

ONEDAY BIOTECH IMPLANT SYSTEM

High technology, Wide compatibility, Excellent stability.



ONEDAY BIOTECH IMPLANT SYSTEM



Since 2016, **Exports to 30 countries worldwide**



2023 Product Catalog Rev. 05





Mission & Vision

Onedaybiotech seeks to contribute to human health by distributing easy-to-use implants around the world at an affordable cost and enabling many people to use our implants.

Oneday biotech's speedy and easy surgery techniques allow predictable and rapid healing of surgical sites. This in turn brings satisfaction to both patients and dentists. We are constantly developing dental implant products that will have proven clinical success and efficacy.

Our efforts to improve the manufacturing and distribution process of dental implants will also greatly enhance our efforts to make dental implants more readily available to a wider patient base throughout the world.

Oneday biotech's commitment is to achieve company growth based on our clients' clinical success and to that end, we will constantly strive to meet the needs of our clients.

2022	 12 A million-dollar export award 06 Innoviz selection 05 Re-designation of venture cor 04 Establishment of an affiliated
2021	05 Change name from IDO Implan03 European CE Acquisition
2020	12 U.S. FDA approval12 Major Shareholder Change "C
2019	11 IGC Quality Management Syst07 Approval of Ukraine Permissio07 Mexico UDEM EC Certification
2018	 04 Approved by the Food and Dru 02 A member of the Korea Interna 01 R&D Center Approval 01 Imported Medical Device Regi
2017	 11 Start selling dental implants 09 GMP Import Authentication 08 Import of Medical Device Regi 06 Medical Device Registration A 03 GMP Authentication
2016	05 Application for Medical Device 01 Establish IDO Biotech Co, Ltd.,



History

enture companies affiliated research institute

DO Implant to ONEDAYBIOTEC sition

Change "One Day Holdings"

ment System Certification Permission ertification

od and Drug Administration rea International Trade Association al evice Registration Class 2

evice Registration Act (Export)

istration Agency

ical Device Registration

Implant Flow

Abutment Screw Multi Unit Scre T UCLA CCM Transfer Abutment Angled Abutment Milling Abutment tic Cylinder Titanium Temporary Cylinder Cylinder Plas Digital Lab Analog Lab Analog Lab Analog Pick-up Impressio Coping ransfer Impres Coping Scan Body Multi-Unit Abutme Cover Screw Temporary Abutment Healing Abutment Healing Cap

Fixture-Mini

Fixture-S

Fixture-MT ACT

SLA Surface

MT ACT Fixture



Sem Mag: 30X

S.L.A Surface

S.LA. surface is excellent in morphology and its roughness [Ra-1.8um -2.5um] gives a great integration.

It has 50% more rough surface area and has a higher retention strength than RBM. It improves the attachment and growth of bone cells which enhances the rate of osseointegration. Limited insertion torque: 40Ncm

Limited insertion torque: 40Ncm



Sem Mag: 5000X

Sem Mag: 30X

X3000

X5000



Safe surface with no residual acid Safer than other implants(Proved by ICP/ IC Analysis)

Characteristics of MT Active Implant System

Characteristics of S Implant System



Variable thread design

Micro rings for prevention of alveolar crest cortical bone resorption Double thread design enables bone condensing properties and highest primary stability. Apical blades enables the changing of direction for optimal restorative position Expanding tapered body acts like a threaded osteotome: enables narrow ridge expansion and is designed to get high stability in compromised different bone a : Apical V Thread / b : Thinner square Thread / c : Thick squared Thread

Excellent soft tissue response •

S-line helps for natural mergence profile

Platform switching •

Help prevent crestal bone loss Increase the volume of soft tissue Improve the aesthetic end result

Reverse Taper

Allow for maximum cortical bone volume around implant for improved soft tissue support, Decrease Stress in cortical area to long-term bone loss

11° morse taper connection

Strong sealed Connection fixture and abutment

Micro rings Prevention of alveolar crest bone resorption

2.5 Hex connection •

Dual Contact

Rounded Apex

Protection of the sinus floor, nerve canal and other important anatomical structure during surgery



Primary stability increase bone to implant contact Faster insertion while protecting bone structure Enables bone condensing properties and highest primary stability



Platform switching

Help prevent crestal bone loss Increase the volume of soft tissue Improve the aesthetic end result

Bevelled shoulder -

11° morse taper connection Strong sealed Connection fixture and abutment

2.5 Hex connection

Dual Contact

and 0.4mm rest provides the best primary stability even soft bone

Double thread

Protection of the sinus floor, nerve canal Primary stability Increase bone to implant contact Faster insertion while protecting bone structure and other important anatomical structure Enables bone condensing properties during surgery and highest primary stability

Excellent soft tissue response

S-line helps for natural mergence profile

Repatition of the force in cortical bone Facilitates bone growth above the shoulder



Rounded Apex

Reference Data



Open journal of Stomatology, 2020, 10, 121-139 https://www.scirp.org/journal/ojst ISSN Online: 2160-8717 ISSN Print: 2160-8709

I Do Biotech Dental Implants: Prospective Multicentric Study after 5 Years of Functional Loading

Abstract

Introduction: I Do Biotech's implants were developed starting in 2014. Since then, they obtained GMP and KFDA licenses for distribution in 2015. The main objective of this paper is to determine the survival rate of I Do Biotech implants five years after the first surgery. Material and Methods: 1000 implants were used on 480 prostheses across 10 clinics on 320 healthy, non-smoker and non-diabetic patients, chosen at random, of which 160 are male and 160 female, all in the age range of 30 to 50 years old. The failure rate was studied related to the patient's gender, the length and diameter of the implant, anatomical location, the percentage of peri-implantitis, prosthodontic failures and the patient's quality of life. Discussion: The results obtained are similar to those of Van Steenberghe D. Dieter-Busenlechner, E. Serrano Catauria and far superior to those of S⊠enz Guzm⊠n. Failure rates vary greatly from study to study due to the heterogeneity of the samples in the other research papers. Conclusion: The overall implant failure rate at 5 years is 1.7%. The factors affecting significantly the survival rate are: the implant diameter, its length and the anatomic area. Failure ratios increase significantly when the diameter or the length of the implant decreases, and when they are placed in the posterior maxilla (up to 4.3%). The rate of peri-implantitis is 5.1%. The prosthodontic failure rate is 2.91%. The improvement in guality of life and satisfaction increases with the years.

5. Conclusions

The failure rate of the I Do Biotech implant after 5 years was 1.7%. It increases up to 4.3% when the length of the implant or its diameter decreases, and when it is placed in posterior areas.

The failure rate of the prosthesis after 5 years was 2.91%.

The rate of peri-implantitis after 5 years was 5.1%.

No significant differences were found between both genders, so it can be said that gender does not influence failure rates.

With a statistically significant difference, the highest failure rates were seen with short implants, smaller diameter, and located in the posterior areas of the maxilla.

The quality of hygiene decreases over the years and the rate of peri-implantitis increases.

The roughness of the I Do Biotech implant is ideal for increasing the rate of osseointegration without increasing the rate of peri-implantitis.

The conical form of the I Do Biotech implant connection guarantees the stability of the prosthesis.

The perception of improved quality of life and patient satisfaction grows over the years.

As this was a prospective study with highly selected patients and dentists, it is not possible to transfer this data to the general population, as it is limited to the I Do Biotech implant used in optimal conditions.



Dental Implants, Titanium, Morse Taper, SLA Surface, Multicentric Study, Peri-Implantitis, Prosthodontic Failures, Study after 5 Years of Loading, Quality of Life



Quality & Certifications

C

Optimized design for a wide range of clinical cases

Design and development reflecting the know-how of clinical experts enables the selection of the design suitable for the patient's various clinical cases and enables the technician to perform the correct procedure and heal quickly



Applying differentiated SLA surface treatment

Rapid osteointegration and biocompatibility with human bones are showed in SLA special treatments on implant surfaces.





Excellent durability and quality without worrying about breakage

It can be used semi-permanently with the finest titanium material and strict quality control of the American company Carpenter



11° Morse Taper Connection

Excellent design capability and precise processing technology provide superior level of tightening precision to show stable durability





Part 1

Implant

- 14 Mini Fixture
- 15 Mini Healing Abutment
- 16 S Fixture
- 18 MT-ACT Fixture
- 20 Scan-Mounter Implant
- 22 Healing Abutment
- 24 Transfer Abutment
- 26 Angled Abutment
- 28 Milling Abutment Temporary Abutment UCLA CCM
- 29 ONEDAYcator
- 30 Multi-Unit Abutment
- 32 Impression Coping
- 33 Digital Component

Mini Fixture

Mini Healing Abutment









Ø4.2 M G/H [mm] 2 3 4 5 Height Model









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S Fixture











Ø 6.0			
R			
L[mm]	7 (5.5)	7	8.5
Model	S6006	S6007	S600





MT-ACT Fixture











PART 1

Scan-Mounter Implant

Fixtu	ire D	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0	Ф6.0	Ø 7.0
	7mm	S3807M	S4007M	S4507M	S5007M	S6007M	S7007M
Length	8.5mm	S3808M	S4008M	S4508M	S5008M	S6008M	S7008M
	10mm	S3810M	S4010M	S4510M	S5010M	S6010M	S7010M
	11.5mm	S3811M	S4011M	S4511M	S5011M	-	-

Scan Mount Abutment



SM5542

Bar Scan Body

Model



SM5522



SM5562

HEX 1.2 -| |-

Healing cap

Ø 5.8

H[mm] 2 4 7

MSHC02 MSHC04

MSHC07

Model

Scan Mount Driver

Remove Driver







Model	Туре
SMDR	Ratchet
SMDM	Machine

Model	Туре
SMRD	Ratchet

Healing Abutment









Ø	5.5							
•	R	Y	Y					
G/H	[mm]	0.5	1	2	3	4	5	6
He	ight	1	2	3	4	5	6	7
Mo	odel	SHA5501	SHA5502	SHA5503	SHA5504	SHA5505	SHA5506	SHA5507

Ø 6.0							
R		Y					
G/H [mm]	0.5	1	2	3	4	5	6
Height	1	2	3	4	5	6	7
Model	SHA6001	SHA6002	SHA6003	SHA6004	SHA6005	SHA6006	SHA6007



	V			
2	3	4	5	6
3	4	5	6	7
46503	SHA6504	SHA6505	SHA6506	SHA6507

Transfer Abutment



R Hex 2.5

0

*Non-Hex Order : Write "N" as the last Character, ex) MTA4053N

Ø 4.0				
M	ļ		3	
G/H [mm]	1	2	3	4
H 5.5	MTAN4051H	MTAN4052H	MTAN4053H	MTAN4054H
H 7.0	MTAN4071H	MTAN4072H	MTAN4073H	MTAN4074H











	-		
	3	4	5
52H	MTA4553H	MTA4554H	MTA4555H
572H	MTA4573H	MTA4574H	MTA4575H

	3	4	5
)52H	MTA5053H	MTA5054H	MTA5055H
)72H	MTA5073H	MTA5074H	MTA5075H

	3	4	5
552H	MTA5553H	MTA5554H	MTA5555H
572H	MTA5573H	MTA5574H	MTA5575H

	3	4	5
)52H	MTA6053H	MTA6054H	MTA6055H
)72H	MTA6073H	MTA6074H	MTA6075H

Angled Abutment



*Non-Hex Order. : Write "N" as the last Character, ex) MAA4023N

Ø 4.0	//		
M		V	
G/H [mm]	2	4	
Height	MAAN4012H	MAAN4014H	

Ø 4.0		//	//]//
R	4		Ű	Ű
G/H [mm]	1	2	3	4
Angle 15°	MAA4011H	MAA4012H	MAA4013H	MAA4014H
Angle 25°	MAA4021H	MAA4022H	MAA4023H	MAA4024H

Ø 4.5	
R	
G/H [mm]	1
Angle 15°	MAA4
Angle 25°	MAA4



Ø 6.0				
R				
G/H [mm]	1	2	3	4
Angle 15°	MAA6011H	MAA6012H	MAA6013H	MAA6014H
Angle 25°	MAA6021H	MAA6022H	MAA6023H	MAA6024H



	2	3	4
011H	MAA5012H	MAA5013H	MAA5014H
021H	MAA5022H	MAA5023H	MAA5024H

Milling Abutment



Ø 4.0	G/H	1	2	3
R	Model	MMA4019	MMA4029	MMA4039
Ø 5.0	G/H	1	2	3
R	Model	MMA5019	MMA5029	MMA5039
Ø 6.0	G/H	1	2	3
R	Model	MMA6019	MMA6029	MMA6039

Temporary Abutment



Ø 4.5	Туре	Hex	Non-Hex
R	Model	MTA4511H	MTA4511N

UCLA CCM



ONEDAYcator













PART 1



Impression Coping Pick Up



• Healing Cap



• Multi-Unit Scan Body



• Impression Coping Transfer

Length



Height	5.5
Model	MUICT

• Analog

Ø 4.8 R	Diameter Length
Height	11.1
Model	MUA

• Driver





MUAD

Impression Coping

Ø 4.0
 Ø 4.5
 Ø 5.5

Digital Component

• Scan Body



Lab Analog

Length L 12mm L13mm M Ø 3.0 LAB002 -**R** Ø 4.2 LAB001 -

• Ti Base



• Transfer

• Pick-Up

Length



Length

.0	L 15mm	L 19mm	Hex
	-	ICT404L	1.7
.5	ICT45HS	ICT55HS	25
.5	ICT55HS	ICT55HL	2.0

L 15mm

ICP45HS

ICP55HS

_

L 19mm

ICPN404L

ICP55HL

ICP55HL

Hex

1.7

2.5

• Intraoral Scan Body



• Digital Lab Analog



• Ti Blank Type





Part 2

KIT & Instruments

- 36 Compact KIT
- 37 Complete KIT
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- 66 All-in-one KIT
- 69 Universal Prosthetic

Compact KIT

Complete KIT





PART 2 -

KIT Instrument

1) Lindermann Drill



Model	D1
LD2015	Ø 2.0
LD2715	Ø 2.7

4) Fixture Drill



D (Fixtu	1 ire D)	Ф3.0 (F3.8)	Ф3.2 (F4.0)	Ф3.8 (F4.5)	Ф4.3 (F5.0)	Ф5.3 (F6.0)	Ф6.3 (F7.0)
	7	TD3070	TD3270	TD3870	TD4370	TD6070	TD7070
	8.5	TD3085	TD3270	TD3885	TD4385	TD6085	TD7085
L1	10	TD3010	TD3210	TD3810	TD4310	TD6010	TD7010
[mm]	11.5	TD3011	TD3211	TD3811	TD4311	-	_
	13	TD3013	TD3213	TD3813	TD4313	-	-
	15	TD3015	TD3215	TD3815	TD4315	_	_

2) Twist Drill



Model	D1
TD2015	Ø 2.0
TD2715	Ø 2.7

5) Profile Drill



Ø 4.0

Ø 4.5

Ø 5.0

Model No.	PD38
Dia. [mm]	Ø 3.8

3) Stopper



Model	D1	L1	Drilling Depth
TWS07		11.5	7
TWS08		10	8.5
TWS10	Ø 4.0	8.5	10
TWS11		7	11.5
TWS13		5.5	13

KIT & Tools



KIT Instrument

6) Fixture Driver



Model	L1	Туре
FD17RS	14	Mini
FD17RL	19	Ratchet
MDRXS	9	
MDRS	14	Ratchet
MDRL	19	
FD17MS	10	Mini
FD17ML	15	Machine
MDMXS	5	
MDMS	10	Machine
MDRL	15	

9) Bone expander



10) Parallel pin



Model PP2022

7) Screw Driver



Model	L1	Туре
SDH1210S	10	Databat
SDH1215L	15	Raichei
SDM1210S	11	Maahina
SDM1215L	16	IVIACI III IE

12) Torque Wrench



8) Drill Extension

	DE5630	-
L2	_	
	L1	

Model	L1	L2
DE5530	27	13

13) ONEDAY 10 Driver



Model	D
BE28	Ø 2.8
BE35	Ø 3.5

11) Depth Pin



Model
DP25

Model	Torque (Max)
TW	0 - 40Ncm

Model	Torque(Max)
ONEDAY 10	0-20Ncm

Surgical Drilling Sequence for S-Fixture



Mini implant protocol



Soft Bone drilling protocol for S fixture



Hard Bone drilling protocol for S fixture





Bone Level Drilling protocol



Under Bone Level protocol for S fixture



Surgical Drilling Sequence for MT-Act Fixture

MT-Act Fixture Drill Fit -

MT-Act 4.0mm x 10mm using TD3210 drill



Soft Bone drilling protocol -



Hard Bone drilling protocol



Fix.D	Bone Density	First Guide Drill	Twist Drill Final Drill			Profi	Ile Drill			
		Linderman Drill			TOOLO T					
		Ø 2.0	Ø 2.0	Ø 2.7	Ø 3.0	Ø 3.2	Ø 3.8	Ø 4.3		
Ø 3.8	Hard Normal Soft	•		•	•				Ø 3.8	•
Ø 4.0	Hard Normal Soft	•		•	•	•			Ø 4.0	•••
Ø 4.5	Hard Normal Soft	•		•		•	•		Ø 4.5	•
Ø 5.0	Hard Normal Soft	•		•		•	•		Ø 5.0	•

MT-Act Fixture use Profile Drill



Soft Bone (D3~D4) Hard Bone (D1~D2)

Bone Level protocol



Under Bone Level Drilling protocol



One Drill KIT

One Drill KIT Plus





One Drill KIT Instrument









G	ODS10S	ODS11B	ODS13M
	10mm	11.5mm	13mm
	8mm	6mm	5mm

7) Opener



One Drilling Sequence for S Fixture







		Counter Sink				
045	050	02.8	0.40	S ¥0	02.0	
) 4.5	Ø 5.0	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0	
		•				
			•	•		
				•	•	
•	•				•	

Oneday guide KIT

Oneday guide Sinus KIT



Sinus Drill GSD3217 GSD3218 GSD3219 **OnedayGuide Sinus KIT** Ø3.2 Sinus Drill Drill Stopper 8 7 9 5 GDS04Y GDS05G GDS06S GDS07B GDS08M 12 B Ξ 10 F

GDS09Y

GDS10G

GDS11S

GDS12B



HAN10100

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Oneday guide KIT Instrument

1) Tissue punch

2) Bone Flat Drill



L2

Т	Щ		
		Γ	Mode
12mm		10.5mm	GBF35
	T		

13mm

Ø 3.2

Ø 3.5

nm	GBF35	Ø 3.5	10.5mm

D1

L1

L2

12mm

Model

GT32

3) Path Drill





Model	D1	L1
GP2006	Ø 2.0	6mm
GP2606	Ø 2.3 /2.6	6mm

5) Profile Drill







4) Initial Drill

Model	Length
GID2007	7mm
GID2008	8.5mm
GID2010	10mm
GID2011	11.5mm
GID2013	13mm
GID2015	15mm
GID2016	16mm
GID2017	17.5mm

Model	D1
GPD30	Ø 3.0
GPD33	Ø 3.3
GPD38	Ø 3.8
GPD40	Ø 4.0
GPD45	Ø 4.5
GPD50	Ø 5.0



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Oneday guide KIT Instrument

6) Final Drill

 Fixture Dia.
 F3.3
 F3.8
 F4.0
 F4.5
 F5.0

 (D1)
 (D2 7)
 (D3 0)
 (D3 2)
 (D3 8)
 (D4 3)

(D1)		(Ф2.7)	(Ф3.0)	(\$\$.2)	(\$\$.8)	(Ф4.3)
	7	GFD2707	GFD3007	GFD3207	GFD3807	GFD4307
	8.5	GFD2708	GFD3008	GFD3208	GFD3808	GFD4308
	10	GFD2710	GFD3010	GFD3210	GFD3810	GFD4310
L1	11.5	GFD2711	GFD3011	GFD3211	GFD3811	GFD4311
[mm]	13	GFD2713	GFD3013	GFD3213	GFD3813	GFD4313
	15	GFD2715	GFD3015	GFD3215	GFD3815	GFD4315
	16	GFD2716	GFD3016	GFD3216	GFD3816	GFD4316
	17.5	GFD2717	GFD3017	GFD3217	GFD3817	GFD4317

7) Bone Profiler



8) Fixture Driver



Model Connection		Туре
BP40	Mini	Machine
BP50	Regular	Machine

Model	Connection	Туре
FDM1709	Mini	Machine
FDR1712	Mini	Ratchet
FDM2509	Regular	Machine
FDR2512	Regular	Ratchet

Oneday guide KIT Instrument

Ø1.5 X 13

9) Anchor System



Model	Anchor Drill	Anchor Screw	Anchor Adapter
Model No.	AD1513	AS1613	AD2110
Length	13	13	10

11) Screw Driver







10) Adapter Extension



Model	Туре
AEM6508	Machine
AER6508	Ratchet

12) Torque Wrench



Model	Length	Туре
SDH1215L	15	Hand
SDM1210S	10	Machine
SDM1215L	15	Machine
SDHS1215S	15	Ratchet
SDHS1220L	20	Ratchet

Model	Torque(Max)
TW	0- 40Ncm

Oneday guide Sinus KIT Instrument

4) Membrane Lifter Carrier

1) Sinus Drill



	Φ]
	0	

Model	Length
GSD3217	17
GSD3218	18
GSD3219	19
GSD3220	20
GSD3221	21

5) Depth Gauge



2) Drill Stopper



Model GDS04Y GDS05G GDS06S GDS07B GDS08M GDS09Y GDS10G GDS11S GDS12B GDS13M 4mm 7mm 10mm 12mm 13mm Stopper Length 5mm 6mm 8mm 9mm 11mm

3) Membrane Lifter





6) Bone Condenser



7) Handle



Model

GMLC

Model

GDG2819

Model

GBC2819

() ONEDAYBIOTECH

Model

HAN10100

Oneday Guide Drilling Sequence for S-Fixture



Fixture	Bone	Tissue	Bone Flat	Path	Initial	Final	Drill
Tixture	Density	Punch	Drill	Drill	Drill	Ø 2.7	Ø 3.0
Ø 3.0	Hard Soft & Normal	•	(•	•		
Ø 3.3	Hard Soft & Normal	•	(•) (•)	•	•	•	
Ø 3.8	Hard Soft & Normal	•	(•) (•)	•	•	•	•
Ø 4.0	Hard Soft & Normal	•	(•) (•)	•	•	•	
Ø 4.5	Hard Soft & Normal	•	(•)	•	•	•	
Ø 5.0	Hard Soft & Normal	•	(•) (•)	•	•		•



	Final Drill		Profile Drill		Fixture	Driver	Bone
Ø 3.2	Ø 3.8	Ø 4.3	(Hard Bo	ne Case)	Machine	Rachet	Flatter
			-	Ø 3.0	•	•	(•) (•)
			-	Ø 3.3	•	•	(•) (•)
			-	Ø 3.8	•	•	(•) (•)
•			-	Ø 4.0	•	•	(•) (•)
•	•		-	Ø 4.5	•	•	(•) (•)
	•	•	-	Ø 5.0	•	•	(•) (•)

Oneday Guide Drilling Sequence for MT-Active Fixture



Fixturo	Bone	Tissue	Bone Flat	Path	Initial	Final	Drill
Fixture	Density	Punch	Drill	Drill	Drill	Ø 2.7	Ø 3.0
Ø 3.0	Hard Soft & Normal	•	(•) (•)	•	•		
Ø 3.3	Hard Soft & Normal	•	(•) (•)	•	•	•	
Ø 3.8	Hard Soft & Normal	•	() (•	•	•	•
Ø 4.0	Hard Soft & Normal	•	(•) (•)	•	•	•	•
Ø 4.5	Hard Soft & Normal	•	() (•	•	•	
Ø 5.0	Hard Soft & Normal	•	(•) (•)	•	•		•



	Final Drill		Profile Drill		Fixture	Driver	Bone
Ø 3.2	Ø 3.8	Ø 4.3	(Hard Bo	ne Case)	Machine	Rachet	Flatter
			•	Ø 3.0	•	•	(•) (•)
			•	Ø 3.3	•	•	(•) (•)
			•	Ø 3.8	•	•	(•) (•)
-			•	Ø 4.0	•	•	(•) (•)
•	-		•	Ø 4.5	•	•	(•) (•)
	•	-	•	Ø 5.0	•	•	(•) (•)

All-in-One KIT



• Bone Chip Maker [Bone Collector]

- 1. Can collect autogenous bone powders at the same time preparing for implant osteotomy site
- 2. Safety stoppers can be installed (5,710, 11.5mm)
- 3. Maximized bone collection possible even with the irrigation





• Fixture Removal 1. An excellent combination of Fixture Removers and Trephine Burs for all eventualities

- 2. Remover bur removes implants without bone loss
- 3. One Remover fits all sizes of implants.
- 4. Strong and durable.



Bone Crester

Maintains the initial stability of implant and increases success rate of implant By minimizing the stretch of the ridge when multi-implanting in narrow bone. 1. Prepare along the ridge to the desired length using the saw. 2. Deepen the saw cut with the chisels to make space for Spreader. 3. Insert 2 or more Spreaders as required. 4. Expand the bone gradually by adjusting each spreader screw little by little.



Mr. Curette
SPC-04 6mm Straight



Screw Removal

1. Select the appropriate

"Certain Guide" for the damaged abutment.

2. Attach the "Certain guide" using the Guide Holder. (SRG-H)

3. In Reverse, use The Screw Remover Drill to prepare a channel in the broken screw. The "Certain Guide" will ensure the channel is in the correct place.

4. Also in Reverse, use the Tap drill to remove the broken screw

All-in-One KIT

Universal Prosthetic KIT

• Hydro Lateral and Crestal Sinus Lifting

- 1. A lateral Maxillary window can be created efficiently with the Lateral Drills.
- 2. For Crestal approach. First use the Crest drill with appropriate depth stop until the last 1mm
- 3. Finish the last 1 mm with Crest Reamer with 1mm depth stop attached joined The Crest Reamer is made of diamond particles to avoid snagging the membrane.
- 4. Use sinus lift instruments to lift up the sinus membrane.



• Hydro Lift System

- 1. Lifting the sinus membrane with hydraulic pressure thru crestal approach
- 2. Use the proper size Aqua tip for the osteotomy site and push the syringe with MCTbio Patented aqua syringe holder by turning the black knob.

This will allow the continuous and steady pressure to safely lift the membrane without tearing up. (minimum 3mm of residual bone)



SPL-05



Crester Drill

Lateral Drill







• Kit Includes :

- Adjustable Torque Wrench (10-40 Ncm)
- Driver Tip: Long 15mm, Short 10mm (1 short and 1 long per type)

O 1.2mm Hex(Green)	Q 1.25mm Hex(Blue)	☆ ITI/SCS(Purple)	☆ Star/Unigrip(Yellow)
Cont.	Carlo I	City .	City .
NobelBiocare 3i, Keysone, Hiossen/Osstem, MegaGen, Dentium	Zimmer, Astra, Biohorizons, Intra-Lock, MIS, Implant Direct Dentis	Straumann SCS	NobelBiocare Active & Ungrip Screw, Neoss

Accessories :

▶ Extra Long (25mm) Driver Tip Available

Length	O 1.25mm Hex (Blue)	○ 1.25mm Hex (Blue)	☆ ITI/SCS (Purple)	☆ Star/Unigrip (Yellow)
25mm	IHEDR1225	IHEDR12725	ISCDR1725	IUNDR1725
15mm	IHEDR1215	IHEDR12715	ISCDR1715	IUNDR1715
10mm	IHEDR1210	IHEDR12710	ISCDR1710	IUNDR1710

SKU # for Individual Driver Tip



Part 3

Dental Equipment

- 72 Plasma Treatment Equipment
- 74 Implant Motor
- 75 Torque Driver
- 76 Intra-oral Scanner
- 77 Face Scan
- 78 3D-Printer
- 79 Milling Machine

EXPlasma nano

EXPlasma nano

TECHNICAL SPECIFICATION Size : 150 X 354 X 267 mm Weight : 8kg Cycle time : 60~120 sec



Hydrocarbon Removal

When the maximum torque setting is reached during motor operation, the motor rotates in reverse at a speed of 20 rpm. When the foot is on the footrest switch, the motor stops and presses again to drive forward rotation.



Before the Treatment

After the Treatment

Plasma One

Plasma treatment

- Super-clean surface
- Hydrophilic to attract blood
- Enhanced osseointegration
- Higher blood attractability for bone graft



01	Plasma one is a novel vacuum plasma device to ren bons which contributes to enhance osseointegrati
02	Bio-RAP [™] cycle of ACTILINK has been validated to differentiation of osteoblast cells as well as the ads
03	Plasma one makes high-performance implant surfa * Bio-RAP™M (Regenerative Activation by Plasma)

TECHNICAL SPECIFICATION Size : 168 X 340 X 254 mm Weight : 6kg Cycle time : 50 sec

a device to removes contaminants such as hydrocarosseointegration efficacy of implant fixture.

n validated to increase attachment, proliferation, and well as the adsorption of protein.

implant surfaces more perfect. n by Plasma)

Implant motor

Implant Surgical Engine

- Sterilizable and Reusable Irrigation tube
- Auto calibration function
- Max 80N.com (32:1 gear handpiece) - It shows LED functioning within motor
- during the motor operation
- Program modes
- Memory function
- Optic motor

TECHNICAL SPECIFICATION Size: 285X250X120mm Max.Speed:~40,000rpm

Torque Driver

Electric Wireless Torque Driver

rpm 60

- Accurate & Fast
- Reliable & Strong
- User Friendly



Thread Cutting Function

When the maximum torque setting is reached during motor operation, the motor rotates in reverse at a speed of 20 rpm. When the foot is on the footrest switch, the motor stops and presses again to drive forward rotation.







TECHNICAL SPECIFICATION Size : 30 X 28 X 200 mm Weight: 150g Speed range : 5,10,15,20,25,30,35 N.cm ± 10%



OnedayDent Scanner

OnedayDent Scanner

- No Powder
- (You can scan comfortably without powder)
- HD Scanning
- Fast Speed
- Accurate Scanning

TECHNICAL SPECIFICATION Size : 263.5 X 43 X 49.4 mm Weight: 280g (only handpieceweight)

Face Scan

Face Scan

- 0.5-second one-shot quick scan
- Full DSD (Digital Oral Design) solution helps a more accurate diagnosis
- Delivery of accurate data and requirements for dental laboratories





O1 Open System

It supports an open type file format that is compatible with any device and allows collaboration with dental labs and other partners.

02 Full Color

in the mouth. It provides a real color scan that can distinguish between teeth and soft tissue

03 Ergonomic Design

Stable center of gravity design and grip feeling for user consideration make scanning more comfortable.

- 01 Various uses, infinite possibilities
- 02 Outstanding Product Design
- **03** Open system to support diverse environments

3D Printer

RAYDENT Studio 600

- Fast Printing

- High Accuracy
- Powerful Solution
- Chair Side
- XY Resolution at 47 µm
- Thickenss 50,100 µm

TECHNICAL SPECIFICATION Size : 310 x 210 x 370 mm 12.2 X 8.3 X 14.6 in Weight 6.5kg / 14.3 lbs Operating 5 ~ 35 ℃ Temperature 41 ~ 95 °F

Milling Machine

The highest precision dental milling machine

- SThe best Milling Machine for dental clinics
- Easy tool change & Easy maintenance
- Internal circulation system



01 Temporary crowns and bridges Printing time 20-25 min

02 Surgical guides

Printing time 40-50 min / Half 25-30 min

03 Dental Models

Printing time 40-50 min



- **One visit treatment** We propose customized treatment for busy office workers and medical tourists. 02 Powerful Speed Inlay/Onlay whithin 9 mins & Single crown whithin 13 mins **03** Various materials & Various range of prosthetics - Various materials from resin hybrid block to Lithium disilicate block
 - Possible 3 bridge cases by 40mm block
 - Possible 300µm veneer

TECHNICAL SPECIFICATION Grinding Method : Driver controlling 4 + 2 Axis Two-way process by 2 burs at once Type : Grinding, Wet (Including air pump, water circulating system) Size: 696X590X568 mm Weight: 106kg

Milling Machine



5-Axis Zirconia, PMMA, Wax, Hybrid resin Optimized for Zirconia milling

ZX-5SD SPECIFICATION

Dimensions L/W/H(mm)	600X600X860
Weight	120kg
Electrical connection value	110/220V, 50~60Hz
Spindle(W)	500W
Motor speed(rpm)	30,000 min-1
Compressed air	6bar 50L/min
Tool holder(EA)	15
Chuck(mm)	4
Axes	5
Table	Option
Dust collector	Option





MATERIALS AND INDICATIONS

Indications	Zirconia	PMMA	WAX	Hybrid Ceramic	Sinter metal
Coping	0	0	0		0
Coping Bridge	0	0	0		0
Crown	0	0	0	0	0
Crown Bridge	0	0	0		0
Link Angle Abutment	0				
Link Abutment	0	0	0		
Abutment Crown	0	0	0		0
Abutment Crown Bridge	0	0	0		0
Inlay /Onlay	0	0	0	0	
Bitesplint		0			
Partial Frame		0			
Veneer	0				



Optimized for Custom abutment milling

ZX-5SW SPECIFICATION

Dimensions L/W/H(mm)	600X600X880
Weight	123kg
Electrical connection value	110/220V, 50~60
Spindle(W)	500W
Motor speed(rpm)	30,000 min-1
Compressed air	6bar 50L/min
Tool holder(EA)	15
Chuck(mm)	6
Axes	5
Table	Prepared
Coolant water tank	Prepared



MATERIALS AND INDICATIONS

Indications	Titanium & CoCr	Pre-milled	PMMA	WAX	Hybrid Ceramic
Coping	0		0	0	
Coping Bridge	0		0	0	
Crown	0		0	0	0
Crown Bridge	0		0	0	
Abutment (Cylinder Stock)		0			
Abutment Crown	0		0	0	0
Abutment Crown Bridge	0		0	0	
Inlay /Onlay				0	0
Bitesplint			0		
Bar					

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Part 4

GBR & Materials

- 84 Allograft
- 85 Xenograft
- 87 3D Printing Materials
- 88 Mucogen

Allograft

Allograft OnedayOss-A

Xenograft



EQUIMATRIX Collagen

- Accurate & Fast

- Reliable & Strong
- User Friendly

EQUIMATRIX

Advantages

No risk of infection from Strict donor management at the human tissue bank Use low-temperature method to minimize loss of osteogenic factors Optimized design of growth factors and other proteins and minerals Excellent result due to optimal osteoinduction and osteoconduction

OnedayOss-A

Cortical & Cancellous Bone

CC	Product Code	Bone Ratio
0.3 0.6 1.0	TBB51097 TBB55097 TBB54097	Cortical Bone 50% Cancellous Bone 50%

Syringe



- Accurate & Fast - Reliable & Strong

- User - Friendly

TECHNICAL SPECIFICATION Size : 30 X 28 X 200 mm Weight : 150g Speed range : 5,10,15,20,25,30,35 N.cm ± 10%

TECHNICAL SPECIFICATION Size : 30 X 28 X 200 mm Weight : 150g Speed range : 5,10,15,20,25,30,35 N.cm ± 10%

Xenograft

OCS-B



- It is composed of Cancellous bone, which allows stable bone volume formation through constant particle size, wide internal surface area, and interconnected porous structure.

PARTICLE SIZE / 0.2~1.0mm Cancellous(L)

- Bovine Bone (Cancellous 100%)

PARTICLE SIZE / 0.2~1.0mm Cancellous(S)

g	Product Code	g	Product Code
0.25	1-1020-025	0.25	1-1020-025
0.5	1-1020-050	0.5	1-1020-050
1.0	1-1020-100	1.0	1-1020-100
2.0	1-1020-200	2.0	1-1020-200

OCS-B Collagen



- Collagen-containing type for convenient use
- Excellent blood wettability and hydrophilicity to form many neoplasm
- Suitable for aesthetic use with stable renal bone formation and volume retention
- OCS B Xenomatrix's Bone 90%
- Highly purified Type 1 Collagen 10%

PARTICLE SIZE / 0.2~1.0mm Cancellous(S)

Dimension	Product Code
6 x 6 x 6 mm	CB-0110-010
7 x 8 x 9 mm	CB-0110-025
9 x 10 x 11 mm	CB-0110-050
	Dimension 6 x 6 x 6 mm 7 x 8 x 9 mm 9 x 10 x 11 mm

3D Printing Materials

RAYDENT C&B

For temporary crowns & bridges



The material is easy to clean and polish and compatible with general relining composite materials.

- Biocompatible Class IIa resin
- Water washable
- Low viscosity
- High abrasion resistance
- Breaking and flexural resistant
- Natural tooth shade
- Wavelength : 405nm

RAYDENT DM

For dental models



The material delivers a highly accurate Dental model for various dental purposes

- Low viscosity
- Prosthetic
- Orthodontic
- Thermoforming
- Wavelength : 405nm

RAYDENT SG

For surgical guides



The Surgical guides that enable accurate Drilling and implant placement, So they best assist your implant surgeries. The material is easy to clean and polish.

- Biocompatible Class I resin
- Water washable
- Low viscosity
- Breaking and flexural resistant
- Wavelength : 405nm

RAYDENT TRAY

For individual trays



The individual trays that a better fit than stock trays. Less impression material needed, and more accurate impression Because of a better fit. The material is easy to clean and polish.

- Biocompatible Class I resin
- Water washable
- Low viscosity
- Breaking and flexural resistant
- Wavelength : 405nm

Mucogen

Mouth Spray



Relieve Inflammation

stomatitis, mucous membrane in the mouth, inflammation around the mouth

Pain Treatment

Dental surgery wounds, braces, after implant, dental equipment (dentures, braces)

Wound Protection

After nose surgery, tonsil surgery, sinusitis, septum curvature correction

Hemostatic Vaginitis, after vaginal surgery

Information

No risk of infection from Strict donor management at the human tissue bank Use low-temperature method to minimize loss of osteogenic factors Optimized design of growth factors and other proteins and minerals Excellent result due to optimal osteoinduction and osteoconduction

Formulation Effectiveness

A transparent gel-like wound covering material. It is a spray-type adhesive transparent wounddressing covering material used to protect low effusion wound, and protects wound by forming a protective film in the form of a film after being applied to oral mucous membrane or wounds with low effusion.

Method of use

1. Press the nozzle 3 to 5 times.

2. Spray around the mouth ulcer. Dry for at least one minute afterward.

3. 30~60 minutes after injection. Do not consume any food or water.

- 4. Use it 3 times a day. (Additional use may be required.)
- 5. If it doesn't get better in 7 days, a medical examination is required.



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