

Where technology meets dentistry

PALTOP



PRODUCT CATALOG



CONFIDENT
SALES INDIA PVT LTD

TheCompany

PALTOP Advanced Dental Solutions Ltd. has become a well-established global player in the field of dental implantology.

Leveraging decades of collective experience and industry leadership in precision manufacturing and implant technology, the company manufactures premium cutting-edge implant components. Deeply committed to scientific R&D and heavily invested in state-of-the-art manufacturing equipment, PALTOP is renowned for its continuous introduction of advanced products of the highest quality standards.

Vast Medical Experience

Premium Cutting-Edge Products

Deeply Committed To Science

State-of-the-Art Manufacturing

Highest Quality Standards

Gateway to Digital Technologies

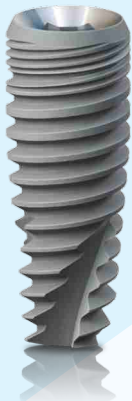




PALTOP strives to lead the change in modern dentistry. We believe in constant innovation, and won't settle for anything less than excellence. In a world with many choices, PALTOP's premium products and comprehensive digital solutions provide the Dentist with a complete package exceptional to the marketplace. You are invited to explore the technology behind our excellent products and services.

THREE IMPLANT LINES

ADVANCED+
SLIGHTLY ACTIVE APEX



The classic design with a slightly active apex for flexibility during insertion.

The Advanced Plus Implant incorporates crestal micro-thread for stress distribution, parallel walled midsection for minimum stress to the bone, and a slightly active apex with certain capabilities for implant adjustment and engagement.

ENHANCED STABILITY
Dynamic



A more aggressive thread design for increased initial stability in cases such as extraction sites.

The Dynamic Implant has a crestal micro-thread with a parallel walled midsection, more aggressive threads in the apical section and an active apex that allows for enhanced bone engagement for indications such as immediate extraction socket and immediate loading.

PCA
PALTOP CONICAL ACTIVE



'Advanced Plus' Design with a conical connection

The PALTOP Conical Implant has the body of the Advanced Plus implant with a conical connection design for maximum sealing in order to protect against bacterial and endotoxin leakage .

PALTOP



Packaging

Packaged to Stay Clean

PALTOP dental implants are delivered in uniquely designed protective packaging. In this superior quality packaging, the implant comes into contact only with titanium.

Packaged for Convenience

- ✓ Delivered sterile and ready for use
- ✓ Compact for easy of storage in dental clinic
- ✓ Effective performance for ease of handling and use



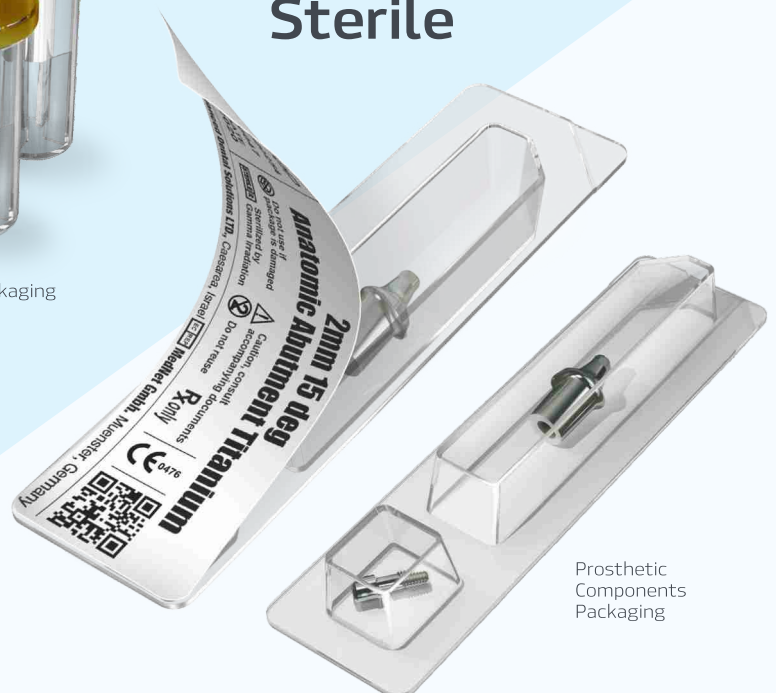
1. STYRON 637 Polystyrene
2. MARLEX 9006 Polyethylene
3. MARLEX 9006 Polyethylene
4. Titanium Alloy Ti 6Al4V ELI
5. Titanium Alloy Ti 6Al4V ELI



PCA Implant Line Packaging

Advanced Implant Line Packaging

All Paltop's Components are Delivered **Sterile**



Prosthetic Components Packaging



ADVANCED+

SLIGHTLY ACTIVE APEX



INTERNAL HEXAGONAL CONNECTION

MICRO THREADS to reduce bone stresses and minimize bone resorption

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

INITIAL STABILITY

7mm tapered progressive thread aimed to enhance initial stability by creating bone compression

+ SLIGHTLY ACTIVE APEX

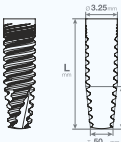

Allows easier insertion to the correct implant depth

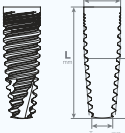

HIGH ESTHETICS

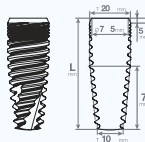

Platform shifting enables high esthetics via soft tissue management. It also reduces the amount of stress transferred from the abutment to the bone and helps to prevent bone loss due to high mechanical pressure

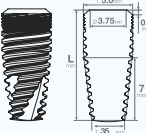

2 lead thread with optimal pitch of 0.8mm for fast implant insertion with better stability

NARROW PLATFORM		STANDARD PLATFORM					
3.25mm D		3.75mm D		4.2mm D		5.0mm D	
				6.0mm	20-70005P*	6.0mm	20-70011P*
		8.0mm	20-70017P	8.0mm	20-70006P	8.0mm	20-70012P
10.0mm	20-70018P	10.0mm	20-70001P	10.0mm	20-70007P	10.0mm	20-70013P
11.5mm	20-70019P	11.5mm	20-70002P	11.5mm	20-70008P	11.5mm	20-70014P
13.0mm	20-70020P	13.0mm	20-70003P	13.0mm	20-70009P	13.0mm	20-70015P
16.0mm	20-70021P	16.0mm	20-70004P	16.0mm	20-70010P	16.0mm	20-70016P

	
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ENHANCED STABILITY *Dynamic*



INTERNAL HEXAGONAL CONNECTION

MICRO THREADS to reduce bone stresses and minimize bone resorption

EASY INSERTION
Double lead thread with a reverse buttress profile with optimal 0.8mm thread pitch for fast implant insertion with better stability

AGGRESSIVE APICAL THREADS
allow for more aggressive bone engagement for indications such as immediate extraction sockets, poor bone quality, and immediate loading

CUTTING APEX for implant adjustment and engagement

HIGH ESTHETICS

Platform shifting enables high esthetics via soft tissue management. It also reduces the amount of stress transferred from the abutment to the bone and helps to prevent bone loss due to high mechanical pressure

SUPPORTING OSSEOINTEGRATION

Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact



NARROW PLATFORM		STANDARD PLATFORM					
3.25mm D		3.75mm D		4.2mm D		5.0mm D	
				6.0mm	21-70005*	6.0mm	21-70011*
		8.0mm	21-70017	8.0mm	21-70006	8.0mm	21-70012
10.0mm	21-70018	10.0mm	21-70001	10.0mm	21-70007	10.0mm	21-70013
11.5mm	21-70019	11.5mm	21-70002	11.5mm	21-70008	11.5mm	21-70014
13.0mm	21-70020	13.0mm	21-70003	13.0mm	21-70009	13.0mm	21-70015
16.0mm	21-70021	16.0mm	21-70004	16.0mm	21-70010	16.0mm	21-70016

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PROSTHETIC COMPONENTS



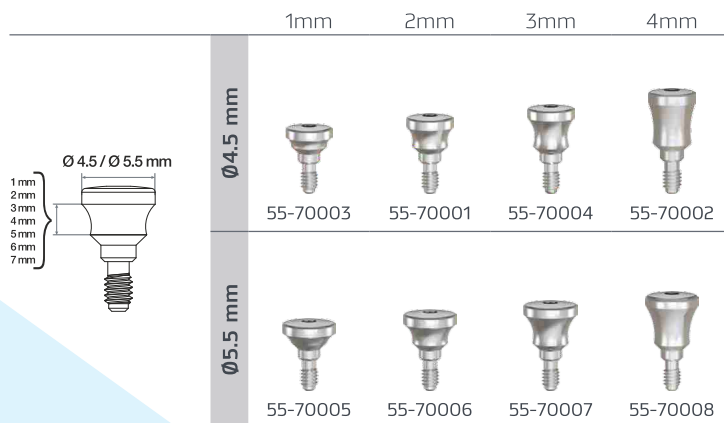
CONCAVE HEALING CAPS

Healing Caps are positioned at the rehabilitation site for a healing period of 6-12 weeks to help create the desired emergence profile of the standard and anatomic abutments. This prepares the site for abutment placement.

NARROW PLATFORM



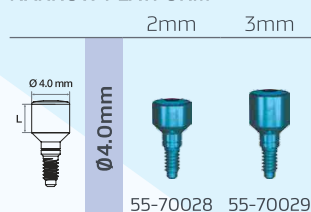
STANDARD PLATFORM



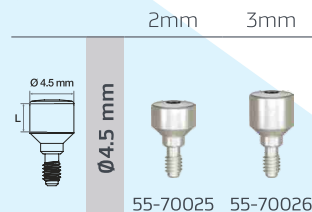
STRAIGHT HEALING CAPS

PALTOP Straight Healing caps are positioned at the top of the implant for fixed removable denture cases in order to help creating the emergence profile of the Locator Abutment.

NARROW PLATFORM



STANDARD PLATFORM



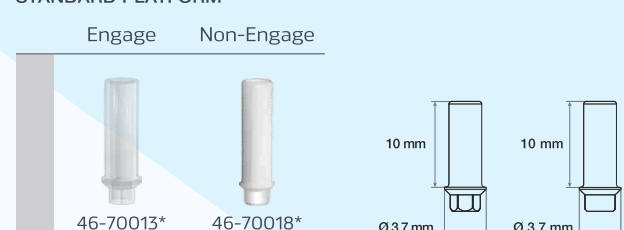
FULLY CASTABLE ABUTMENTS

Castable components are intended for use by the dental technician for constructing the prosthetic restoration. PALTOPs Castable Abutments are fabricated from Acetal polymer and Polycarbonate, an easily modified polymer.

NARROW PLATFORM



STANDARD PLATFORM







IMPRESSION COPINGS

PALTOP impression coping components fit the concave profile and match the complete PALTOP prosthetic line.

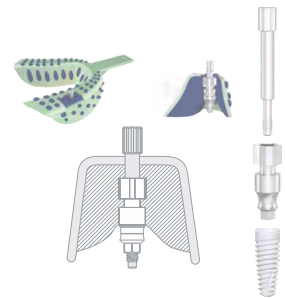
The PALTOP impression coping is attached to the implant, and then a mold or impression is taken of the patients mouth to accurately record the position and orientation of the implant within the mouth. The PALTOP Analog is used to assist and create a plaster model or analog of the mouth and/or implant site and provides the information needed to fabricate the prosthetic replacement tooth and any required intermediate prosthetic components.

Scan abutments are intended for digital impression using an intra-oral scanner.






NARROW PLATFORM

IMPRESSION COPINGS			
Open Tray for Ratchet	Slim Open Tray	Closed Tray	Analog
			
56-70016	56-70033	56-70017	56-70015

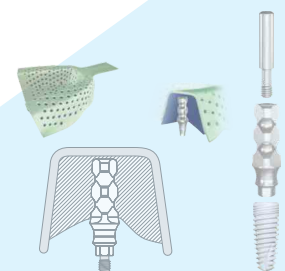
Open Tray Procedure



STANDARD PLATFORM

IMPRESSION COPINGS				
Open Tray for Ratchet	Slim Open Tray	Short Slim Open Tray	Closed Tray	Analog
				
56-70005	56-70032	56-70031	56-70006	56-70002

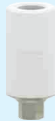

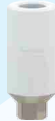

Closed Tray Procedure



CASTABLE ABUTMENTS

Paltops Gold Base and Cobalt Chrome Castable Abutments may be used for casting individual abutments and screw-retained crowns/bridges directly to the implant connection.

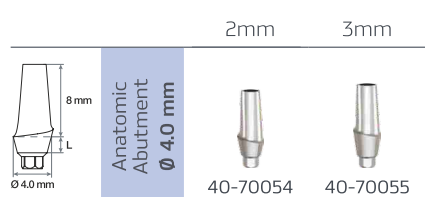
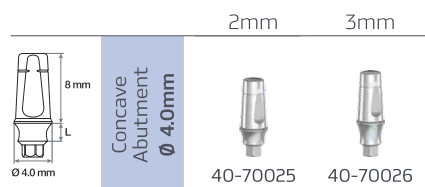
The Castable abutments come with a burn-out plastic cylinder for casting.

	Engage	Non-Engage		Engage	Non-Engage
Cobalt Chrome			Cobalt Chrome		
	40-70078	40-70178		40-70077	40-70177

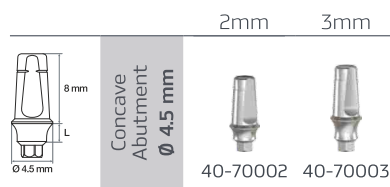
STRAIGHT TITANIUM ABUTMENTS

The Straight Abutment is intended for placing a tooth replacement both on the anterior and posterior locations. The Straight Abutments are symmetric in shape and allow modification by the dental technician to achieve accurate fitting to the prosthesis. The anatomic abutments resemble the natural gingival margin of a tooth and include a prepared anatomic margin (shoulder). PALTOPs anatomic abutments allow for better achievement of individual esthetics and easier adaptation for fitting by the dental technician. Due to their special shape, the anatomic abutments are advantageous when used for anterior teeth.

NARROW PLATFORM



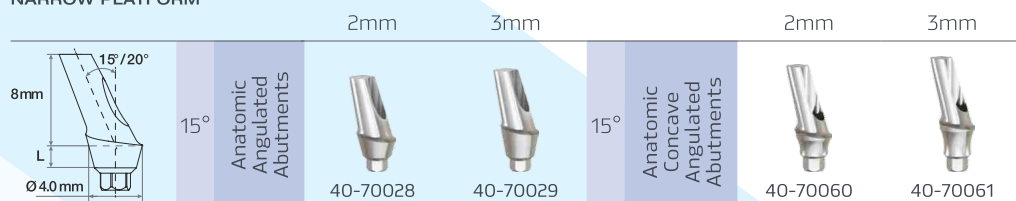
STANDARD PLATFORM



ANGULATED TITANIUM ABUTMENTS

PALTOP offers angulated abutments: 15° or 25° for standard platform and 15° or 20° for narrow platform, for accurate accommodation to the rehabilitation position. Additional modification of the abutment may be done for accurate fitting.

NARROW PLATFORM



STANDARD PLATFORM



MULTI-UNIT

The PALTOP Multi-Unit system provides a wide range of solutions for screw-retained restorations.

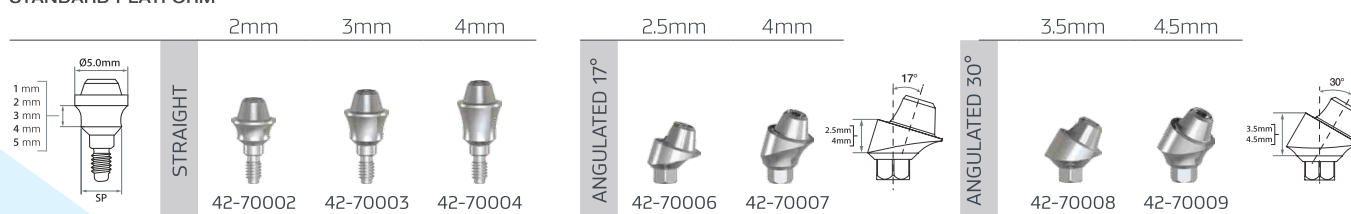
PALTOP offers a variety of gingival heights for the Multi-Unit abutment. Straight and angulated Multi-Unit abutments are available for different implant angulation positions. The Multi-Unit abutment is available for both narrow and standard implant platforms.

The PALTOP angulated Multi-Unit abutment is one of the only systems that allows torquing the restoration to 30 Ncm, which ensures the stability of the restoration.

NARROW PLATFORM



STANDARD PLATFORM



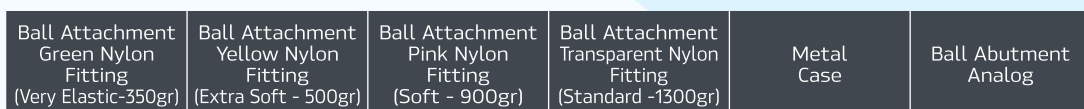
BALL ABUTMENTS

PALTOPs Ball Abutments are intended for retaining a removable denture. They are attached to the denture via a nylon fitting that is embedded inside the denture and snaps over the ball. PALTOP offers different gingival heights and a variety of complementary products.

NARROW PLATFORM



STANDARD PLATFORM





IMPLANT SYSTEM

PALTOP CONICAL ACTIVE



The PALTOP Conical Implant System has all the advantages of the PALTOP Advanced Implant System and more. The development of the PALTOP Conical Implant is a result of our 5 years of success with the PALTOP Advanced Dental Implant combined with the introduction of a unique conical connection design. PALTOPs unique geometrical implant body design and thread profile increases initial stability and promotes bone healing.

Important Factors in the Design of a Conical Implant Abutment Connection

1. Retention:

The closer the tolerance between the implant angle (α) to the abutment angle (β) the greater the mechanical retention for eliminating micro movement.

2. Sealing against bacterial endotoxin leakage:

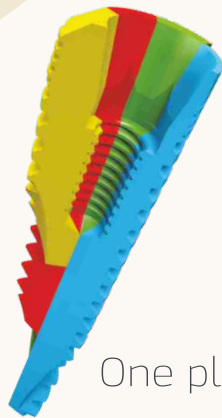
The larger the angle (α), the better the seal. Group A companies: $8 \leq \alpha \leq 16$ - good friction (retention). Group B companies: $16 \leq \alpha \leq 30$ - good sealing

3. Material specifications:

Superior material mechanical properties enable engineering possibilities to design a better seal.

4. One platform:

Minimizes the number of prosthetic connections while providing a variety of prosthetic options.



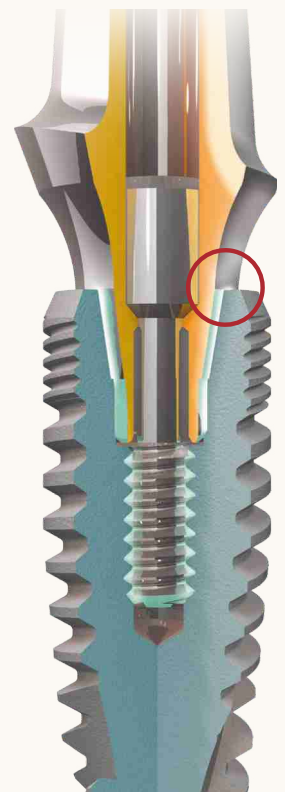
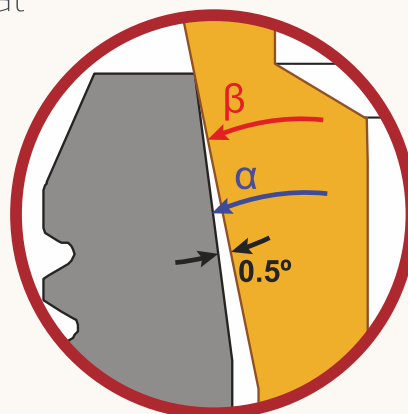
One platform

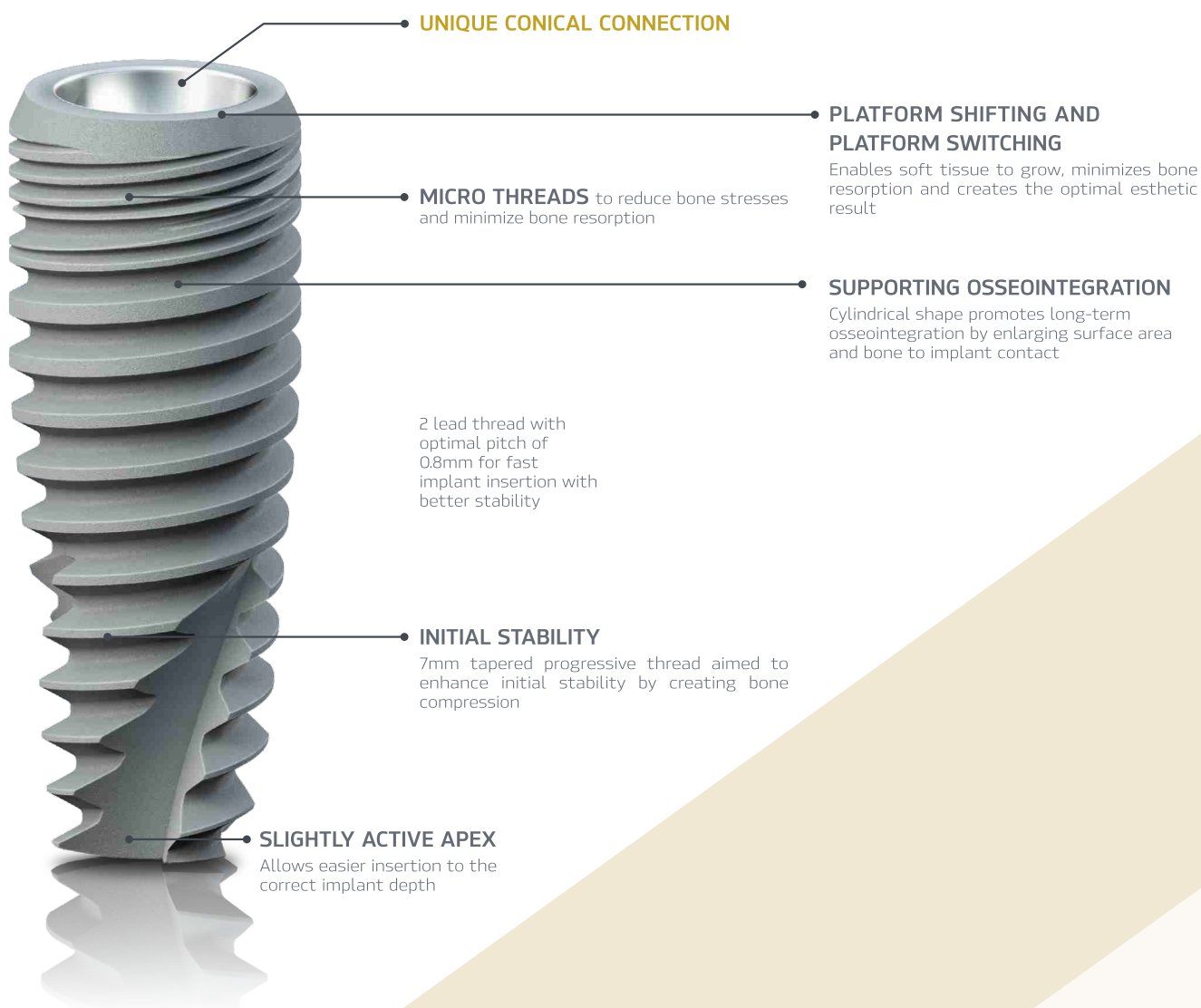


The PALTOP Advantage

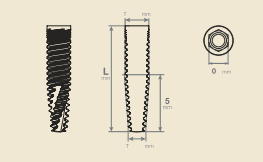
Through an understanding of biology, engineering, materials science and practical clinical usage, the PALTOP Conical Connection was developed.

- ✓ The PALTOP implant angle (α) and the abutment angle (β) are produced in an accuracy of 0.5° to achieve excellent retention and zero micro movement.
- ✓ The PALTOP 22° conical angle creates an optimal seal against bacterial endotoxin leakage, while maintaining excellent retention.
- ✓ The implant and abutment material is Titanium Alloy Grade 5 which has superior mechanical properties to pure titanium.

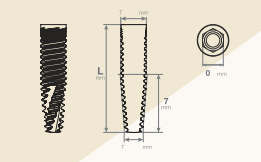




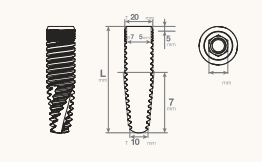
3.25mm D	
10.0mm	22-70018
11.5mm	22-70019
13.0mm	22-70020
16.0mm	22-70021



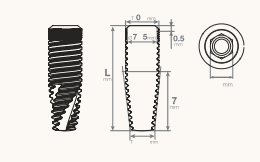
3.75mm D	
8.0mm	22-70017
10.0mm	22-70001
11.5mm	22-70002
13.0mm	22-70003
16.0mm	22-70004



4.2mm D	
6.0mm	22-70005
8.0mm	22-70006
10.0mm	22-70007
11.5mm	22-70008
13.0mm	22-70009
16.0mm	22-70010



5.0mm D	
6.0mm	22-70011
8.0mm	22-70012
10.0mm	22-70013
11.5mm	22-70014
13.0mm	22-70015
16.0mm	22-70016



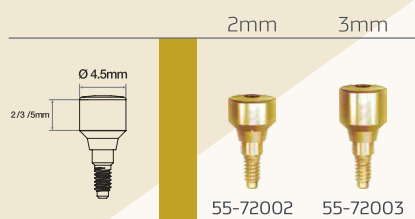
CONCAVE HEALING CAPS

Healing Caps are positioned at the rehabilitation site for a healing period of 6-12 weeks to help create the desired emergence profile of standard and anatomic abutments. This prepares the site for abutment placement.



STRAIGHT HEALING CAPS

PALTOP Straight Healing caps are positioned at the top of the implant for fixed removable denture cases in order to help creating the emergence profile of the Locator Abutment.



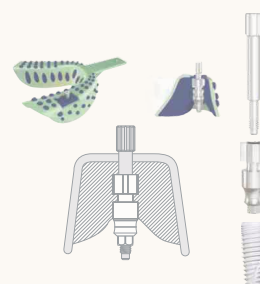
IMPRESSION COPING

PALTOP impression coping components fit the concave profile and match the complete PALTOP prosthetic line.

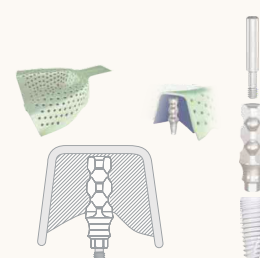
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Scan abutments are intended for digital impression using intra-oral scanner.

Open Tray Procedure

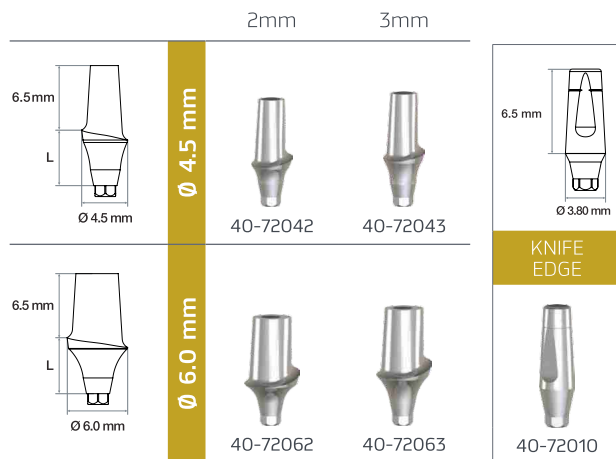


Closed Tray Procedure



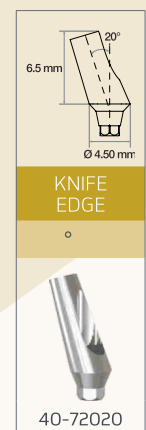
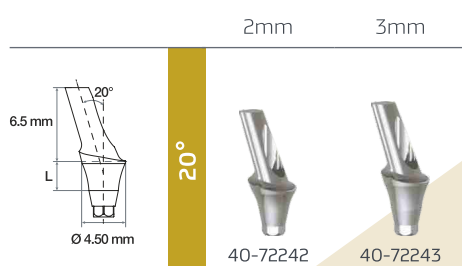
CONCAVE ANATOMIC ABUTMENTS

The Straight Abutment is intended for placing a tooth replacement both on the anterior and posterior locations. The Straight Abutments are symmetric in shape and allow modification by the dental technician to achieve accurate fitting to the prosthesis. The anatomic abutments resemble the natural gingival margin of a tooth and include a prepared anatomic margin (shoulder). PALTOPs anatomic abutments allow for better achievement of individual esthetics and easier adaptation for fitting by the dental technician. Due to their special shape, the anatomic abutments are advantageous when used for anterior teeth.



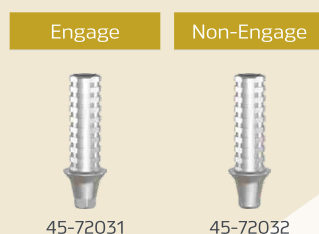
ANATOMIC CONCAVE ANGULATED ABUTMENTS

PALTOP offers two types of 20° angulated abutments for accurate accommodation to the rehabilitation position. Additional modification of the abutment may be done for accurate fitting.



TEMPORARY TITANIUM ABUTMENTS

A new titanium temporary abutment for screw-retained restorations is now available in engage and non-engage connections.

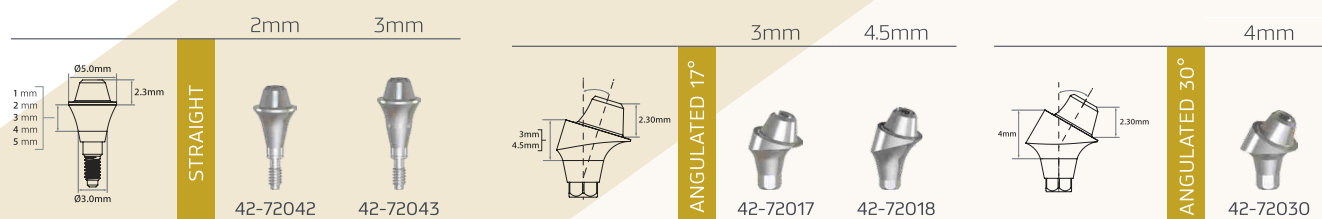


MULTI-UNIT

The PALTOP Multi-Unit system provides a wide range of solutions for screw-retained restorations.

PALTOP offers a variety of gingival heights for the Multi-Unit abutment. Straight and angulated Multi-Unit abutments are available for different implant angulation positions. The Multi-Unit abutment is available for both narrow and standard implant platforms.

The PALTOP angulated Multi-Unit abutment is one of the only systems that allows torquing the restoration to 30 Ncm, which will ensure the stability of the restoration.

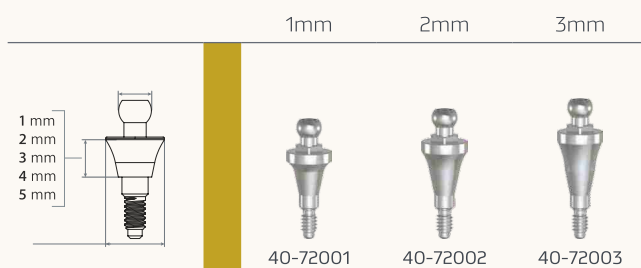








Closed Tray	Open Tray	Analog	Healing Cap	Titanium	Castable
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BALL ABUTMENTS







PALTOPs Ball Abutments are intended for retaining a removable denture. They are attached to the denture via a nylon fitting that is embedded inside the denture and snaps over the ball. PALTOP offers different gingival heights and a variety of complementary products.








Green Nylon Fitting (Very Elastic-350gr)	Yellow Nylon Fitting (Extra Soft - 500gr)	Pink Nylon Fitting (Soft - 900gr)	Transparent Nylon Fitting (Standard -1300gr)	Metal Case	Analog
 40-70131	 40-70132	 40-70023	 40-70065	 40-70022	 56-70013

LOCATOR ABUTMENTS

For over 30 years, ZEST Anchors have been a global leader in the manufacturing of dental implant attachments. The LOCATOR Implant Attachment is the premier system for implant retained overdentures, with the benefit of combating the damage done by the improper seating of overdentures. For straight healing caps see page 30.











1mm	2mm	3mm	4mm	5mm	6mm
					
40-72011	40-72012	40-72013	40-72014	40-72015	40-72016

Locator Male Processing Package	Extended Range Male Processing Package	Locator Impression Coping	Locator Female Analog Dia 4mm	Locator Core Tool
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40-70081	40-70112	56-70026	56-70027	60-70133

LOCATOR ABUTMENTS

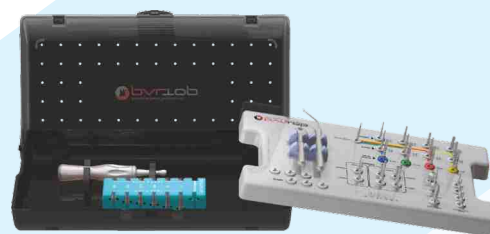
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





















NARROW PLATFORM				STANDARD PLATFORM					
1mm	2mm	3mm	4mm	1mm	2mm	3mm	4mm	5mm	6mm
									
40-70088	40-70089	40-70090	40-70091	40-70082	40-70083	40-70084	40-70085	40-70086	40-70087

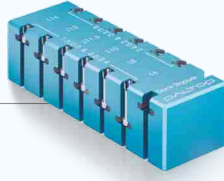
Locator Male Processing Package	Locator Extended Range Male Processing Package	Locator Impression Coping	Locator Female Analog Dia 4mm	Locator Core Tool
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40-70081	40-70112	56-70026	56-70027	60-70133

PREMIUMKIT cat # 60-70112



Key Ratchet Adapter		60-70100	2
Drill Extender		60-70019	1
1.25 Manual Driver		60-70006	1
Long 1.25 Hex Key		60-70101	1
Short 1.25 Hex Key		60-70102	1
Long 2.5 Hex Key		60-70103	1
Short 2.5 Hex Key		60-70104	1
Long 2.0 Hex Key		60-70105	1
Short 2.0 Hex Key		60-70106	1
Parallel Pin 1.5-2.0 mm		60-70015	4
Pilot Drill (Spade)		60-70020	1
Pilot drill 2mm dia 27mm length		30-70304	1
Pilot drill 2mm dia 23mm length		30-70303	1
Pilot drill 2mm dia 19mm length		30-70302	1
1.5/2.0 mm Long Drill		60-70048	1
2.0/2.4 mm Long Drill		60-70050	1
2.4/3.2 mm Long Drill		60-70052	1
3.2/3.8 mm Long Drill		60-70054	1
Final Drill For 3.25 mm Implant		60-70035	1
Final Drill For 3.75 mm Implant		60-70037	1
Final Drill For 4.2 mm Implant		60-70039	1
Final Drill For 5.0 mm Implant		60-70041	1

Drill Stop Kit		60-70200	1
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The Premium Kit has these additions to the Basic Kit: Larger tray that allows easier reach to the instruments. Short twist drills that allow easier access to areas with limited interarch space. Drill stops for PALTOP step drills for all implant diameters and lengths help limit the drilling depth to potentially avoid anatomical structures. Probe used to measure the depth and check the osteotomy walls.

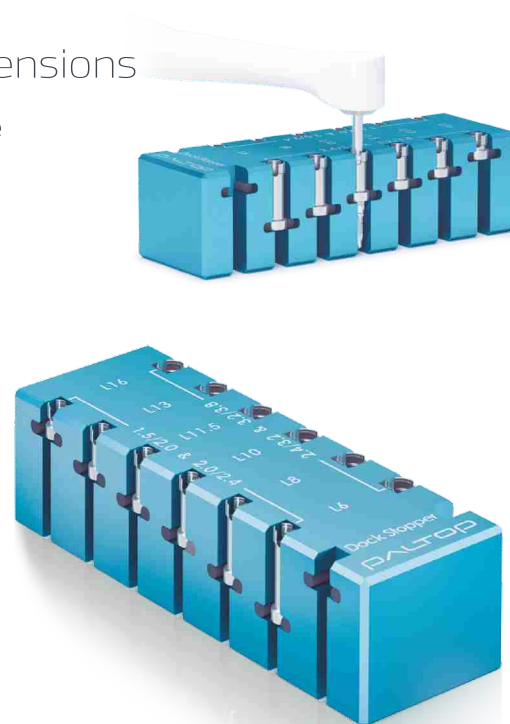
DrillStopkit cat # 60-70200

One Simple Drill Stop Kit for All Implant Dimensions

The PALTOP Drill Stop Kit is designed to simplify the drilling process and save valuable chair time. It enables the doctor to drill to the exact desired depth with safety and confidence.

Only 12 Sleeves Needed to Fit all PALTOP Implants of all Diameters

For Implant Length	16mm	13mm	11.5mm	10mm	8mm
1.5/2.0 & 2.0/2.4 Drills					
	60-70206	60-70205	60-70204	60-70203	60-70202
2.4/3.2 & 3.2/3.8 Drills					
	60-70212	60-70211	60-70210	60-70209	60-70208



Tissue Punch

Create clean cut perfect size, No need of cutting tissue & saliva faster healing.



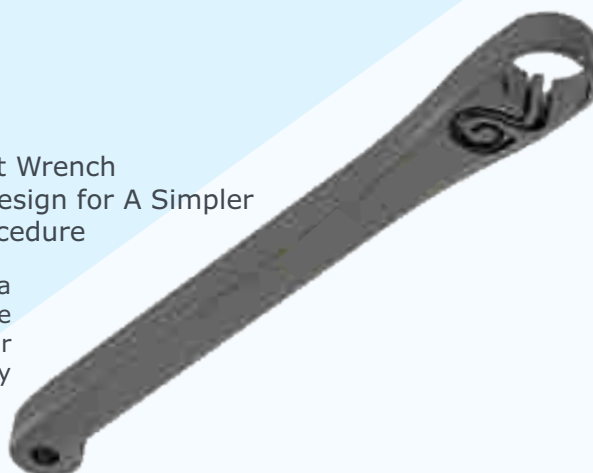
Stainless steel,
Ø4.5mm, L28mm



Ratchet

New Ratchet Wrench
Advanced Design for A Simpler
Implant Procedure

"It's a real time-saving tool, with a streamlined shape that prevents the accumulation of contaminants like blood or saliva. This ratchet wrench is ideal for easy cleaning for a safer procedure."



Sinus Convex Osteotomes Set

The Convex Osteotomes Set is used for closed sinus augmentation procedures. The set includes four straight and four bayonet convex tools. All tools are laser marked for depths of: 6, 11 and 15mm, and are equipped with stoppers for convenience and safety.



Sinus Lift Osteotomes Kit

Sinus Lift Osteotomes Set is used for closed sinus augmentation procedures. The set includes four straight and four bayonet concave tools. All tools are laser marked for depths of 6, 11 and 15mm. They are all equipped with stoppers for convenience and safety.





BINGO!

Implant Locator



Implant Locator

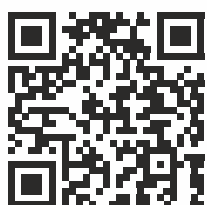
The Implant Locator allows accurate locating of implants covered by gum tissue.

- Eliminates the need to sever the gums. Reduces complications
- Saves time and money - no suturing required after exposing the implant
- Prevents unnecessary pain and shortens the recovery period
- Obtain precise results with various implant systems

Ergonomic user-friendly design of Forum's Implant Locator makes it a preferred instrument in modern dental clinics. Utilizing the advanced technology, Implant Locator is a precise, user-friendly, and affordable instrument suitable both for skilled implant oologists and for general practitioners working with implants.

Technical Specifications :

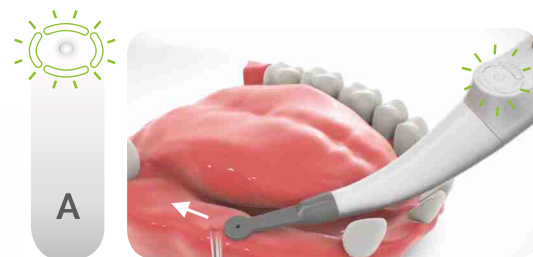
Dimensions	:	215 x 45, dia. 21 mm
Weight	:	60 gr.
Display	:	LED segments
Power Source	:	1 x 1.5V AA alkaline primary battery
Packaging Box Content	:	Implant Locator - 1 pc.
AA alkaline battery	:	1 pc. Sensor holder - 1 pc.
Sensor	:	- 5 pcs. User Manual - 1 pc.



Scan for
Instructions

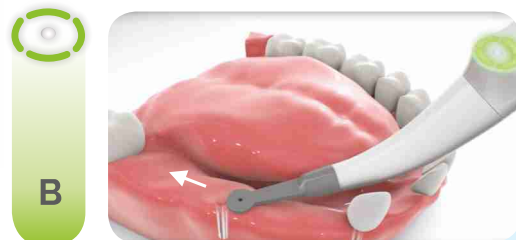
Blinking Green

Move the sensor towards estimated position of hidden implant



GREEN

Sensor is approaching the implant
Continue in the same direction



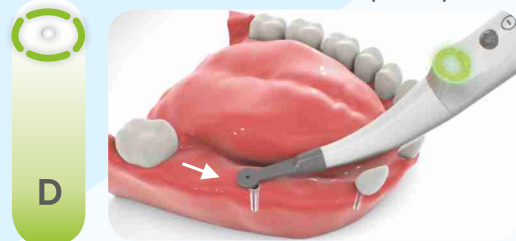
ORANGE

Reverse direction
Sensor has passed the implant position



GREEN

Continue in the reversed direction
Sensor moves back to the implant position











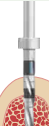


GREEN DOT

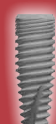





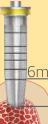
Detection of implant location





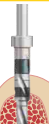
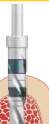






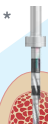
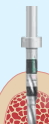
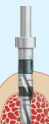


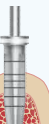

D1-D2 Type Bone | STANDARD PROTOCOL

Ø 3.25mm	Pilot Drill	Ø 2.0 Ø 1.5	Final Ø 3.25	Final Ø 3.75	
					Countersink the osteotomy using the Final 3.75 green drill to 6mm (regardless of the length of the implant).

Ø 3.75mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Final Ø 3.75	Final Ø 4.2	
						Countersink the osteotomy using the Final 4.2 red drill to 6mm (regardless of the length of the implant).

Ø 4.2mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	Final Ø 4.2	Final Ø 5.0	
							Countersink the osteotomy using the Final 5.0 yellow drill to 6mm (regardless of the length of the implant).

Ø 5.0mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	Ø 3.8 Ø 3.2	Final Ø 5.0	Countersink Ø 5.0	
								Countersink the osteotomy using the 5.0 yellow Countersink to the first line.

Ø 6.0mm	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	Ø 3.8 Ø 3.2	Ø 4.3 Ø 3.8	Final Ø 6.0	Countersink Ø 6.0	
									Countersink the osteotomy using the 6.0 Countersink to the 2nd line.

Recommended implant insertion torque is 30 - 40 Ncm.



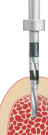



If the insertion torque exceed 40 Ncm consider reducing the pressure caused by high insertion torque by:



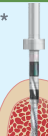
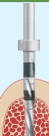



- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)





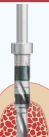



* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0




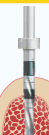
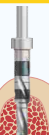




_____: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.





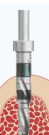
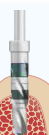

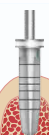


D3-D4 Type Bone | SOFT BONE PROTOCOL

Ø 3.25mm	Pilot Drill	Ø 2.0 / Ø 1.5	Optional	Final Ø 3.25	Optional	Countersink Ø 3.75	
			If the bone is very soft, type 4, then consider eliminating the final drill.		If there is dense cortical plate then countersink the osteotomy using the Final 3.75 green drill to 6mm (regardless of the length of the implant).		

Ø 3.75mm	Pilot Drill	Ø 2.0 / Ø 1.5	Ø 2.4 / Ø 2.0	Optional	Final Ø 3.75	Optional	Countersink Ø 4.2	
				If the bone is very soft, type 4, then consider eliminating the final drill.		If there is dense cortical plate then countersink the osteotomy using the Final 4.2 red drill to 6mm (regardless of the length of the implant).		

Ø 4.2mm	Pilot Drill	Ø 2.0 / Ø 1.5	Ø 2.4 / Ø 2.0	Ø 3.2 / Ø 2.4	Optional	Final Ø 4.2	Optional	Countersink Ø 5.0	
					If the bone is very soft, type 4, then consider eliminating the final drill.		If there is dense cortical plate then countersink the osteotomy using the Final 5.0 yellow drill to 6mm (regardless of the length of the implant).		

Ø 5.0mm	Pilot Drill	Ø 2.0 / Ø 1.5	Ø 2.4 / Ø 2.0	Ø 3.2 / Ø 2.4	Ø 3.8 / Ø 3.2	Optional	Final Ø 5.0	Optional	Countersink Ø 5.0	
						If the bone is very soft, type 4, then consider eliminating the final drill.		If there is dense cortical plate then countersink the osteotomy using the 5.0 yellow Countersink to the 1st line.		

Ø 6.0mm	Pilot Drill	Ø 2.0 / Ø 1.5	Ø 2.4 / Ø 2.0	Ø 3.2 / Ø 2.4	Ø 3.8 / Ø 3.2	Ø 4.3 / Ø 3.8	Optional	Final Ø 6.0	Optional	Countersink Ø 6.0	
							If the bone is very soft, type 4, then consider eliminating the final drill.		If there is dense cortical plate then countersink the osteotomy using the 6.0 Countersink to the 2nd line.		

Recommended implant insertion torque is 30 - 40 Ncm.

If the insertion torque exceed 40 Ncm consider reducing the pressure caused by high insertion torque by:

- (1) reversing the implant 2-3 rotations, and then reinserting to the appropriate height
- (2) remove the implant and countersink or tap the osteotomy and then reinsert the implant. (If the implant is removed, reinsert it into it's titanium vial during the countersinking/tapping procedure)

* Optional drilling sequence may begin with drill Ø 2.4 / Ø 2.0

_____: Due to the individuality of the patients condition, the doctor must use his clinical judgment and expertise in choosing the right protocol.





EC Declaration of Conformity
EC Directive 93/42/EEC Annex I, excluded clause 4
Full Quality Assurance System
Medical Devices

Registration No.: HD 60094654 0001
Report No.: 28105546 001

Manufacturer: PALTOP Advanced Dental Solutions Ltd.
8 Hashita Ind Park
30899 Caesarea
Israel

Scope: DENTAL IMPLANTS;
PROSTHETIC COMPONENTS;
DENTAL SURGICAL INSTRUMENTS.
(See the attachment for models and codes designation)

Date of Expiry: 11/06/2019

The Notified Body hereby authorizes the quality management system established and applied by the company mentioned above. The requirements of Annex I, Article 3 of the directive have been met. This approval is subject to periodic surveillance, defined by Annex II, Article 5, of the aforementioned EC Directive, and can be used by the company with the manufacturer's declaration of conformity.

Notified Body


B. Tuzza

Pogliano Milanese (MI) 12/06/2014

TÜV Rheinland Italia S.r.l. - Via Mattei, 3 - 20010 - Pogliano Milanese (MI)
Accredited by Ministry of Health and by Ministry of Economic Development
with decree of January 9th 2013 (G.U. n. 32 February 7th 2013)
Notified under No. 1936 to the EC Commission

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

CE approval


2016
CERTIFICATE OF REGISTRATION

This certifies that:
PALTOP ADVANCED DENTAL SOLUTIONS LTD
6 Hashita Street
Caesarea Haifa, ISRAEL 30899


is registered and has listed the following medical device with the U.S. Food and Drug Administration for FY 2016 pursuant to Title 21, Part 807 of the United States Code of Federal Regulations:

Establishment Registration:	30916159
Product Subclassification Number:	K112798
Device Classification Name:	IMPLANT, ENDOSSEOUS, ROOT-FORM
Product Code:	DZL
Registration Number:	872-3448
Official Correspondent:	Registrar Corp 144 Research Drive, Hampton, Virginia, 23666, USA Telephone: +1-757-234-0177 • Fax: +1-757-234-0179

Registrar Corp will confirm that such registration remains effective upon request and presentation of this certificate until the end of the year stated above, unless said registration is terminated after issuance of this certificate. Registrar Corp makes no other representation or warranty, nor does this certificate make any representation or warranty in any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate holder's device or establishment by the U.S. Food and Drug Administration. Registrar Corp assumes no liability to any person or entity in connection with the foregoing.

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Richard K. Swanson
Executive Director
Registrar Corp
Date: 12/06/2014

60020-2016 Register 303

FDA Certificate

CERTIFICATE

The Certification Body TÜV Rheinland Italia S.r.l.
certifies, in accordance with the TÜV Rheinland Group procedures, that the Company

Paltop Advanced Dental Solutions Ltd
Hashita 5 Industrial Park
IL - 30899 Caesarea (Israel)

has established and applies a quality management system for the following scope:

Design and manufacture of dental implants, prosthetic components and dental surgical instruments.

Through an Audit, Report No. 2810550 001, proof has been furnished that the quality management system fulfils the requirements of the standard

UNI CEI EN ISO 13485:2012

Please refer to the Quality Manual for the details about the exclusions with respect to the requirements of the standard.
Certificate Registration No. 39 05 0551404.
This Certificate is valid from 2017-05-16 to 2019-05-01.
The reference date for all the next audits is (day-month): 15-04.
Milan, 05/05/16. First Certification: 2011-05-16



This certificate does not represent proof that the statutory requirements of the Technical Directive 93/42/EEC, 90/269/EEC or 89/686/EEC have been fulfilled.

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ISO 13485

CERTIFICATE

The Certification Body TÜV Rheinland Italia S.r.l.
certifies, in accordance with the TÜV Rheinland Group procedures, that the Company

Paltop Advanced Dental Solutions Ltd
Hashita 5 Industrial Park
IL - 30899 Caesarea (Israel)

has established and applies a quality management system for the following scope:

Design and manufacture of dental implants, prosthetic components and dental surgical instruments. EA 17

Through an Audit, Report No. 2810550 001, proof has been furnished that the quality management system fulfils the requirements of the standard

UNI EN ISO 9001:2008

Please refer to the Quality Manual for the details about the exclusions with respect to the requirements of the standard.
Certificate Registration No. 39 01 0551404.
This Certificate is valid from 2017-05-16 to 2018-05-14.
The reference date for all the next audits is (day-month): 15-04.
Milan, 05/05/16. First Certification: 2011-05-16



This certificate represents TÜV Rheinland Italia S.r.l. is a Member of the TÜV Group.

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ISO 9001



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SALES INDIA PVT LTD

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