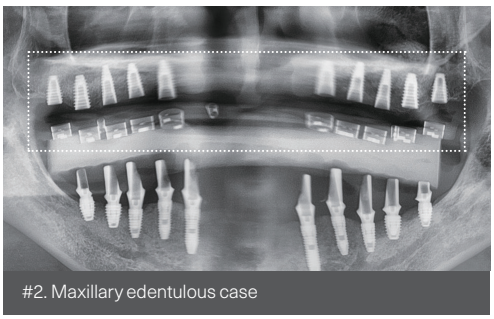
**UFII Implant**

a simple and powerful all-weather implant

## Clinical Case



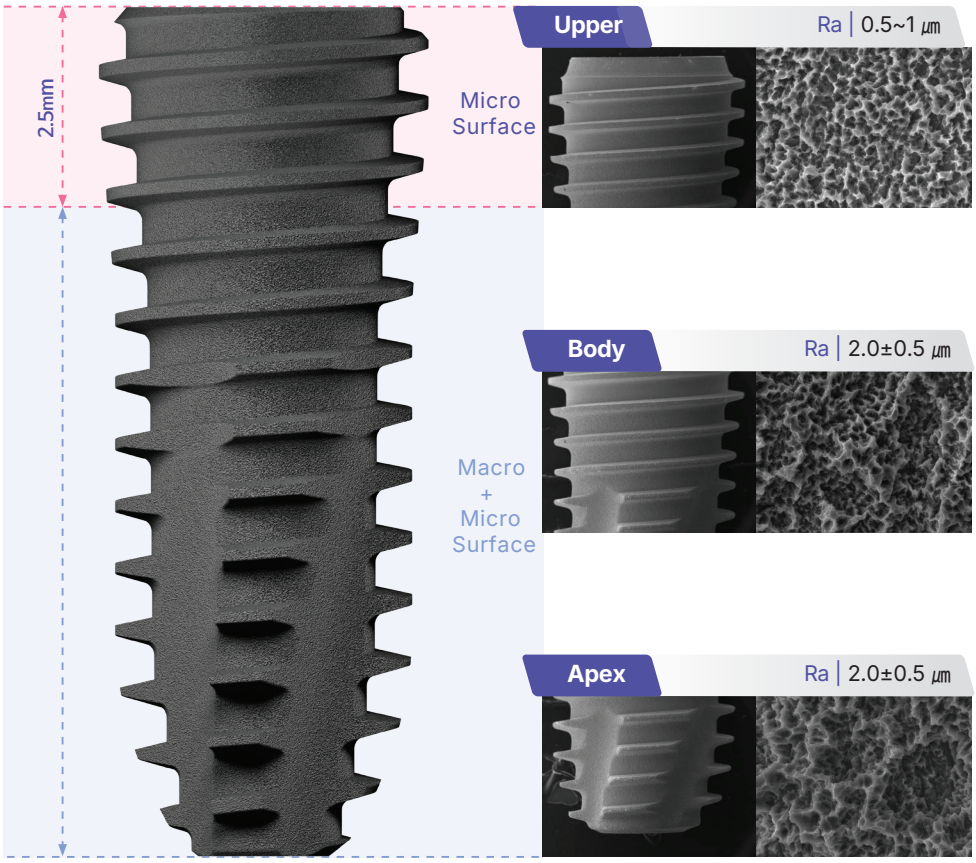
#1. Immediate implantation after mandibular extraction



#2. Maxillary edentulous case

# UFIII Implant Surface is HSA

*Hybrid Type SLA Implant*




## UFII VS UFIII

### UFII Implant

**Shape**
Taper Combined Shape
**Features**
Easy insertion depth control
**Powerful Insertion**
Stable torque at every bone quality

### UFIII Implant

**Shape**
Fully tapered shape
**Features**
Optimized for soft, good initial stability in poor bone
**Simple Drilling**
Shorten drilling protocol by under drilling

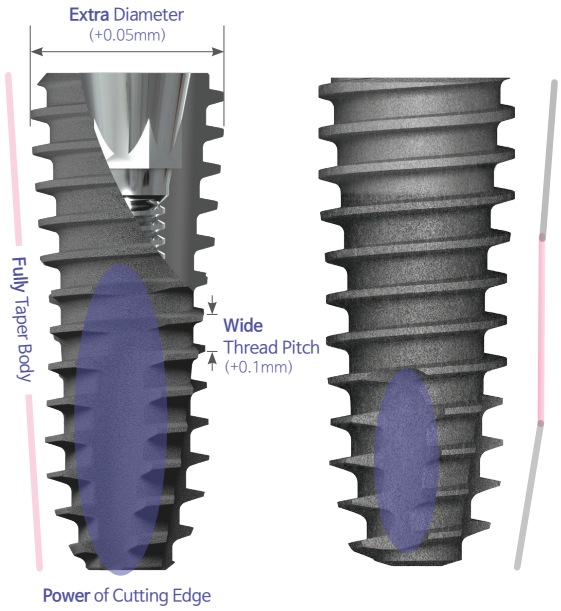
## Fixture Design Comparison

### Extra Diameter
Obtains stable fixation even in maxillary sinus cases

### Fully Taper Body
The entire taper type avoids interference with adjacent teeth and enables stable implantation.

### Wide Thread Pitch
Increases initial fixation strength in soft bone with large threads

### Power of Cutting Edge
Self-tapping is easily achieved even in under drilling due to the long and sharp edge shape.

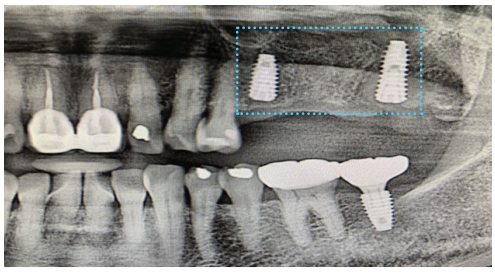



| Selection guide | | UF III | UF II |
|---|---|---|---|
| Bone | D1 | △ | ○ |
| | D2 | ○ | ○ |
| | D3 | ○ | △ |
| | D4 | ○ | △ |
| Treatment location | Maxillary anterior teeth | ○ | ○ |
| | Maxillary posterior teeth | ○ | △ |
| | Mandibular anterior teeth | X | ○ |
| | Mandibular posterior teeth | △ | ○ |
| Immediate implantation after extraction | | ○ | △ |

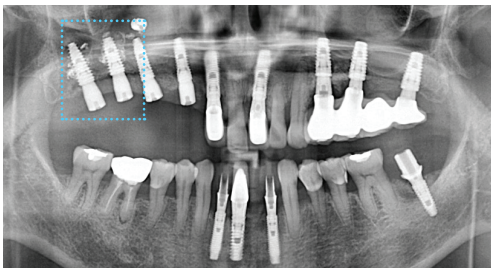
○ Recommendation △ Both X Not-Recommendation

## UFIII Clinical Cases

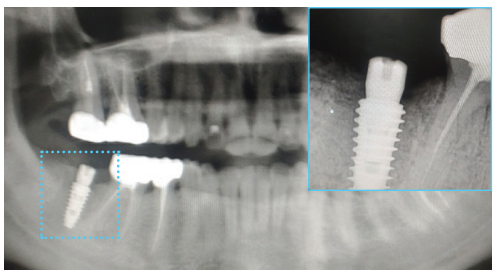
01 Maxillary Soft Bone Case



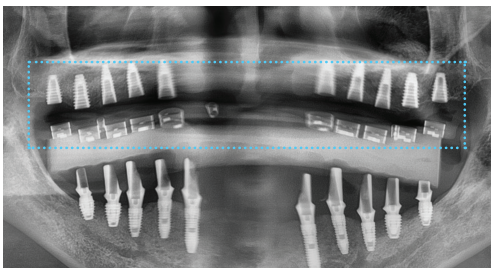
02 Maxillary Soft Bone Case



03 Mandibular extraction and immediate implant case



04 Edentulous maxilla Case



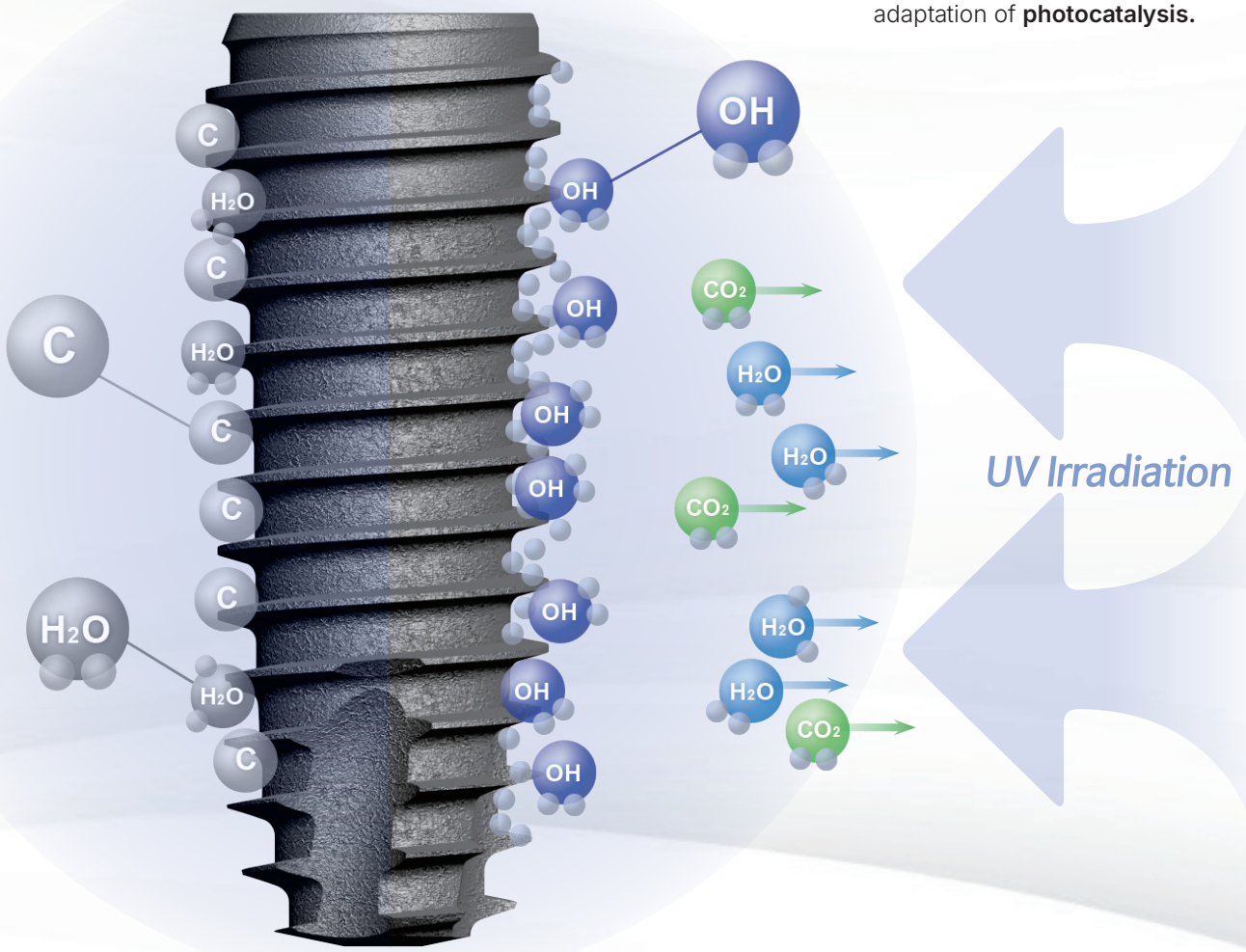
# DIO VUV Implant

Stronger and Faster VUV Photofunctionalized Implant

UV Photofunctional Effect

## *Photofunctional Effect Through UV Irradiation*

Superhydrophilic effect on surface through the adaptation of **photocatalysis.**




## VUV Clinical Application

*Fast Osseointegration! High Blood Wettability!*

- For elderly patients with weak gingiva bone !
- For busy patients who need to save time!
- High Osseointegration rate even in immediate placement Cases with extraction sockets that are bigger than the implant!
- High success rate!
- Shorter implants!

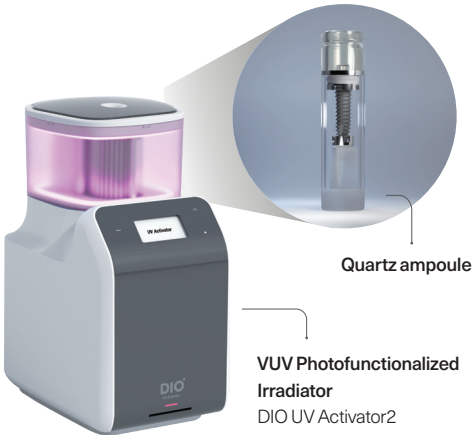
**Video:** Introduction to DIO VUV Implant

## World's First Second-Level Photofunctionalization

01 **Achieve superhydrophilic surface in just 20 Seconds of VUV irradiation**

02 **360° cylindrical VUV lamp for perfect VUV irradiation**

Our high-energy, semiconductor grade **172 nm VUV light source** sets us apart from competitors using low-energy UVC plasma sources




## Minimize Infection Risk and Maximize VUV Effect with Quartz Ampoule

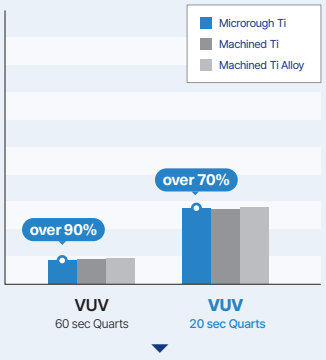
01 **Our safe quartz ampoule prevents contamination even when exposed to air**

Bacterial detection test confirms "No Bacteria Observed"
(Department of Oral Physiology, School of Dentistry, Pusan National University, 2020.01.15)

02 **Confirmation of comparable hydrophilicity effect on implant surface to direct VUV irradiation using our Quartz Ampoule.**

03 **Plasma attached without gaps around implant screw maximizes bonding strength for osseointegration**

**Organic molecule decomposition effect under VUV irradiation on different Ti surfaces**




***Over 70%*** organic molecule decomposition effect after 20 seconds of VUV irradiation on all surfaces, ***over 90% after 60 seconds***

*Int. J. Mol. Sci. 2023, 24, 1978, Prof. T. Ogawa, UCLA*

## Over 900,000 Cumulative Global Sales

**Our VUV Implant System is commercially proven and widely embraced by healthcare professionals worldwide.**

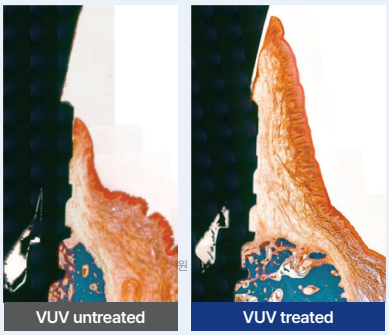
## Hydrophilicity Enhancement on Various Restorations

01 **VUV irradiation achieves hydrophilicity on abutments and crowns**

02 **Photoactivation effect equally effective in zirconia**

03 **Specially designed jig for precise and efficient photoactivation of abutments**

**Observation of gingival changes four weeks after Healing Abutment attachment following VUV irradiation**




**Purpose-built Jig for Abutment photoactivation**



# UFII Implant System

Hybrid Type SLA Implant

### UF II Short Regular

D Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5
L 5.5

### UF II Narrow

D Ø3.0 / Ø3.3
L 8.5 / 10 / 11.5 / 13 / 15
UV Active

### UF II Regular

D Ø3.8 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5
L 7 / 8.5 / 10 / 11.5 / 13 / 15 / 16 / 18
UV Active

### UF II Wide

D Ø5.9 / Ø6.4 / Ø6.9
L 7 / 8.5 / 10 / 11.5 / 13

### UF II Short Wide

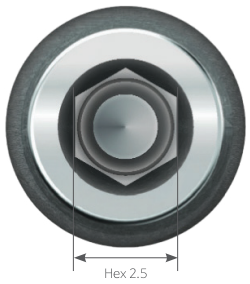
D Ø6.0 / Ø6.5 / Ø7.0
L 5.5

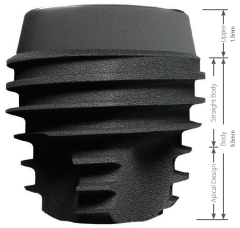


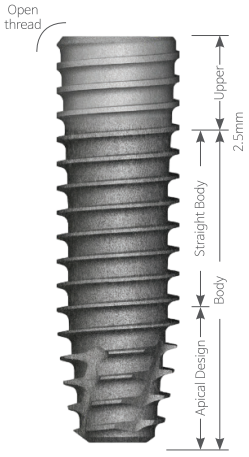


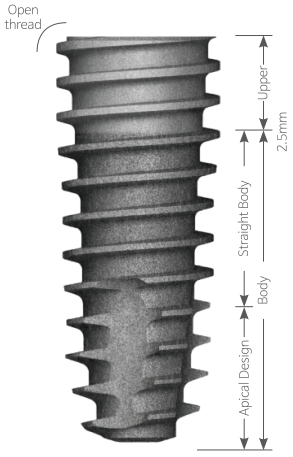


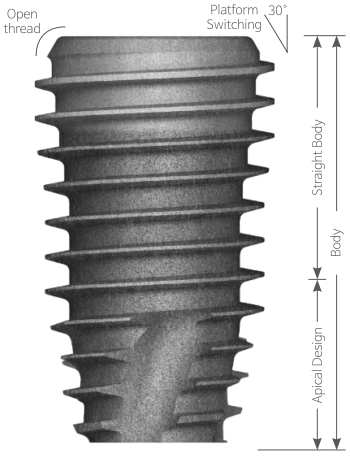


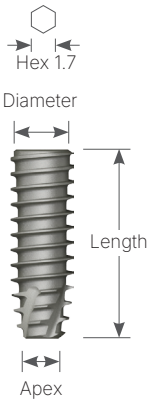





# **Narrow** Fixture




▸Ø3.0 fixture exclusive for anterior region.

· HSA / Packing Unit : Fixture | Order code : UF( II )N 0000**SF** [ex : UF( II ) N 3008**SF**]
Fixture + Cover Screw | Order code : UF(II)N 0000**S** [ex : UF(II)N 3008**S**]

· UV Active / Packing Unit : Fixture | Order code : UF( II ) N 0000**UV3** [ex : UF( II ) N 3008**UV3**]

· Accessories : Cover Screw (UNSCS 2700)

## N **D Ø3.0** Hex **1.7** Apex **Ø1.6**

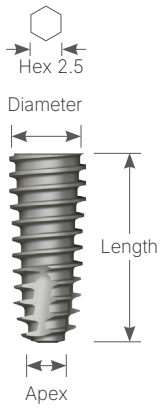
Unit **mm** I Scale **1 : 1.2**

| Length | 8.5 | 10 | 11.5 | 13 | 15 |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| HSA | UF(II)N **3008SF** | UF(II)N **3010SF** | UF(II)N **3011SF** | UF(II)N **3013SF** | UF(II)N **3015SF** |
| UV Active | UF(II)N **3008UV3** | UF(II)N **3010UV3** | UF(II)N **3011UV3** | UF(II)N **3013UV3** | - |

## N **D Ø3.3** Hex **1.7** Apex **Ø1.9**

| Length | 8.5 | 10 | 11.5 | 13 | 15 |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| HSA | UF(II)N **3308SF** | UF(II)N **3310SF** | UF(II)N **3311SF** | UF(II)N **3313SF** | UF(II)N **3315SF** |
| UV Active | UF(II)N **3308UV3** | UF(II)N **3310UV3** | UF(II)N **3311UV3** | UF(II)N **3313UV3** | - |

# **Regular** Fixture




· HSA / Packing Unit : Fixture | Order code : UF( II ) 0000**SF** [ex : UF( II ) 3808**SF**]
Fixture + Cover Screw | Order code : UF( II ) 0000**S** [ex : UF( II ) 3808**S**]
· UV Active / Packing Unit : Fixture | Order code : UF( II ) 0000**UV3** [ex : UF( II ) 3808**UV3**]
· Accessories : Cover Screw (SSCS 3400)

## R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit **mm** I Scale **1 : 1.2**

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16 | 18 |
|---|---|---|---|---|---|---|---|---|---|
| HSA | - | - | UF(II) 3808SF | UF(II) 3810SF | UF(II) 3811SF | UF(II) 3813SF | UF(II) 3815SF | UF(II) 3816SF | UF(II) 3818SF |
| UV Active | - | - | UF(II) 3808UV3 | UF(II) 3810UV3 | UF(II) 3811UV3 | UF(II) 3813UV3 | - | - | - |

## R D Ø4.0 Hex 2.5 Apex Ø1.6

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16 | 18 |
|---|---|---|---|---|---|---|---|---|---|
| HSA | UF(II) 4005SF | UF(II) 4007SF | UF(II) 4008SF | UF(II) 4010SF | UF(II) 4011SF | UF(II) 4013SF | UF(II) 4015SF | UF(II) 4016SF | UF(II) 4018SF |
| UV Active | UF(II) 4005UV3 | UF(II) 4007UV3 | UF(II) 4008UV3 | UF(II) 4010UV3 | UF(II) 4011UV3 | UF(II) 4013UV3 | - | - | - |

## R D Ø4.5 Hex 2.5 Apex Ø1.6

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16 | 18 |
|---|---|---|---|---|---|---|---|---|---|
| HSA | UF(II) 4505SF | UF(II) 4507SF | UF(II) 4508SF | UF(II) 4510SF | UF(II) 4511SF | UF(II) 4513SF | UF(II) 4515SF | UF(II) 4516SF | UF(II) 4518SF |
| UV Active | UF(II) 4505UV3 | UF(II) 4507UV3 | UF(II) 4508UV3 | UF(II) 4510UV3 | UF(II) 4511UV3 | UF(II) 4513UV3 | - | - | - |

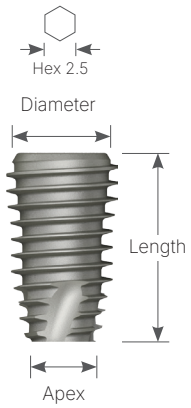
## R D Ø5.0 Hex 2.5 Apex Ø2.0

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16 | 18 |
|---|---|---|---|---|---|---|---|---|---|
| HSA | UF(II) 5005SF | UF(II) 5007SF | UF(II) 5008SF | UF(II) 5010SF | UF(II) 5011SF | UF(II) 5013SF | UF(II) 5015SF | UF(II) 5016SF | UF(II) 5018SF |
| UV Active | UF(II) 5005UV3 | UF(II) 5007UV3 | UF(II) 5008UV3 | UF(II) 5010UV3 | UF(II) 5011UV3 | UF(II) 5013UV3 | - | - | - |

## R D Ø5.5 Hex 2.5 Apex Ø2.5

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16 | 18 |
|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| HSA | UF(II) 5505SF | UF(II) 5507SF | UF(II) 5508SF | UF(II) 5510SF | UF(II) 5511SF | UF(II) 5513SF | UF(II) 5515SF | UF(II) 5516SF | UF(II) 5518SF |
| UV Active | UF(II) 5505UV3 | UF(II) 5507UV3 | UF(II) 5508UV3 | UF(II) 5510UV3 | UF(II) 5511UV3 | UF(II) 5513UV3 | - | - | - |

# **Wide** Fixture




· HSA / Packing Unit : Fixture | Order code : UF( II ) 0000**SF** [ex : UF( II ) 6007**SF**]
Fixture + Cover Screw | Order code : UF( II ) 0000**S** [ex : UF( II ) 6007**S**]
· UV Active / Packing Unit : Fixture | Order code : UF( II ) N 0000**UV3** [ex : UF( II ) N 6007**UV3**]
· Accessories : Cover Screw (SSCS 3400)

## R D Ø5.9 Hex 2.5 Apex Ø3.6

Unit **mm** I Scale **1 : 1.2**

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 |
|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |
| HSA | UF(II) 6005SF | UF(II) 6007SF | UF(II) 6008SF | UF(II) 6010SF | UF(II) 6011SF | UF(II) 6013SF | UF(II) 6015SF |
| UV Active | UF(II) 6005UV3 | UF(II) 6007UV3 | UF(II) 6008UV3 | UF(II) 6010UV3 | UF(II) 6011UV3 | UF(II) 6013UV3 | - |

## R D Ø6.4 Hex 2.5 Apex Ø3.6

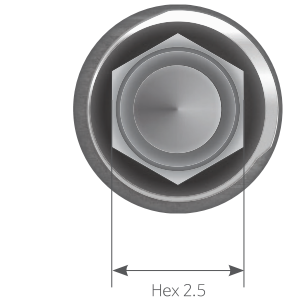
| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 |
|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |
| HSA | UF(II) 6505SF | UF(II) 6507SF | UF(II) 6508SF | UF(II) 6510SF | UF(II) 6511SF | UF(II) 6513SF | UF(II) 6515SF |
| UV Active | UF(II) 6505UV3 | UF(II) 6507UV3 | UF(II) 6508UV3 | UF(II) 6510UV3 | UF(II) 6511UV3 | UF(II) 6513UV3 | - |

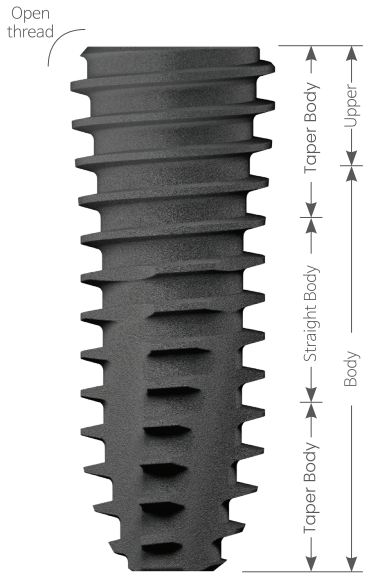
## R D Ø6.9 Hex 2.5 Apex Ø3.6

| Length | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 15 |
|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  |  |
| HSA | - | UF(II) 7007SF | UF(II) 7008SF | UF(II) 7010SF | UF(II) 7011SF | UF(II) 7013SF | UF(II) 7015SF |

# UFIII Implant

Stable Initial Fixation for Soft Bone




**UF III Regular**

D ø3.8 / ø4.0 / ø4.5 / ø5.0

L 7 / 8.5 / 10 / 11.5 / 13

UV Active

## Fixture Design Comparison

### Extra Diameter

Obtains stable fixation even in maxillary sinus cases

### Fully Taper Body

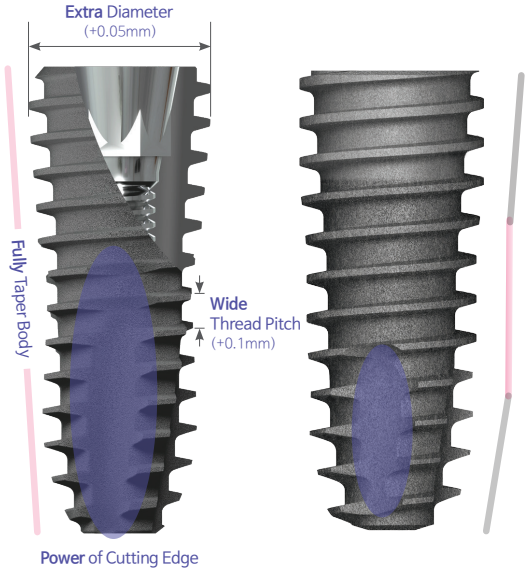
The entire taper type avoids interference with adjacent teeth and enables stable implantation.

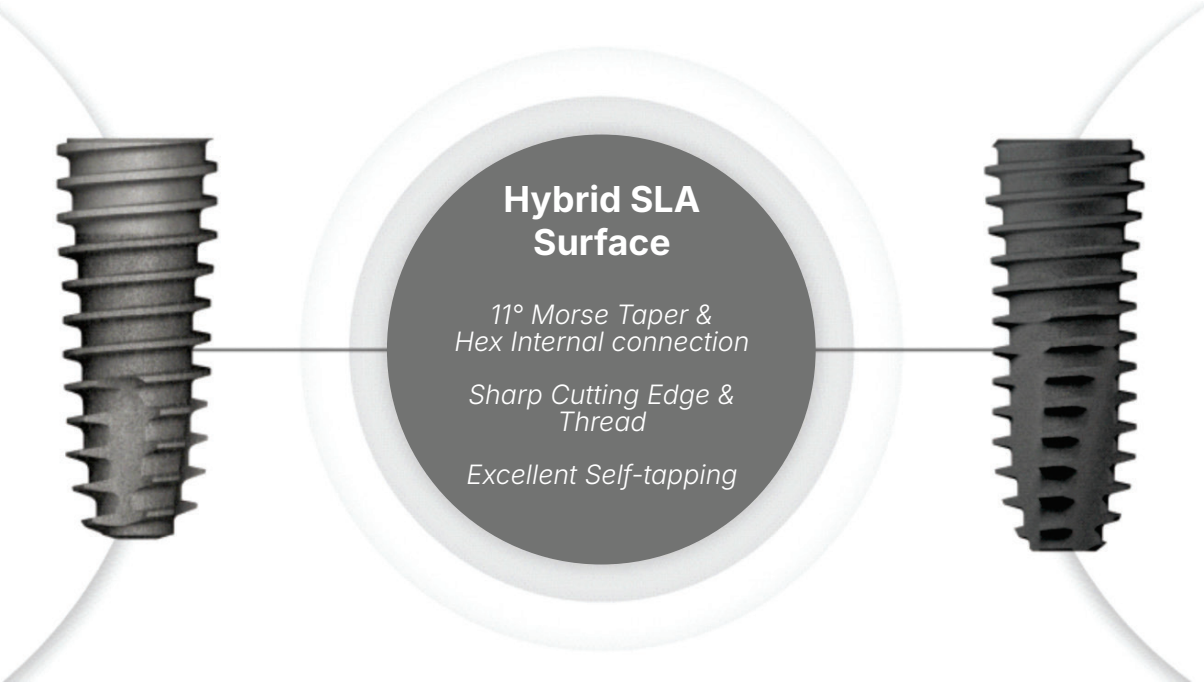
### Wide Thread Pitch

Increases initial fixation strength in soft bone with large threads

### Power of Cutting Edge

Self-tapping is easily achieved even in under drilling due to the long and sharp edge shape.





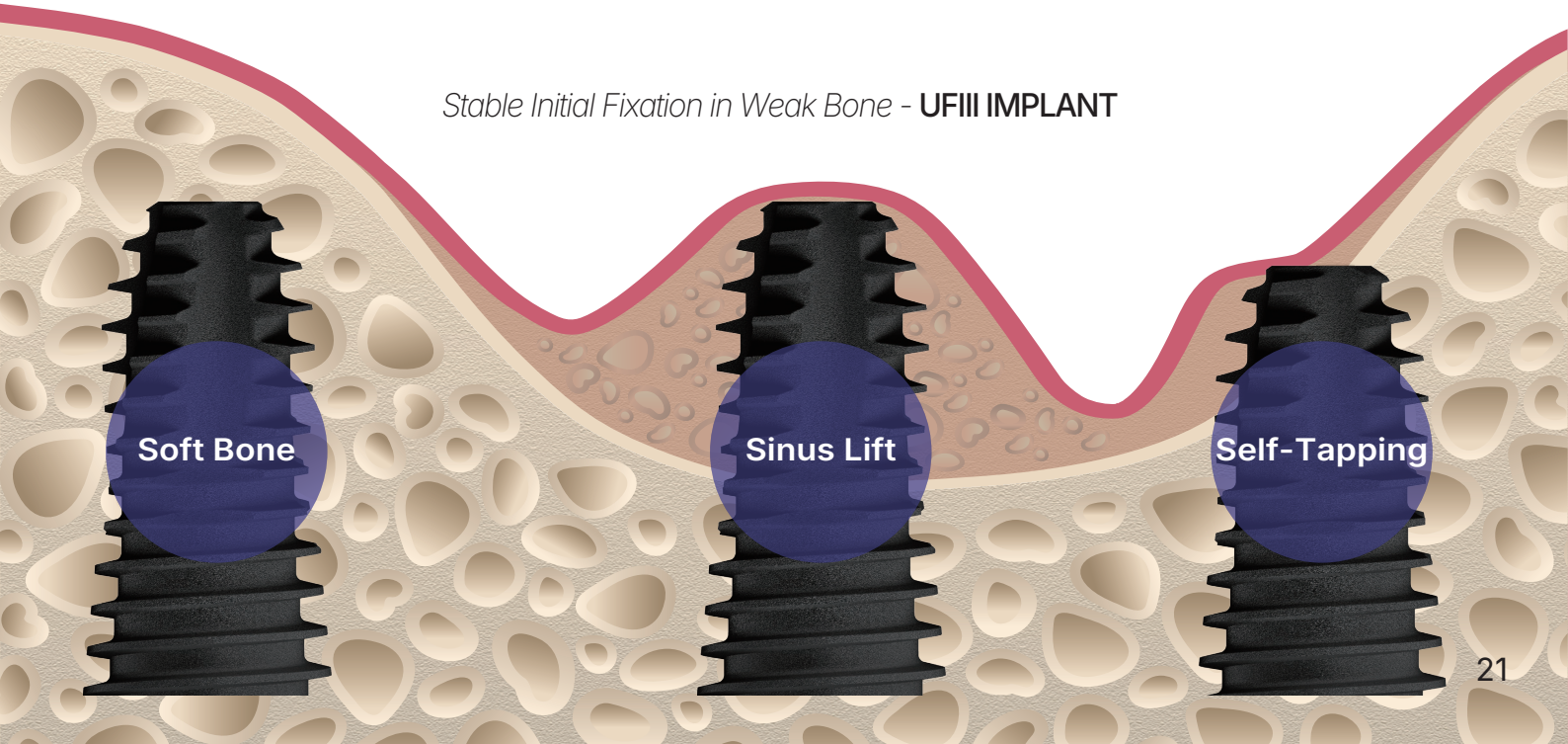

## Enhanced Initial Stability
with specialized design for *Soft Bone*

**Powerful Design for Soft Bone**
Enhanced stability and self-tapping function through overall tapered shape and larger cutting edge design.

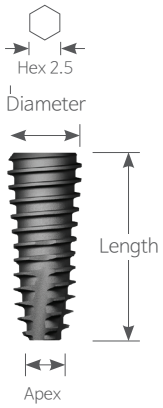
**Shortened Drill Protocol**
Reduced drilling steps up to 4 stages based on diameter in soft bone, easy self-tapping even during under-drilling.

**Solving Various Indications**
Maxillary sinus, Immediate extraction/placement, edentulism, and more.

*Stable Initial Fixation in Weak Bone* - **UFIII IMPLANT**



# **Regular** Fixture




· HSA / Packing Unit : Fixture | Order code : UFIII 0000**SF** [ex : UFIII 3808**SF**]
Fixture + Cover Screw | Order code : UFIII 0000**S** [ex : UFIII 3808**S**]
· UV Active / Packing Unit : Fixture | Order code : UFIII N 0000**UV3** [ex : UFIII N 3808**UV3**]
· Accessories : Cover Screw (SSCS 3400)

## R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit **mm** I Scale **1 : 1.2**

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|---|---|---|---|---|---|
| | |  |  |  |  |
| HSA | - | UFIII 3808SF | UFIII 3810SF | UFIII 3811SF | UFIII 3813SF |
| UV Active | - | UFIII 3808UV3 | UFIII 3810UV3 | UFIII 3811UV3 | UFIII 3813UV3 |

## R D Ø4.0 Hex 2.5 Apex Ø1.6

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| HSA | UFIII 4007SF | UFIII 4008SF | UFIII 4010SF | UFIII 4011SF | UFIII 4013SF |
| UV Active | UFIII 4007UV3 | UFIII 4008UV3 | UFIII 4010UV3 | UFIII 4011UV3 | UFIII 4013UV3 |

## R D Ø4.5 Hex 2.5 Apex Ø1.6

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| HSA | UFIII 4507SF | UFIII 4508SF | UFIII 4510SF | UFIII 4511SF | UFIII 4513SF |
| UV Active | UFIII 4507UV3 | UFIII 4508UV3 | UFIII 4510UV3 | UFIII 4511UV3 | UFIII 4513UV3 |

## R D Ø5.0 Hex 2.5 Apex Ø2.0

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| HSA | UFIII 5007SF | UFIII 5008SF | UFIII 5010SF | UFIII 5011SF | UFIII 5013SF |
| UV Active | UFIII 5007UV3 | UFIII 5008UV3 | UFIII 5010UV3 | UFIII 5011UV3 | UFIII 5013UV3 |

## Cover Screw (Set of 6)



| Cuff | Narrow | Regular |
|---|---|---|
| 0 | UNSCS 2700S | SSCS 3400S |

## Healing Abutment





| Narrow | | | | Regular-Wide | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Height | Cuff\Ø | Ø 4.0 | Ø 4.5 | Cuff\Ø | Ø 4.0 | Height | Cuff\Ø | Ø 4.0 | Ø 5.5 | Ø 6.5 |
| 2.0 | 2.0 | UNSHA 4020 | UNSHA 4520 | 2.0 | SSHA 4020 | 2.0 | 2.0 | SSHA 4520 | SSHA 5520 | SSHA 6520 |
| 4.0 | 2.0 | UNSHA 4024 | UNSHA 4524 | 4.0 | SSHA 4040 | 4.0 | 2.0 | SSHA 4524 | SSHA 5524 | SSHA 6524 |
| 5.0 | 3.0 | UNSHA 4035 | UNSHA 4535 | 6.0 | SSHA 4060 | 5.5 | 3.0 | SSHA 4535 | SSHA 5535 | SSHA 6535 |
| 7.0 | 4.0 | UNSHA 4047 | UNSHA 4547 | 8.0 | SSHA 4080 | 7.0 | 4.0 | SSHA 4547 | SSHA 5547 | SSHA 6547 |
| 8.5 | 5.0 | UNSHA 4058 | UNSHA 4558 | - | - | - | - | - | - | - |
| 10.0 | 6.0 | UNSHA 4060 | UNSHA 4560 | - | - | - | - | - | - | - |

## Cemented Abutment (Hex/Non-Hex)



| | | Narrow | Regular-Wide | | |
|---|---|---|---|---|---|
| Length | Cuff\Ø | 4.0 | 4.5 | 5.5 | 6.5 |
| 4.0 | 1 | - | SSCA 45104H/N | SSCA 55104H/N | SSCA 65104H/N |
| | 2 | - | SSCA 45204H/N | SSCA 55204H/N | SSCA 65204H/N |
| | 3 | - | SSCA 45304H/N | SSCA 55304H/N | SSCA 65304H/N |
| | 4 | - | SSCA 45404H/N | SSCA 55404H/N | SSCA 65404H/N |
| | 5 | - | SSCA 45504H/N | SSCA 55504H/N | SSCA 65504H/N |
| | Screw | - | SSC 2008SH | SSC 2008H | SSC 2008H |
| 5.5 | 1 | UNSCA 40105H/N | SSCA 45105H/N | SSCA 55105H/N | SSCA 65105H/N |
| | 2 | UNSCA 40205H/N | SSCA 45205H/N | SSCA 55205H/N | SSCA 65205H/N |
| | 3 | UNSCA 40305H/N | SSCA 45305H/N | SSCA 55305H/N | SSCA 65305H/N |
| | 4 | UNSCA 40405H/N | SSCA 45405H/N | SSCA 55405H/N | SSCA 65405H/N |
| | 5 | UNSCA 40505H/N | SSCA 45505H/N | SSCA 55505H/N | SSCA 65505H/N |
| | 6 | UNSCA 40605H/N | - | - | - |
| | 7 | UNSCA 40705H/N | - | - | - |
| | Screw | UNSAS 1407H | SSC 2008SH | SSC 2008H | SSC 2008H |
| 7.0 | 1 | UNSCA 40107H/N | SSCA 45107H/N | SSCA 55107H/N | SSCA 65107H/N |
| | 2 | UNSCA 40207H/N | SSCA 45207H/N | SSCA 55207H/N | SSCA 65207H/N |
| | 3 | UNSCA 40307H/N | SSCA 45307H/N | SSCA 55307H/N | SSCA 65307H/N |
| | 4 | UNSCA 40407H/N | SSCA 45407H/N | SSCA 55407H/N | SSCA 65407H/N |
| | 5 | UNSCA 40507H/N | SSCA 45507H/N | SSCA 55507H/N | SSCA 65507H/N |
| | 6 | UNSCA 40607H/N | - | - | - |
| | 7 | UNSCA 40707H/N | - | - | - |
| | Screw | UNSAS 1407H | SSC 2008SH | SSC 2008H | SSC 2008H |

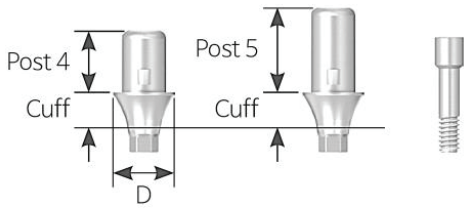
## Angled Abutment (Hex A, Hex B, Non Hex) (AH - Hex A, BH Hex B, N - Non - Hex)



| Narrow | | Regular-Wide | | | |
|---|---|---|---|---|---|
| Diameter | Ø 4.0 | Ø 4.5 | | Ø 5.5 | |
| Angle | | 15 | 25 | 15 | 25 |
| Cuff 1.5 | | SSAA 451515AH/BH/N[H] | SSAA 451525AH/BH/N[H] | SSAA 551515AH/BH/N[H] | SSAA 551525AH/BH/N[H] |
| 2 | UNSAA 402015BH/N | SSAA 452015AH/BH/N[H] | SSAA 452025AH/BH/N[H] | SSAA 552015AH/BH/N[H] | SSAA 552025AH/BH/N[H] |
| 3 | | SSAA 453015AH/BH/N[H] | SSAA 453025AH/BH/N[H] | SSAA 553015AH/BH/N[H] | SSAA 553025AH/BH/N[H] |
| 4 | UNSAA 404015BH/N | SSAA 454015AH/BH/N[H] | SSAA 454025AH/BH/N[H] | SSAA 554015AH/BH/N[H] | SSAA 554025AH/BH/N[H] |
| 5 | | SSAA 455015AH/BH/N[H] | SSAA 455025AH/BH/N[H] | SSAA 555015AH/BH/N[H] | SSAA 555025AH/BH/N[H] |

## Hybrid Link (Hex/Non-Hex)

| Narrow (Hex) | | | | Regular-Wide (Hex/Non-Hex) | | | |
|---|---|---|---|---|---|---|---|
| Ø 4.0 | Post 4 | Cuff 1 | UNHL 40401H | Ø 4.5 | Post 4 | Cuff 1 | UFHL 45401H/N |
| | | Cuff 2 | UNHL 40402H | | | Cuff 2 | UFHL 45402H/N |
| | | Cuff 3 | UNHL 40403H | | | Cuff 3 | UFHL 45403H/N |
| | Post 5 | Cuff 1 | UNHL 40551H | | Post 5 | Cuff 1 | UFHL 45501H/N |
| | | Cuff 2 | UNHL 40552H | | | Cuff 2 | UFHL 45502H/N |
| | | Cuff 3 | UNHL 40553H | | | Cuff 3 | UFHL 45503H/N |
| | | | | | Post 7 | Cuff 1 | UFHL 45701H/N |
| | | | | | | Cuff 2 | UFHL 45702H/N |
| | | | | | | Cuff 3 | UFHL 45703H/N |
| | | | | Ø 5.5 | Post 4 | Cuff 1 | UFHL 55401H/N |
| | | | | | | Cuff 2 | UFHL 55402H/N |
| | | | | | | Cuff 3 | UFHL 55403H/N |
| | | | | | Post 5 | Cuff 1 | UFHL 55501H/N |
| | | | | | | Cuff 2 | UFHL 55502H/N |
| | | | | | | Cuff 3 | UFHL 55503H/N |
| | | | | | Post 7 | Cuff 1 | UFHL 55701H/N |
| | | | | | | Cuff 2 | UFHL 55702H/N |
| | | | | | | Cuff 3 | UFHL 55703H/N |




## UCLA Abutment - CCM Type (Hex, Non-Hex)



| | Narrow | Regular-Wide | |
|---|---|---|---|
| Cuff\Ø | 4.0 | 4.0 | 4.5 |
| 1 | UNSCCA 4010H/N | CCSS 4010H/N | CCSS 4510H/N |
| 3 | UNSCCA 4030H/N | - | CCSS 4530H/N |

## Implant Analog



| | Narrow | Regular-Wide |
|---|---|---|
| Length \ Ø | Ø 3.0 | Ø 4.0 |
| 12 | UNSFA 3012 | SSFA 4012 |

## Pick-up Impression Coping [Open Tray (Hex/Non-Hex)]



| Narrow | | Regular-Wide | | | |
|---|---|---|---|---|---|
| Length / Ø | Ø 4.0 | Ø 4.0 | Ø 4.5 | Ø 5.5 | Ø 6.5 |
| 9 | - | SSPI 4009H/N | SSPI 4509H/N | SSPI 5509H/N | SSPI 6509H/N |
| 12 | UNSPI 4012H/N | - | - | - | - |
| 13 | - | SSPI 4013H/N | SSPI 4513H/N | SSPI 5513H/N | SSPI 6513H/N |
| 14 | UNSPI 4014H/N | - | - | - | - |
| 16 | UNSPI 4016H/N | - | - | - | - |
| 17 | - | SSPI 4017H/N | SSPI 4517H/N | SSPI 5517H/N | SSPI 6517H/N |
| 19 | - | SSPI 4019H/N | SSPI 4519H/N | SSPI 5519H/N | SSPI 6519H/N |

## Transfer Impression Coping [Close Tray (Hex/Non-Hex)]



| Narrow | | Regular-Wide | | | |
|---|---|---|---|---|---|
| Length / Ø | Ø 4.0 | Ø 4.0 | Ø 4.5 | Ø 5.5 | Ø 6.5 |
| 10 | - | SSTI 4010H/N | SSTI 4510H/N | SSTI 5510H/N | SSTI 6510H/N |
| 13 | UNSTI 4013H/N | - | - | - | - |
| 15 | UNSTI 4015H/N | SSTI 4015H/N | SSTI 4515H/N | SSTI 5515H/N | SSTI 6515H/N |
| 17 | UNSTI 4017H/N | - | - | - | - |

## Temporary Abutment (Hex/Non-Hex)



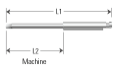
| Narrow | | Regular | |
|---|---|---|---|
| UNSTA | 4010 H/N | SSTA | 4510 H/N |
| UNSTA | 4030 H/N | SSTA | 4530 H/N |

## Multi Unit Abutment

| | Narrow | Regular-Wide |
|---|---|---|
| Ø 4.8 | Narrow | Regular-wide |
| Cuff 1.5 | MSAN 4801 | MSA 4801 |
| 2.5 | MSAN 4802 | MSA 4802 |
| 3.5 | MSAN 4803 | MSA 4803 |
| 4.5 | MSAN 4804 | MSA 4804 |
| 5.5 | MSAN 4805 | MSA 4805 |
| 6.5 | - | MSA 4806 |
| 7.5 | - | MSA 4807 |



## Multi Unit Abutment Components

| | | | | | |
|---|---|---|---|---|---|
| Healing Cap (D 5.0) | |  | Cemented Cylinder (D 5.4) | |  |
| Code | MHC 5005 | | Code | MCEM 5408H/N | |
| Pick-up Impression Coping (D 4.8) | |  | Plastic Cylinder (D 5.0) | |  |
| Code | MPI 4811H/N | | Code | MPLA 5010H/N | |
| Transfer Impression Coping (4.8) | |  | Temporary Cylinder (D 5.4) | |  |
| Code | MTI 4808N | | Code | MTEM 5412H/N | |
| H Scan Body (5.0) | |  | Cylinder Screw | |  |
| Code | MHSB 5005H | | Code | MSC 1604 | |
| Scan Adapter (D 4.8) | |  | Abutment Analog (D 4.8) | |  |
| Code | MSCAN 4808H | | Code | MLA 4815H | |
| Multi unit Screw Driver | |  | Dgital Analog (D 4.8) | |  |
| Code | MMD 1224 | | Code | MDA **4813** | |
| Multi unit Straight Screw Driver | |  | Multi unit Screw Driver | |  |
| Code | HD 2012A | | Code | MHD 1215 | |

## Angled Multi Unit Abutment (Hex/Non-Hex)

| Narrow | | | Regular-Wide | | |
|---|---|---|---|---|---|
| Ø 3.0/3.3 | 20 Degree | 30 Degree | Ø 4.8 | 20 Degree | 30 Degree |
| Cuff 2.5 | MAAN 482520H/N | - | Cuff 2.5 | MAA 482520H/N | - |
| 3.0 | MAAN 483020H/N | - | - | - | - |
| 3.5 | MAAN 483520H/N | MAAN 483530H/N | 3.5 | MAA 483520H/N | MAA 483530H/N |
| 4.5 | MAAN 484520H/N | MAAN 484530H/N | 4.5 | MAA 484520H/N | MAA 484530H/N |
| 5.5 | MAAN 485520H/N | MAAN 485530H/N | 5.5 | MAA 485520H/N | MAA 485530H/N |
| - | - | - | 6.5 | MAA 486520H/N | MAA 486530H/N |
| - | - | - | 7.5 | MAA 487520H/N | MAA 487530H/N |
| Screw | UNSAS 1407H | | MASC 2006 | | |



## Ball Abutment

| | Narrow | Regular-Wide |
|---|---|---|
| Diameter | Ø 3.5 | Ø 3.5 |
| Length 1 | UNSBA 3510 | SSBA 3510 |
| 2 | UNSBA 3520 | SSBA 3520 |
| 3 | UNSBA 3530 | SSBA 3530 |
| 4 | UNSBA 3540 | SSBA 3540 |
| 5 | UNSBA 3550 | SSBA 3550 |
| 6 | UNSBA 3560 | SSBA 3560 |
| 7 | UNSBA 3570 | SSBA 3570 |

| Ball Abutment Driver | | |
|---|---|---|
| Code | HD 2406A | |
| | HD 2412A | |
| O-Ring | | |
| Diameter | Ø 4.5 | |
| | OR 0450 B | OR 0450 O |
| |  |  |



## Ball Abutment Analog

| Ball Abutment Analog | | |
|---|---|---|
| | Narrow | Regular-Wide |
| Diameter | Ø 3.5 | |
| | UNSBAA 3510 | SABA 3510 |
| Retainer | | |
| Diameter | Ø 5.0 | |
| | RT 0502 | |
| Ball Cap | | |
| Diameter | Ø 5.0 | |
| | BC 5004 | |





## Locator



| Cuff 1 | Narrow | Regular-Wide |
|---|---|---|
| | 02961 | 02967 |
| 2 | 02962 | 02968 |
| 3 | 02963 | 02969 |
| 4 | 02964 | 02970 |
| 5 | 02965 | 02971 |
| 6 | 02965 | 02972 |



| Male | | | | |
|---|---|---|---|---|
| **Retention** | **1.5 LBS** | **3 LBS** | **5 LBS** | - |
| 20 degree | LOC 8529 | LOC 8527 | LOC 8524 | - |
| **Retention** | **0 LBS** | **1 LBS** | **2 LBS** | **4 LBS** |
| 40 Degree | LOC 8558 | LOC 8548 | LOC 8915 | LOC 8547 |
| **Male Package** | | - | - | - |
| 1 Set | 2 Set | - | - | - |
| LOC 8519 | 8519-2 | - | - | - |

## Digital Lab Analog



| Narrow | Regular |
|---|---|
| DAU 3009 | DAU 4509 |

## Scan Adapter



| Length | Narrow | Regular-Wide |
|---|---|---|
| 9 | SCAN 41 | SCAN 01[H] |
| 15 | SCAN 41-15 | SCAN 01-15[H] |

## H - Scan Body



| Narrow | | Regular-Wide | | | | | |
|---|---|---|---|---|---|---|---|
| Length / Ø | Ø 4.0 | Length / Ø | 5 | Length / Ø | 6 | | 7 |
| **4** | UNHSB 404H | 4 | HSCAN 541H | 4 | HSCAN 641H | HSCAN 642H | HSCAN 741H |
| **6** | UNHSB 406H | 6 | HSCAN 561H | 6 | HSCAN 661H | HSCAN 662H | HSCAN 761H |
| **8** | UNHSB 408H | 8 | HSCAN 581H | 8 | HSCAN 681H | HSCAN 682H | HSCAN 781H |
| **10** | UNHSB 410H | - | - | - | - | - | - |
| **12** | UNHSB 412H | - | - | - | - | - | - |

# Multiunit Abutment I DeSR Abutment (Two Channel Abutment Coming Soon)

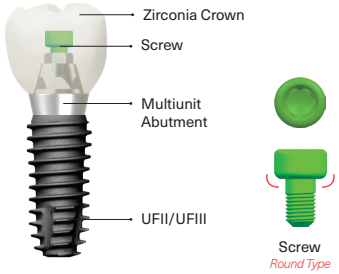
Revolutionary Cementless Restoration System for Reduced Chair Time

Video: Introduction to Cementless Prostheses

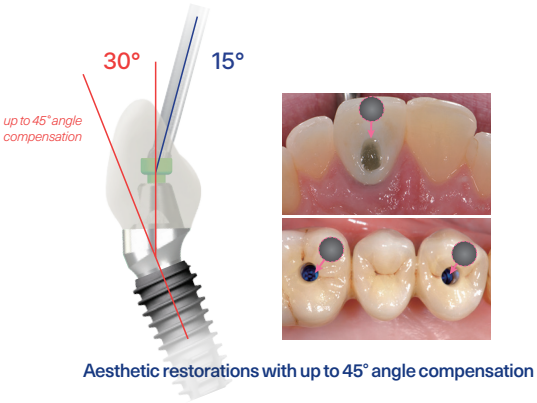


| | Residual cement | Infection prevention | Aesthetic restoration | Vertical height | Cost |
|---|---|---|---|---|---|
| **Multiunit** Abutment | None | Possible | Up to 45° compensation angle | Minimum 6mm required / Gingival cuff possible | More affordable than Custom Abutment |
| **DeSR** Abutment | None | Possible | Various sizes selectable | Can accommodate cases lower than 5mm | Most economical |

## SRP Type Multiunit Abutment




Connection Sequence




Aesthetic restorations with up to 45° angle compensation

01 **Cementless Direct Crown** that attaches Zirconia restoration directly onto the Multiunit Abutment

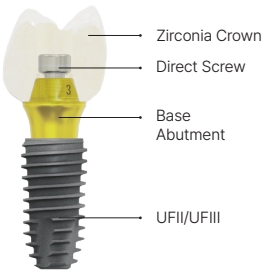
02 **Round type specialized screw** for stress distribution and stability

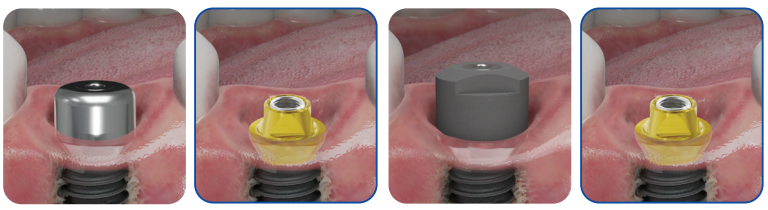
03 **Ability to contour the gum line if the crown is longer than adjacent teeth**

04 Create screw holes at desired locations with up to 45° compensation for **aesthetically pleasing restoration**

05 **Reasonable cost compared to custom abutments**

## SRP Type DeSR Abutment



Connect the Healing Cap to the Base Abutment

Remove the Healing Cap
Keep Base Abutment

Connect the Scanbody to the Base Abutment

Remove the Scanbody
Keep Base Abutment

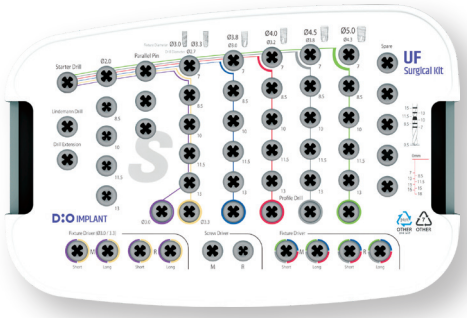
01 **Achieve bacterial prevention and maintain recovered tissues** with direct screw-zirconia restoration connection, without the use of a post.

02 Various Base abutment diameters are available to **suit different cases, including anterior and posterior teeth.**

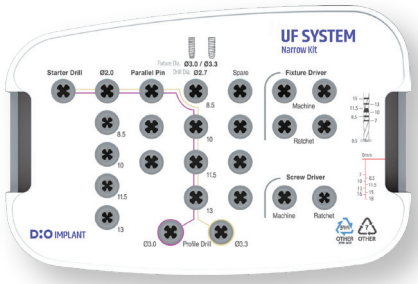
03 **Restoration is possible even in cases with a vertical height of up to 5mm.**

04 **The most economical option** compared to custom and prefabricated abutments.

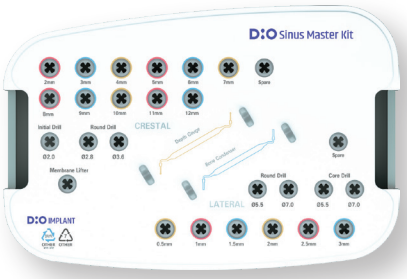
# UF Surgical Kits (Conventional)



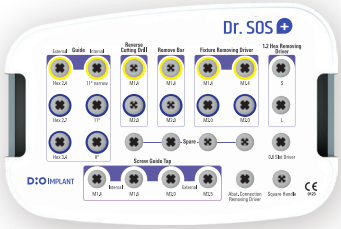

UF II Surgical Kit (UF 07)



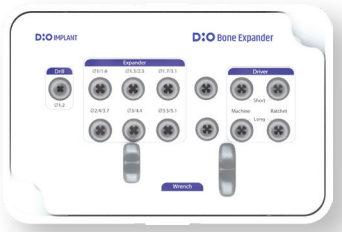

UF II Narrow Kit (UF 08 )



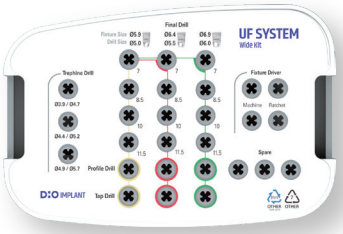

UF II Sinus Master Kit (SMK 01)




Dr. SOS Kit (DRS 02)



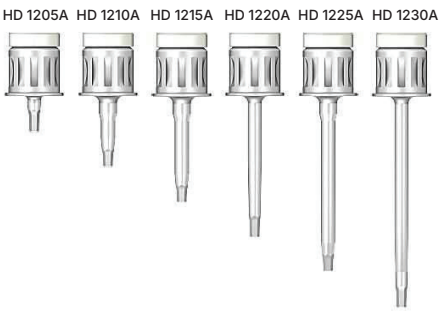

Bone Expander kit (BEP M 00)




UF II Wide Kit (UF M 09)




Torque Wrench DTW 0060



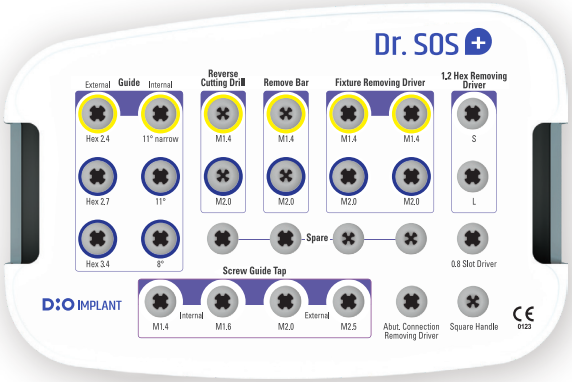

Hex Drivers

# New Dr. SOS+ Kit

Perfectly Resolve Implant Complications with a Single Kit

Video: Introduction to New Dr. SOS+ Kit






### 01 Solve all cases with one kit

Capable of solving all cases such as fixture fracture, abutment fracture, screw fracture, 1.2 hex deformation, etc.

### 02 Simple components

Consists of 17 simple tools to solve all cases

### 03 Intuitive fixture removal protocol

Simple yet reliable performance, as it is completed with just a reverse rotation after attaching the Universal Driver.

### 04 Various screw removal protocols

## Applications




01 Adjacent Bone Loss
02 Crack
03 Partial Fracture (Vertical)
04 Complete Fracture (Horizontal)
05 Damage to the internal structure of the Fixture
06 Abutment Fracture
07 Wear of Healing/Cover Screw Hex
08 Abutment Screw Fracture
09 Wear of Abutment Screw Hex

# DIO NAVI

## Accurate and Safe Digital Implant System



Based on patient's CBCT and oral scan data, we first digitally plan optimal prosthetic design, and then plan the arrangement of implants according to the surgeon's requirement.

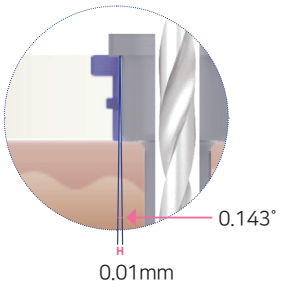
DIOnavi is one of the most advanced surgical system that maximizes the accuracy of surgery and enables safe surgery using Surgical guide.

The entire process, from diagnosis to implant procedure, is digitalized, eliminating the hassle and potential for errors associated with analog methods.

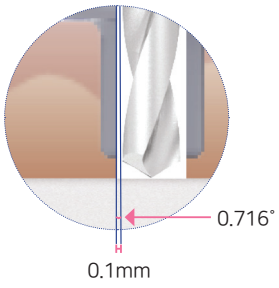
## DIO NAVI is Accurate!

### 01 Minimizes tolerance error

- Minimizes the gap between the Drill Tube and Metal Sleeve for accurate Initial Drilling

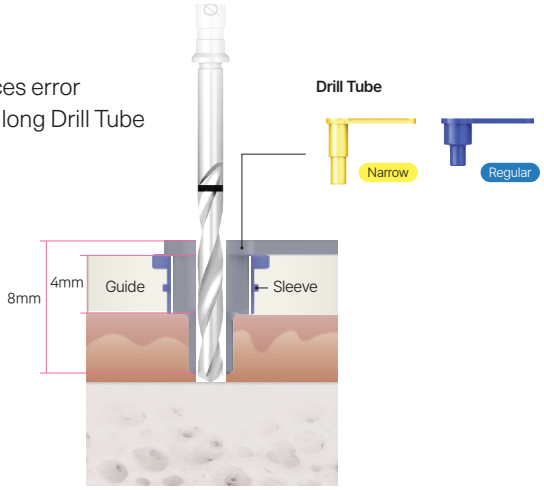



Tolerance between the Drill Tube and Metal Sleeve




Tolerance between the Drill Tube and Drill

- Reduces error with a long Drill Tube

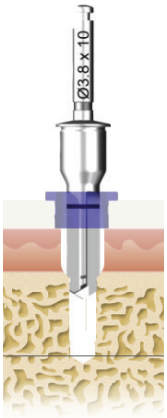



Error due to tolerance = 0.859˚

### 02 Minimizes error with Double Contact Drilling

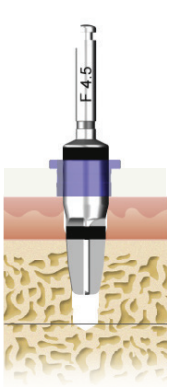
- A dedicated Drilling Protocol takes into account bone characteristics and drill characteristics, resulting in two contacts within the Sleeve and bone, minimizing error along the previous drilling direction.

**Without Using Profile Drill**

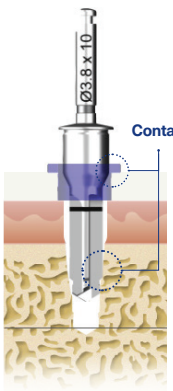



VS

**Double Contact Drilling**




Profile Drill F4.5: Upper expansion and confirmation of cortical bone




Final Drill Ø3.8x10

**Video:** Introduction to DIOnavi.

## DIO NAVI is Safe!

### 01 No Guide Chip

Metal Sleeve is attached as a standard to the guide to prevent guide deviation during drilling

Guide chip has a negative impact on the treated area



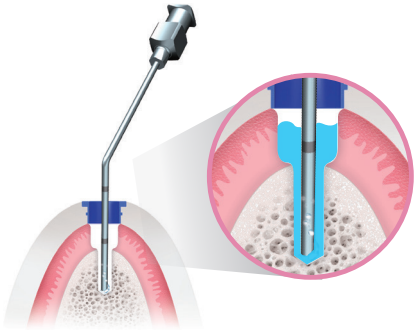




**Guide Chip** (Resin powder)

### 02 Prevention of Bone Heating

Cooling is possible with a metal needle even in deep bone areas

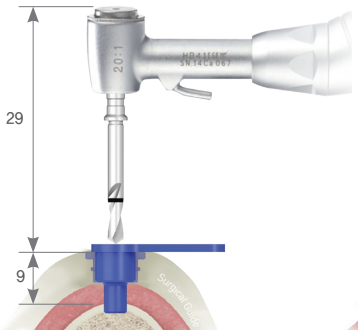


**Effect of Metal Needle**

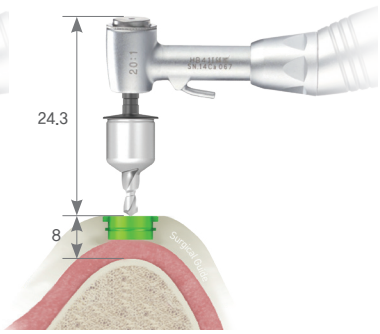
Prevention of bone heating
Cooling to the depth of the hole
Removal of internal particles

## DIO NAVI is Convenient!

### 01 Convenient treatment even in difficult cases such as restricted mouth opening cases with DIO NAVI wide kit and green sleeve with lesser drill height




Ø2.0 5mm Drill




Ø2.0 5mm Wide Guide Drill

# DIO NAVI Full Arch

The Most Advanced and Efficient Digital Full Arch Implant Solution

DIO NAVI Full Arch is currently used in dental clinics across 14 countries.
With over 14,000 arch cases of patient treatment experience, the system has been continuously improved to provide the best solution for edentulous patients.

By utilizing the precise and safe DIO NAVI surgical guide, implants are placed and a fixed 1st provisional bridge is delivered on the same day, maximizing patient satisfaction.

The prosthetic workflow, unique to DIO NAVI Full Arch, involves scanning the first fixed provisional bridge to fabricate the second one, achieving high accuracy even with changes in the oral environment during treatment.



This same workflow is applied to the final prosthesis, which is screw-retained and made from highly aesthetic and stable zirconia material.

## Clinical Cases




(*Provided by: Newton Dental Hospital*)

01 Immediate temporary teeth attached during implant placement.

02 Accurate pre-planning with 3D simulation before implant placement using a minimum of 4-6 implants.

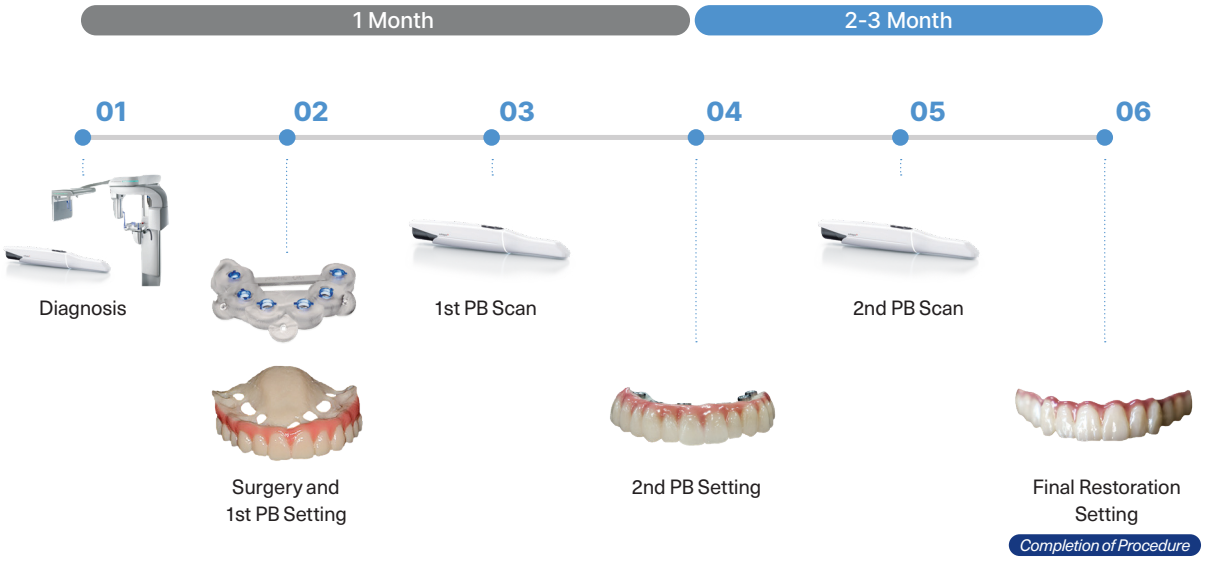
03 Final full-arch restoration using splinted type Full Zirconia.

04 Precise and stable screw-retained final restoration using SRP type Multiunit Abutment.

05 Treatment duration as short as 2-4 months.



## Procedure




**Get a full arch restoration in just 6 visits after consultation**

**Video:** Introduction to DIOnavi. Full Arch

## Guide and Prostheses



DIOnavi.
Surgical Guide



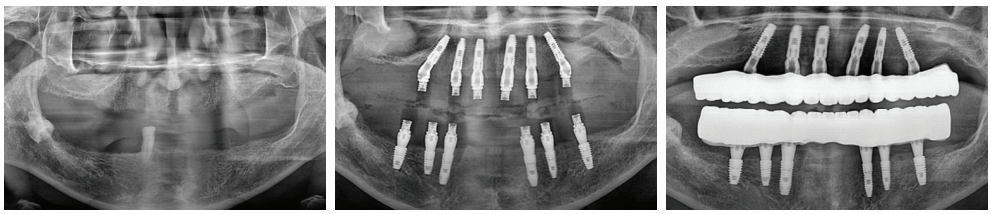
Provisional
Bridge



Final Restoration
Full Zirconia

# Clinical Cases

Panorama X-ray



Provisional Bridge Setting



Final Restoration Setting

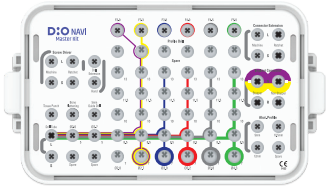


# DIO NAVI Kits

Line-Up DIO Navi Digital Implants & Kits



| Fixture Size | Narrow | Regular | Wide | |
|---|---|---|---|---|
| DIOnavi. Sleeve Size | Narrow | | | |
| | Standard | | Wide | × |
| | 3.0 | 3.3 | 3.8 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 |



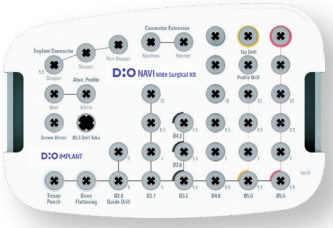


## Regular Case

**DIOnavi. Master Kit**

Off-Set height : 9 / 10.5 / 12mm

[CODE : UF 05]





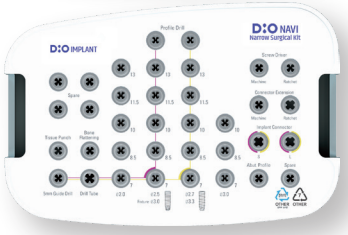
## Wide Case

DIOnavi. Wide Kit

Case with small mouth opening / Case with posterior region

Off-Set height : 8 / 9.5mm

[CODE : UF 11]





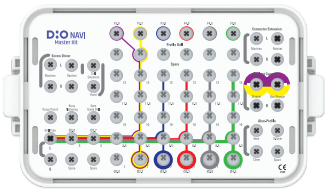
## Narrow Case

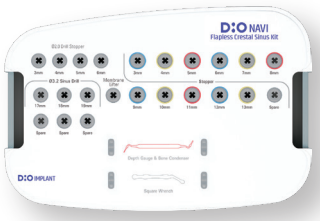
DIOnavi. Narrow Kit

Case with narrow bones / Case with narrow interdental space

Off-Set height : 12mm

[CODE : UF 14]



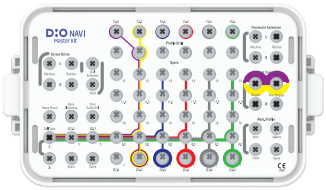


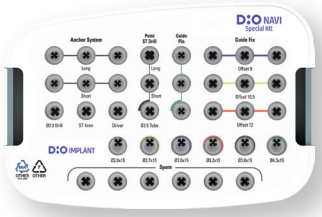
## Sinus Case

DIOnavi. Master Kit &
DIOnavi. Sinus Crestal Approach Kit

Hydraulic sinus lifting kit

[CODE : SMK 02]





## Edentulous Case

DIOnavi. Master Kit & DIOnavi. Special Kit

Free end case / Case of immediate implantation after tooth extraction
Including 15mm final drill

[CODE : SGF 02]

# D:O Probo Z

Printer optimized for printing prosthesis

UNSTOPPABLE
PERFORMANCE
EVOLUTION




## Specification

- Dimension: 300x378x484mm
- Light Wavelength: 405nm
- Type: DLP
- XY Resolution: 55μm
- Weight: 20kg
- Build Volume: 105.6x59.4x80mm
- Touch Screen: 7inch
- Layer: 25, 50, 100μm

# Smaller and Lighter




Higher quality and accuracy

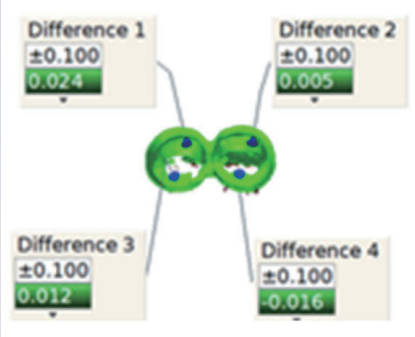
Protects user's eyes and resin

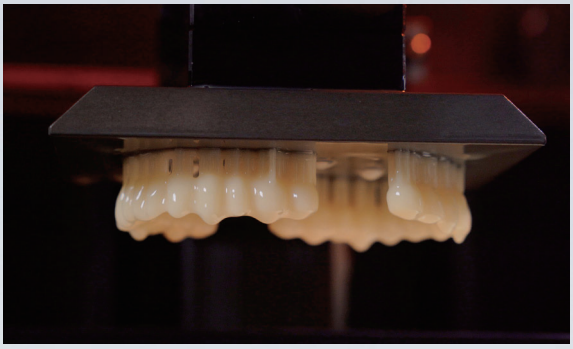
Touch screen

Smaller and lighter exterior

# Faster Speed and Higher Precision

Meet the most detailed output possible with a 3D printer.
Faster and more powerful DIO PROBO Z shows top performance out of all other printers on the market.



Green part ±50μm

## Specially designed to work with DIO's proprietary printing materials

DIO's new dental 3D printer PROBO Z and accompanying **software are optimized for manufacturing prosthesis.**

## 16% increase in printing speed with the new engine

## High-quality prosthesis printed with increased details in printing

DIO's new PROBO Z shows improved performance of 16% increase in printing speed compared with the original PROBO, featuring precision degree of less than ±50μm and Full HD (1920 x 1080) quality DLP. A single container of the **material produced up to 1,000 prosthesis.**
Using DIO's proprietary printing materials*, batch printing speed is exceptionally fast for even more efficient production in the clinic.

*14 minutes using "DIOnavi-C&B" and 25 minutes using "DIOnavi-C&B Z" for batch printing 40 single crowns.

## User-friendly design

The intuitive UI and touch screen increased user convenience. DIO PROBO Z can be used easily by anyone in the clinic.

# D:O Cure2 Probo

Introducing the 3D Printer Curing Machine

Touch screen

Setting temperature,
time, and curing level

Curing the upper and
lower part at the same time




## Upgraded Dual Light Source

## Specification

**Dimension**
249x320x216mm

**Light Position**
Top / Bottom

**Curing Volume**
100x100x42mm

**Input Voltage**
AC 100-240V, 50/60Hz

**Weight**
7.5kg

**Power Consumption**
160W

**Light Source**
405nm / LED

### Larger capacity
### 405 nm LED wavelength
### Double sided curing

The new DIO PROBO Cure 2 introduces a double sided curing for more effective outcome to improve the prosthesis production process. Compared with the original curing machine, PROBO Cure 2 features a 16% stronger dual LED light sources with increased luminous intensity and uniformity.

### LED power level setting
### Enables curing time control

The LED Power level can be set from level 1 to 5.
Curing time can be adjusted in 10-second units, so the optimal curing conditions can be matched with each material.

### Alarm function for safety

DIO PROBO Cure2 has a system that automatically stops when high temperature is detected due to LED overheating. It has a built-in alarm system that notifies the user when there is such an issue.

DESIGN AWARD 2020

# UV Activator 2




## Attractive to water, Attractive to patients!

*A 20-second Hydrophilic Surface Treatment Solution!*

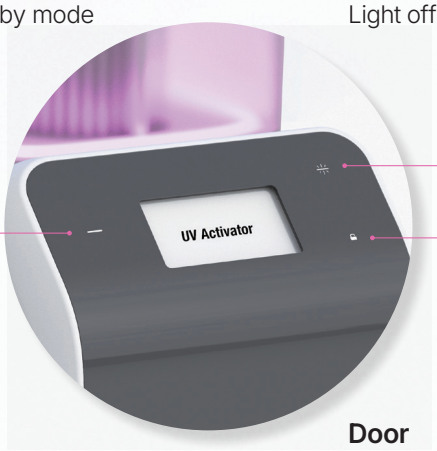


# Intuitive UI




**Power**
White – Ready to activate
Red – Stand by mode

**UV Indicator**
Light on – UV cycle active
Light off – UV cycle complete




**Door**
Light on - Door open
Light off - Door closed

**Dimensions**
13.8″(h) X 10.3″(w) X 7.1″(d)
Power consumption :150W maximum
Weight : 6kg
Recommended UV exposure : 20 seconds
Activates one fixture per cycle

*** Two color options**



Rose Pink Sky Blue




# 20 miraculous seconds

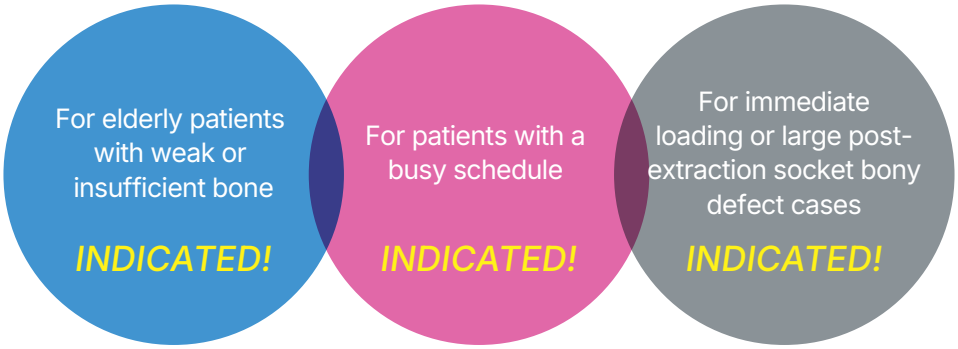
Experience maximal hydrophilic qualities!

| | Wet | Dry | |
|---|---|---|---|
| | | UV-A Wavelength | DIO UV Activator |
| **Irradiation method** | Activated during the manufacturing process, delivered in solution-filled packaging | UV activated before use | UV activated before use |
| **Irradiation time** | | 20 hours | Only 20sec |

3,600 times faster!

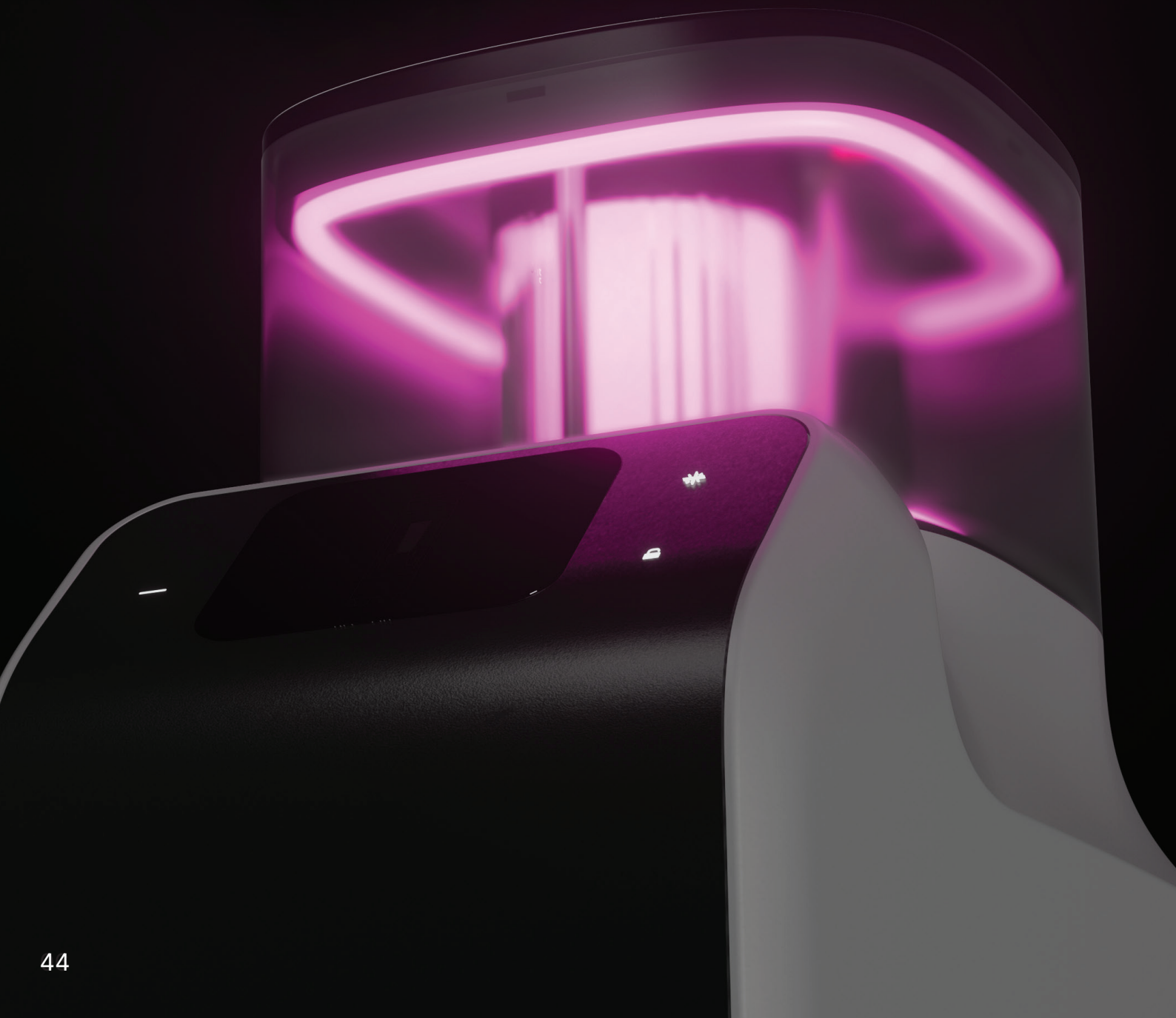
# Is UV Active right for you?

Consider these:



# Up your game
# with UV!

- A truly hydrophilic surface with only 20 seconds of UV irradiation
- Bathed in 360 degrees of UV light ensuring maximum activation
- Intuitive user interface, alluring design



## Training | DIO Digital Academy (DDA)

DDA Standard Course offers the basic, essential and practical knowledge necessary to start digital workflow-based implant treatment using digitally planned surgical guides.
This course is designed to educate dentists and clinical staff to successfully implement surgical guides into their practice.



## Training | DIO Implant Academy (DIA)

This course is aimed at general dental practitioners who wish to provide implant dentistry in their practices, also who want to learn best practice techniques to achieve superior aesthetic result in implant treatments.



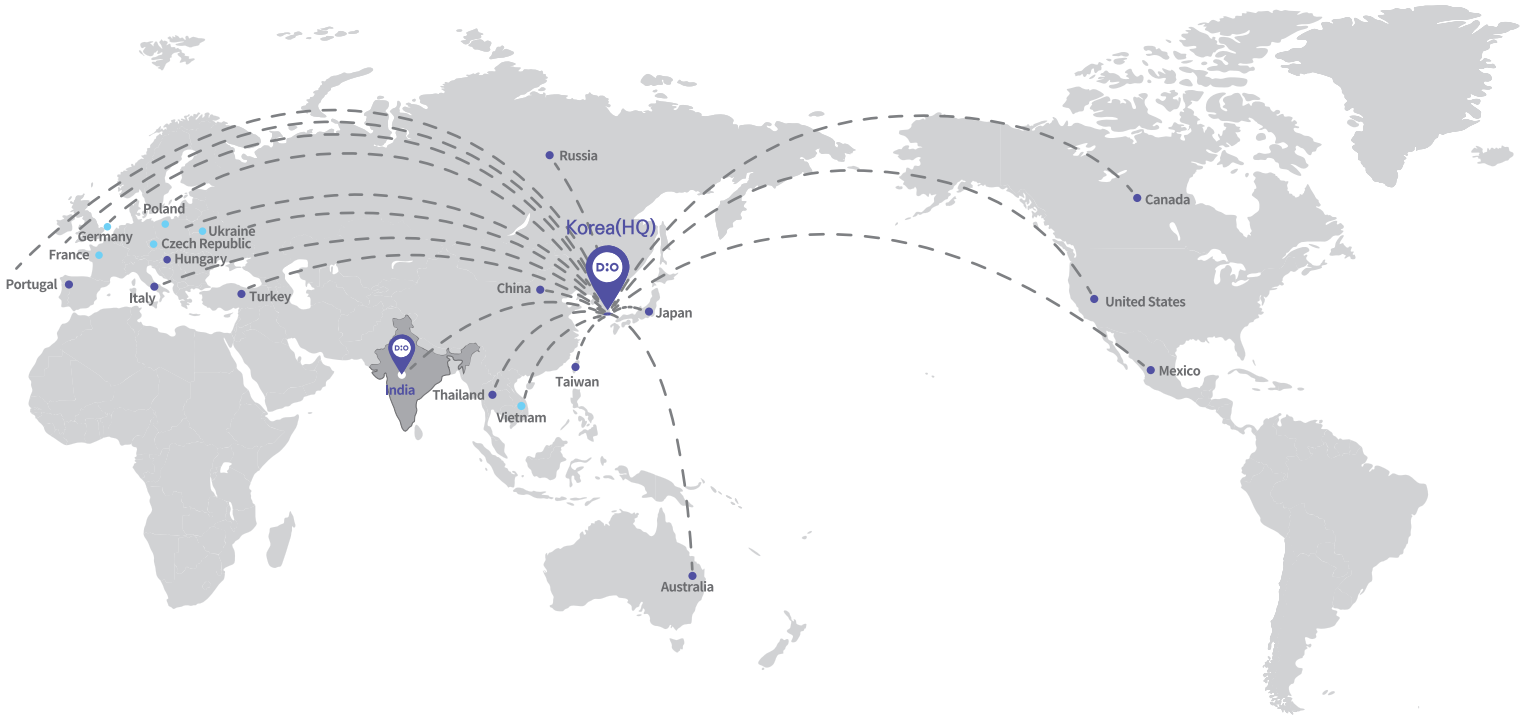


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The Oral Care Solution Creator

## Global Network

- Existing branch
- New branches to be opened

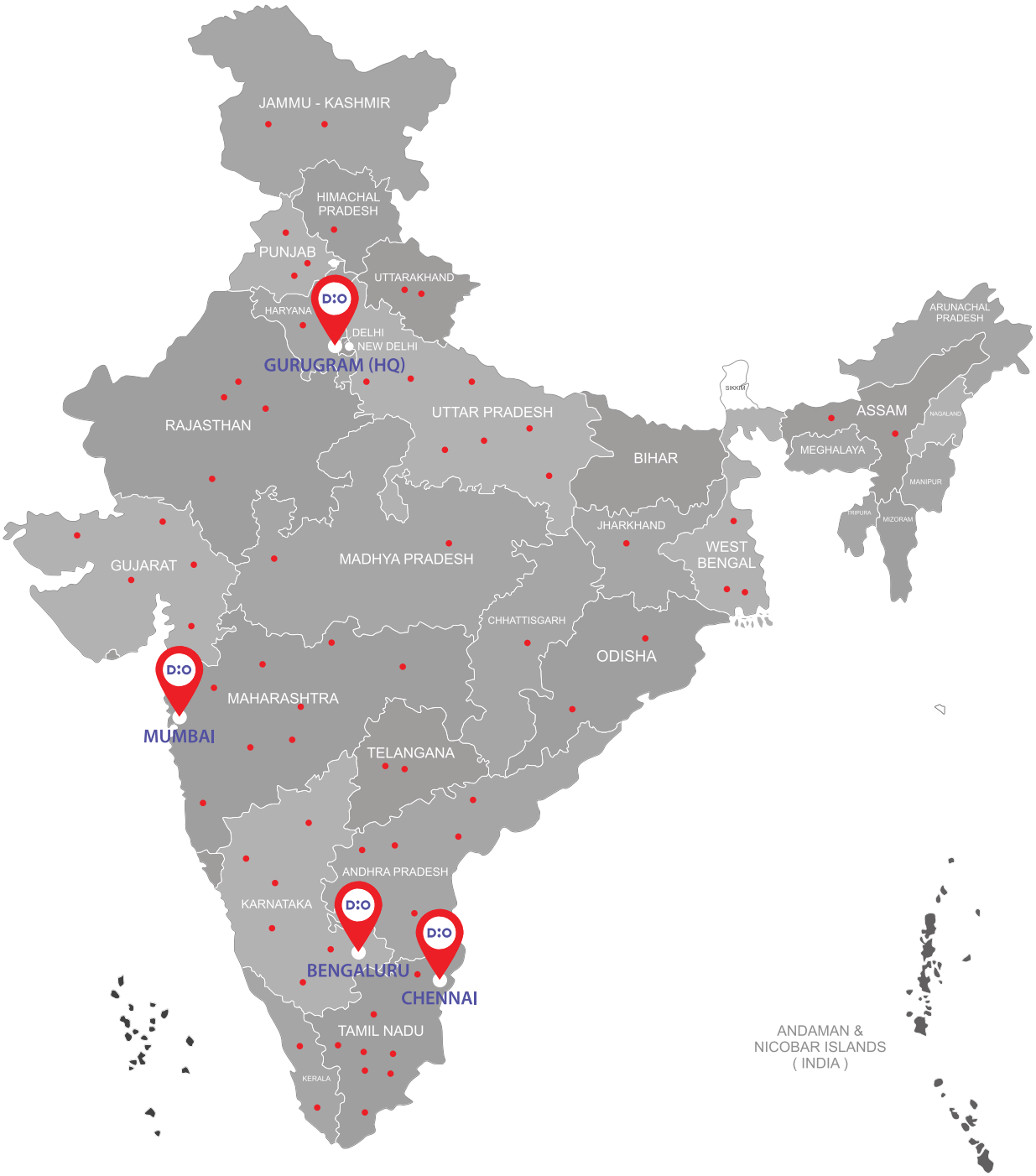


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# Indian Network

- DIO Presence
- Branch Offices



# Beyond implant,
# Dental Solution Creator



DIO India Catalogue ver. 2.0 SAGA 2025.08.07

D:O IMPLANT

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