

Advanced Dental Solutions Ltd.

**PALTOP**



# PALTOP CATALOG

FROM

**OralArts**

DENTAL LABORATORIES HUNTSVILLE, ALABAMA

# Oral Arts Dental Laboratories, Inc.

Headquartered in Huntsville, Alabama, Oral Arts has been a leader in the dental lab industry for over 45 years. With our visionary leadership and advancements in technology, we continue to provide the most advanced dental technology coupled with personal service.

Family owned and operated full service-laboratory

## **5 day turnaround on most products**

Investment in state-of-the-art CAD/CAM technology

**Accepting files from all digital scanners**

Devices and products made in the USA

**Quality, Technology, Service**



# 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**



**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)



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 provides the Dentist with a complete package exceptional to the marketplace. You are invited to explore the technology behind our excellent products and services.

# PALTOP HIGHLIGHTS



Concave  
Design For  
Maximum  
**Esthetics**



Ultra Pure  
**Surface**

**Advanced**  
Biological  
Design



Protective  
& Sterile  
**Packaging**



**Simplicity**  
Less Tools More  
Technology

**Questions or want to place an order?**

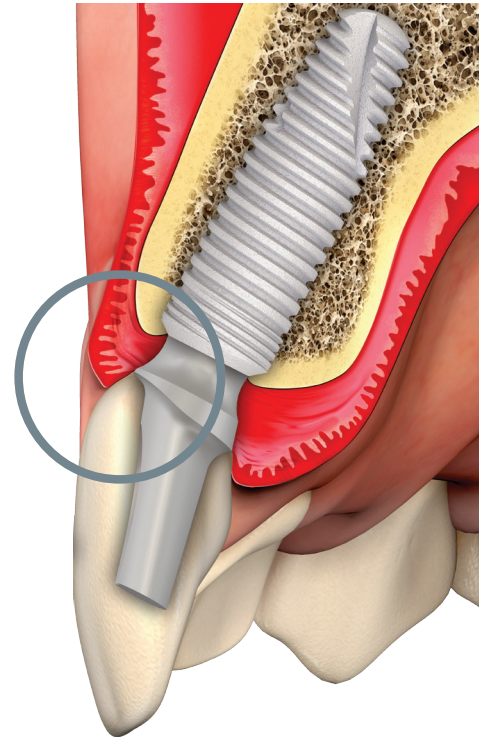
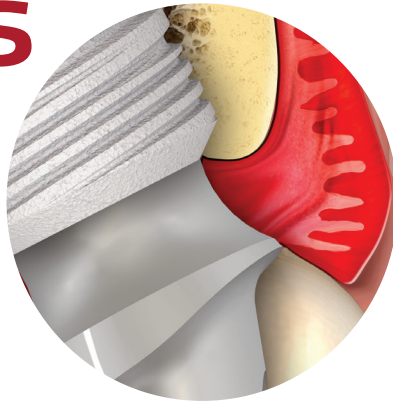
Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)



# Esthetics

## CONCAVE

High Esthetic Line  
Prosthetic Emergence Profile

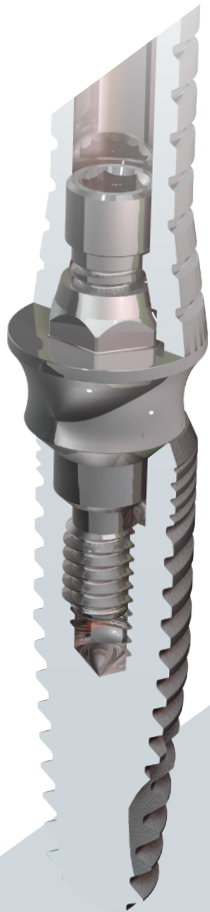


### High Esthetics

The unique Concave design enables the mucosal tissue to form a dense layer surrounding the transgingival connection. This results in reduced tissue transparency and reduced metal visibility of the abutment.

### Enhanced Gingival Healing

This innovative design creates an optimal emergence profile, enabling replacement of temporary prosthetics with fixed prosthetics without harming the newly formed tissue structure. This reduces the trauma to the implantation site and accelerates the healing process.

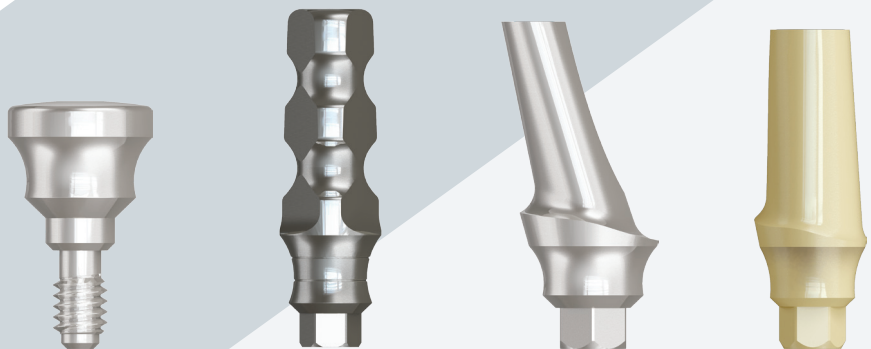


## Concave From Beginning To End

Normally doctors have to perform manual modifications to prosthetic parts during treatment to make them suitable for esthetic cases.

PALTOP offers prefabricated esthetically designed parts suitable for all restorative applications, all teeth positions and for all treatment stages, including the healing period, impression taking, provisional restoration (using Peek) and final restoration, for cemented and screw-retained.

All parts have an identical concave profile allowing the replacement of parts according to the treatment stage without causing additional trauma to the gingiva.





# Surface Advanced Surface Treatment

PALTOP's surface treatment achieves the desirable outcome of a highly cleaned and safe implant surface with ideal morphology for accelerated integration, initial stability, long term bone healing and solid biological fixation of the implant

## ROUGH SURFACES

PALTOP's meticulous surface morphology is created by two sequential stages: sand blasting, aimed at creating crater shaped microgrooves, followed by acid etching intended to generate nano crater shaped structures.

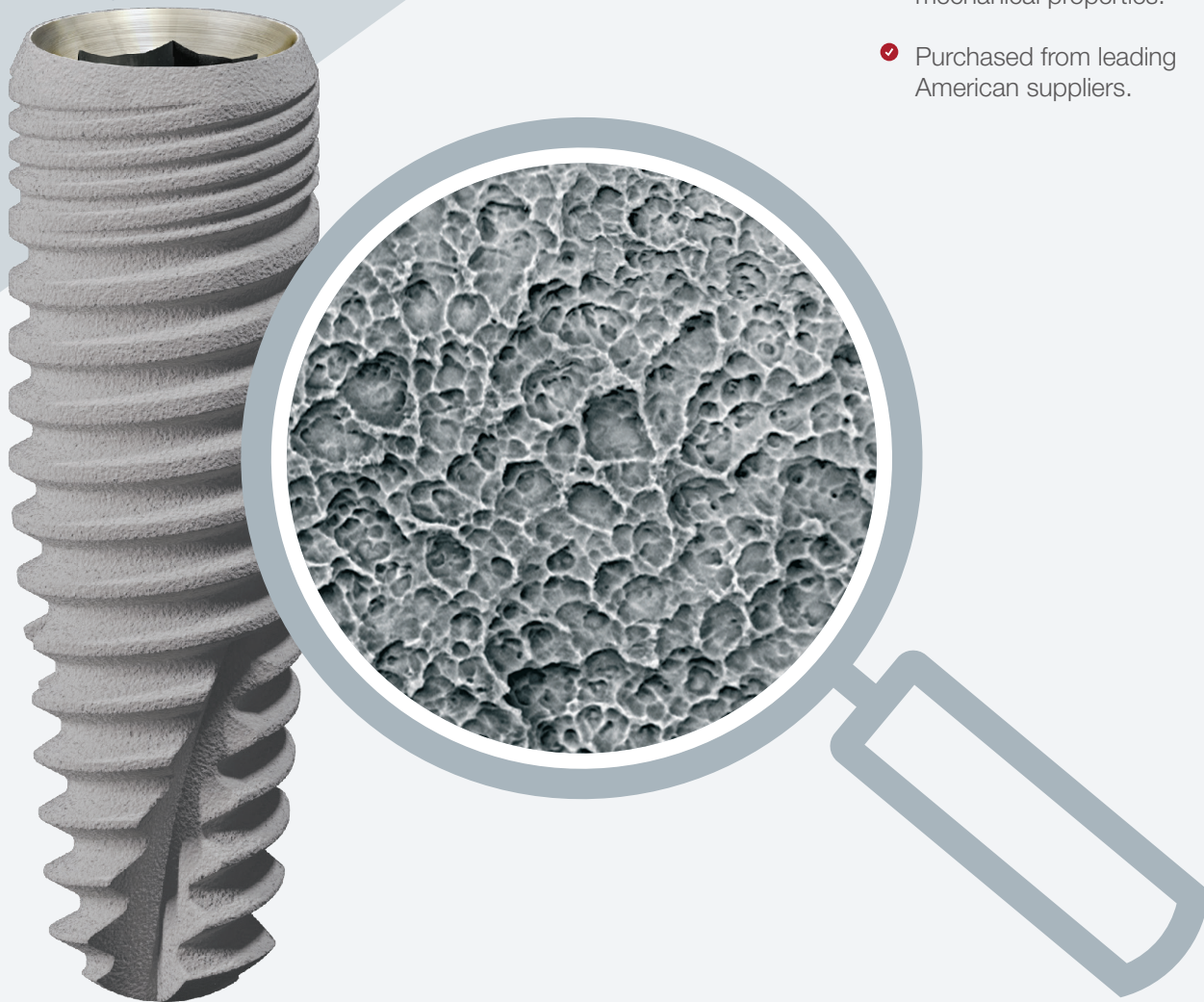
## CLEAN SURFACES

PALTOP's extensive multi-stage cleaning removes undesired residues derived from manufacturing, yielding a contamination-free surface.

## SUPERIOR RAW MATERIAL

PALTOP Dental Implants:

- ✓ Made of biocompatible alloy Ti6Al-4V ELI.
- ✓ Superior to pure titanium in mechanical properties.
- ✓ Purchased from leading American suppliers.



**Questions or want to place an order?**

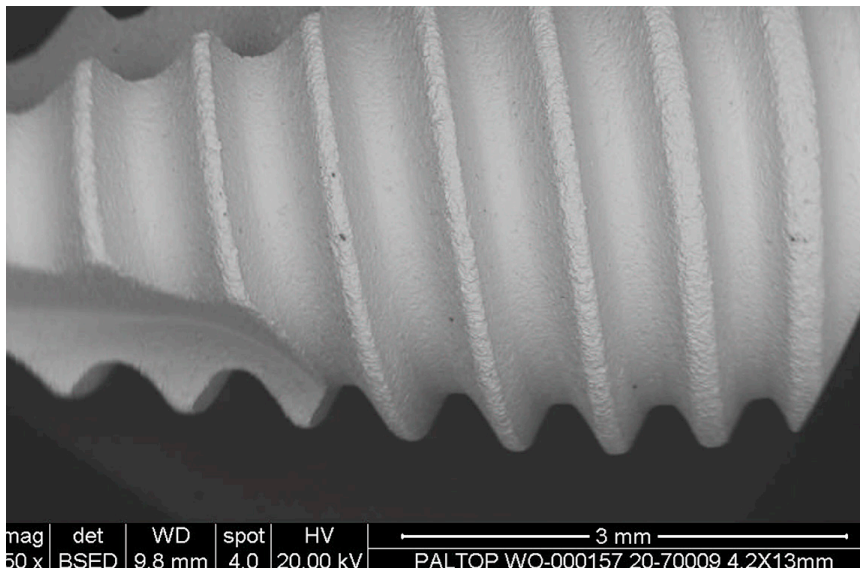
Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# Ultra-Clean Surface Technology

The Ultra High Purity Cleaning Process is a comprehensive approach to producing a high purity surface for dental implants.

PALTOP's ultra clean surface technology is based on decades of experience of the company's founders in industrial manufacturing of highly sensitive components for advanced industries:

semiconductors, oil & energy, chemical and pharmaceutical, food, etc.

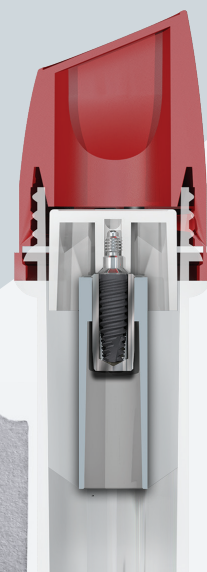


Excerpt of the Final report of the BDIZ EDI implant study 2014/15

“ An Israeli manufacturer (PALTOP) has decided to consistently clean their products with ultra-pure water (UPW), which is rather expensive to produce compared to regular demineralized water and is otherwise mostly employed by the semiconductor industry. ”

Sterile packaging – bedchamber of implants:  
from simple and non-sterile to elaborately protected

“ The illustration shows a complex packaging design where the implant is inserted in a separate sleeve made of the same material (grade 5 titanium) as the implant itself to reduce the influence of other materials to a minimum. ”





# FIVE IMPLANTS LINES



## ADVANCED CLASSIC

3rd Generation Design where the Traditional passive and the Modern aggressive Approaches Meet

The Advanced Classic Implant incorporates crestal micro-thread for stress distribution, parallel walled midsection for minimum stress to the bone, and a tapered **rounded apex for safe insertion into the bone**

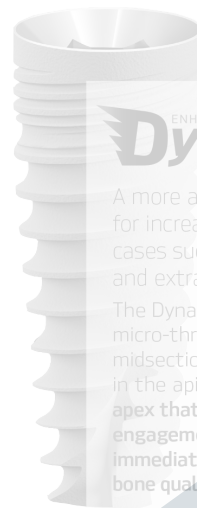


## ADVANCED+

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 segment 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 poor bone quality and 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 sockets, poor bone quality, and immediate loading.**



## PCA

PALTOP CONICAL ACTIVE

Advanced "+" 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.**



## DIVA

By PALTOP

Innovative Closed Sinus Lift Technology

A new sinus lift technology, delivers an innovative solution that enables sinus lift implants to be carried out using a simple, easy-to-learn and relatively short procedure, with significantly lower risk of complications and patient discomfort.

# 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.

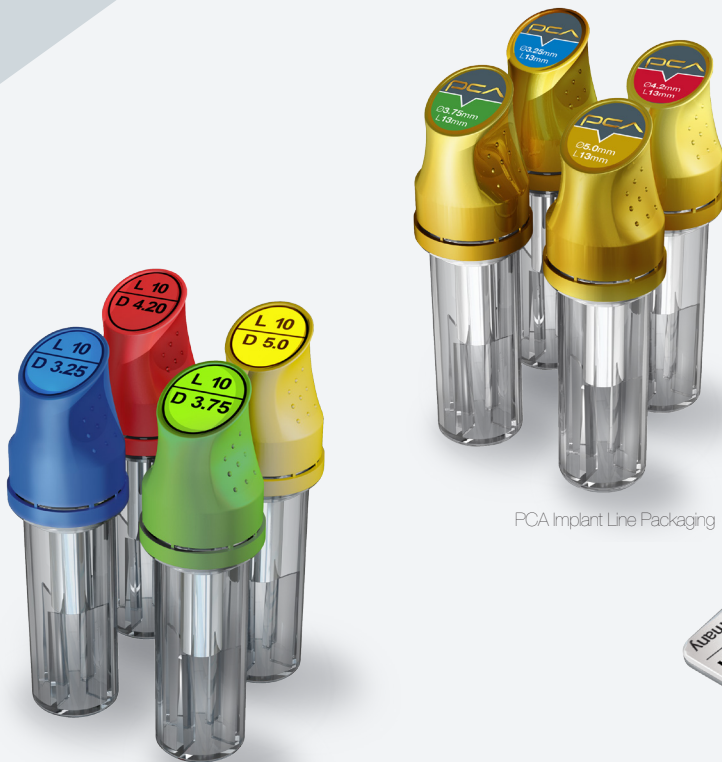
# Packaged for Convenience

- ✓ 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

## All Paltop's Components are Delivered Sterile



Advanced Implant Line Packaging

PCA Implant Line Packaging



Prosthetic Components Packaging

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)



# Simplicity Chain Of Simplicity

In the world of rapidly advancing technologies, it becomes increasingly harder to maintain simple procedures. PALTOP invests great time and effort to make procedures as simple as possible, saving time and money for the dentist.

## Drilling Procedure

PALTOP's surgical kit is optimally organized for ease-of-use and functionality. Color-coded pathways lead the doctor through the surgical protocol.



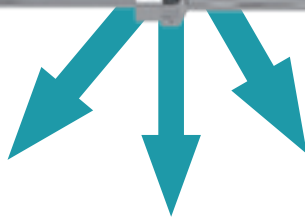
## Step Drills

PALTOP Step Drills, are uniquely designed in such a manner so that each drill leads the following drill for fast and accurate drilling.

PALTOP presents specially designed step drills with dimensions and shapes that best match the implant, with an optimized cutting edge to achieve the best possible drilling. The special step drill mechanism reduces vibrations and shaking and serves as a pilot surgical guide.

PALTOP drills have a special matte finish that does not reflect light, enabling clear visibility of the markings on the drill.

## Hex Key



## Tool Versatility

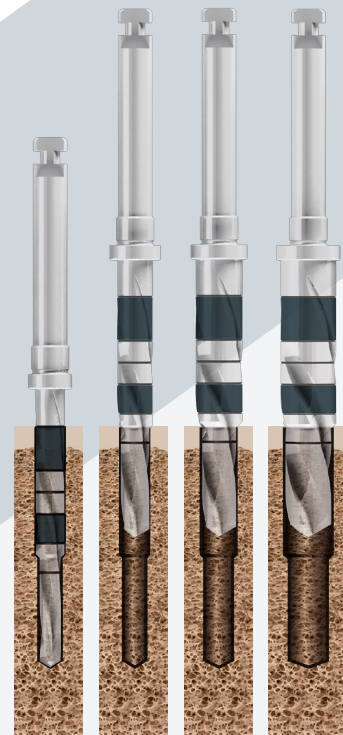
Every tool can be used by hand, motor (contra angle) and ratchet. The tools enable conversion from one application to the other. All tools are designed with precision to assure their expected performance in all 3 tasks.



Ratchet

Hand

Motor

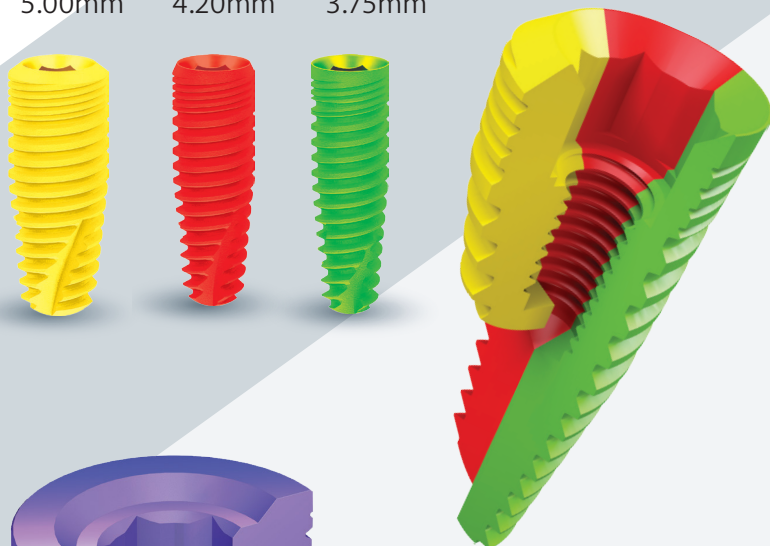


## Standard Platform

The PALTOP Advanced Classic, Advanced Plus and Dynamic implant lines possess a well-established internal hexagonal connection.

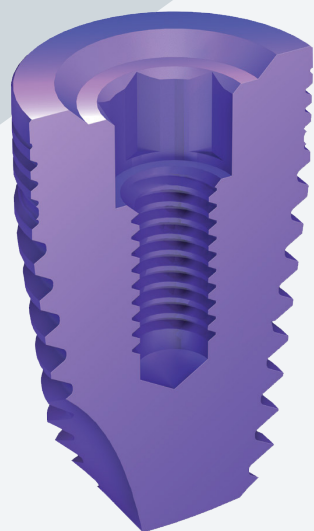
The PALTOP Standard Platform with a 2.5mm hexagonal connection covers 3.75mm, 4.2mm and 5.0mm implant diameters. These 3 primary implant diameters utilize one line of prosthetic components.

5.00mm    4.20mm    3.75mm

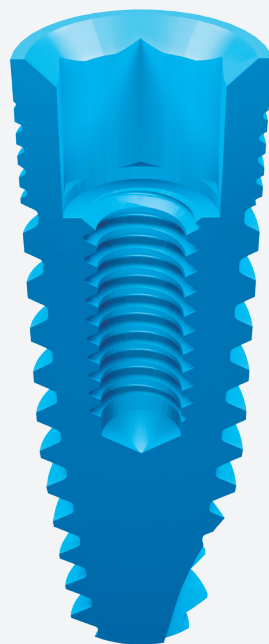


## Narrow Platform

The PALTOP Narrow Platform with a 2.0mm hexagonal connection and a 3.25mm outer implant diameter is dedicated to treatment of narrow ridges. The PALTOP Narrow Platform has its matching narrow prosthetic line.



6.0 mm



3.25 mm



## Wide Platform

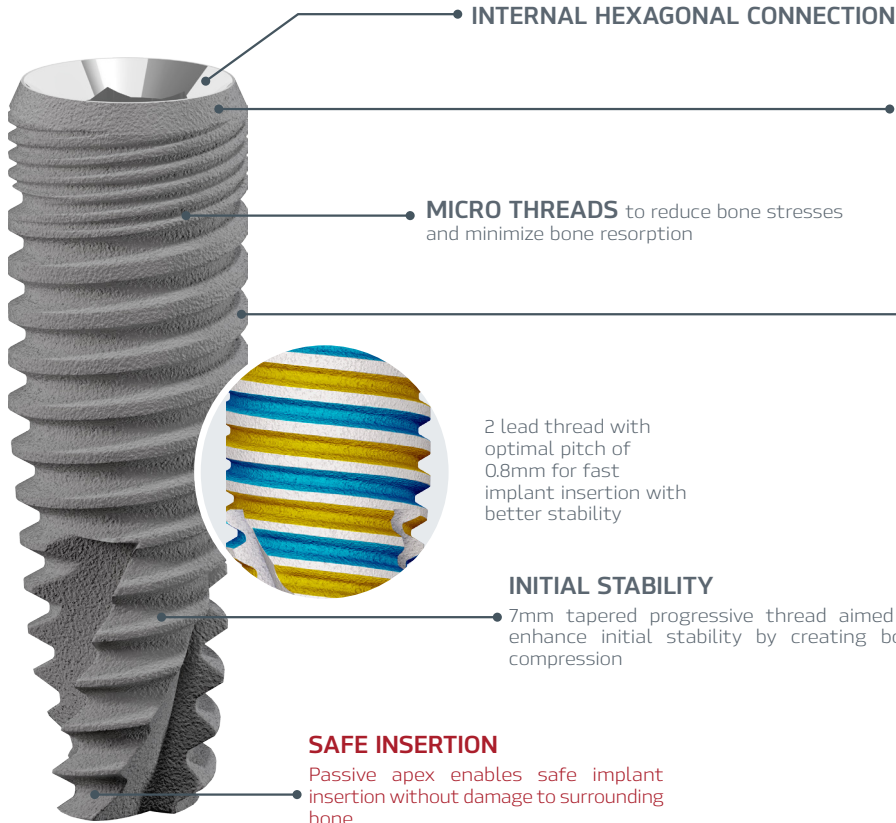
The PALTOP Wide Platform 6.0mm implant has an outer diameter of 6.0mm and a 4.5mm hexagonal connection. It is designed for restoration of the posterior regions and molar extraction sites. The PALTOP Wide Platform has a matching wide prosthetic line.

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# ADVANCED

## CLASSIC



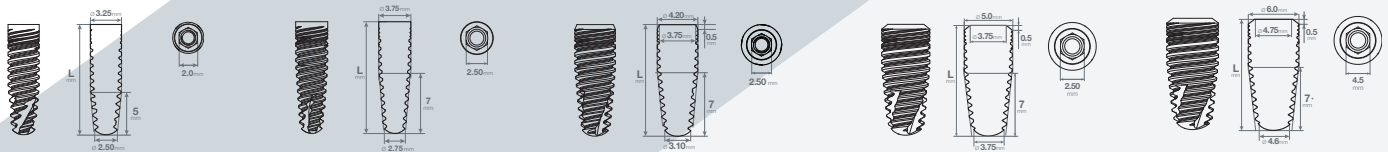
### HIGH ESTHETICS

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

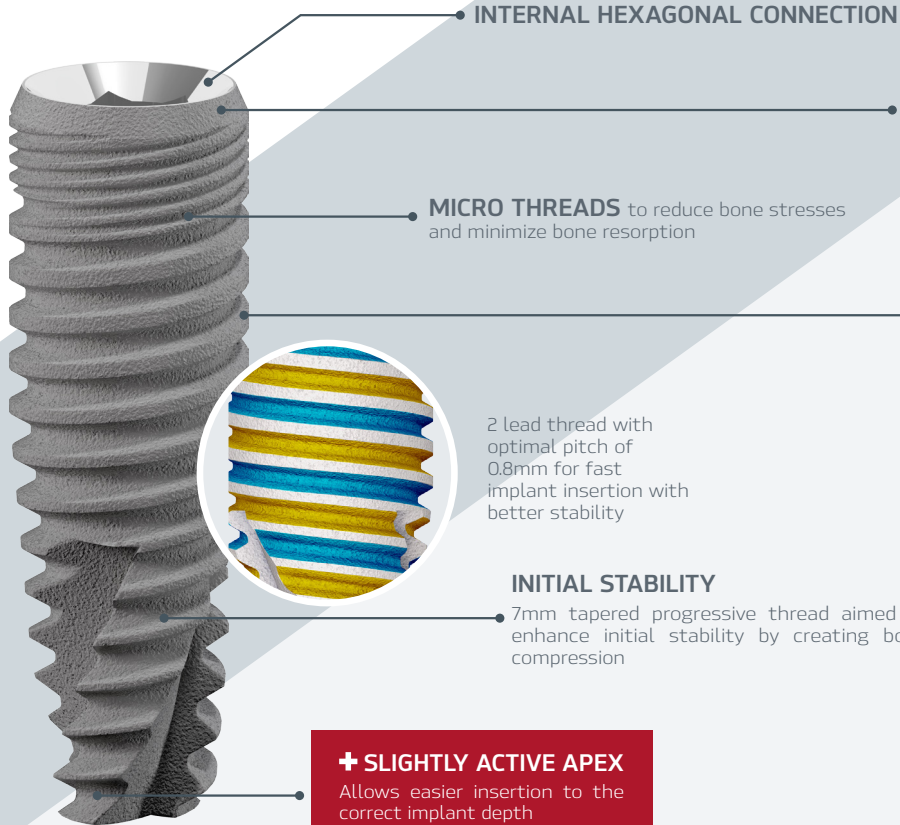
Cylindrical shape promotes long-term osseointegration by enlarging surface area and bone to implant contact

NARROW PLATFORM		STANDARD PLATFORM		STANDARD PLATFORM		STANDARD PLATFORM		WIDE PLATFORM	
3.25		3.75		4.2		5.0		6.0	
10.0 mm	20-70018	8.0 mm	20-70017	8.0 mm	20-70006	8.0 mm	20-70012	6.0 mm	20-70022
11.5 mm	20-70019	10.0 mm	20-70001	10.0 mm	20-70007	10.0 mm	20-70013	8.0 mm	20-70023
13.0 mm	20-70020	11.5 mm	20-70002	11.5 mm	20-70008	11.5 mm	20-70014	10.0 mm	20-70024
16.0 mm	20-70021	13.0 mm	20-70003	13.0 mm	20-70009	13.0 mm	20-70015	11.5 mm	20-70025
		16.0 mm	20-70004	16.0 mm	20-70010	16.0 mm	20-70016	13.0 mm	20-70026
								16.0 mm	20-70027
	\$150		\$150		\$150		\$150		\$150



# ADVANCED+

SLIGHTLY ACTIVE APEX



**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

**MICRO THREADS** to reduce bone stresses and minimize bone resorption

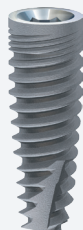
2 lead thread with optimal pitch of 0.8mm for fast implant insertion with better stability

**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



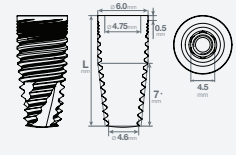
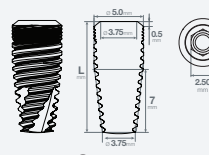
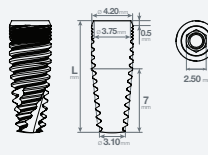
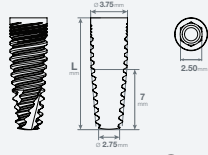
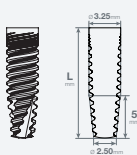
NARROW PLATFORM	
3.25	
10.0 mm	20-70018
11.5 mm	20-70019
13.0 mm	20-70020
16.0 mm	20-70021
\$150	

STANDARD PLATFORM	
3.75	
8.0 mm	20-70017
10.0 mm	20-70001
11.5 mm	20-70002
13.0 mm	20-70003
16.0 mm	20-70004
\$150	

STANDARD PLATFORM	
4.2	
8.0 mm	20-70006
10.0 mm	20-70007
11.5 mm	20-70008
13.0 mm	20-70009
16.0 mm	20-70010
\$150	

STANDARD PLATFORM	
5.0	
8.0 mm	20-70012
10.0 mm	20-70013
11.5 mm	20-70014
13.0 mm	20-70015
16.0 mm	20-70016
\$150	

WIDE PLATFORM	
6.0	
6.0 mm	20-70022
8.0 mm	20-70023
10.0 mm	20-70024
11.5 mm	20-70025
13.0 mm	20-70026
16.0 mm	20-70027
\$150	



**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [patop@oralartsdental.com](mailto:patop@oralartsdental.com)

# 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

	1mm	2mm	3mm	4mm	5mm	6mm	7mm
<p>Ø 4.0 mm</p> <p>1mm 2mm 3mm 4mm 5mm 6mm 7mm</p> <p>Ø 4.0 mm</p>							
	55-70009	55-70010	55-70011	55-70014	55-70015	55-70018	55-70019
	\$40	\$40	\$40	\$40	\$40	\$40	\$40

## STANDARD PLATFORM

	1mm	2mm	3mm	4mm	5mm	6mm	7mm
<p>Ø 4.5 / Ø 5.5 mm</p> <p>1mm 2mm 3mm 4mm 5mm 6mm 7mm</p>	<p>Ø 4.5 mm</p>						
	55-70003	55-70001	55-70004	55-70002	55-70013	55-70020	55-70021
	\$40	\$40	\$40	\$40	\$40	\$40	\$40
<p>Ø 5.5 mm</p>							
	55-70005	55-70006	55-70007	55-70008	55-70016		
	\$40	\$40	\$40	\$40	\$40		

## WIDE PLATFORM

	2mm	4mm	6mm
<p>Ø 6.5 mm</p> <p>2mm 4mm 6mm</p> <p>Ø 6.5 mm</p>			
	55-70022	55-70023	55-70024
	\$40	\$40	\$40

# STRAIGHT 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

	2mm	3mm	5mm
<p>Ø 4.0 mm</p> <p>2mm 3mm 5mm</p> <p>Ø 4.0 mm</p>			
	55-70028	55-70029	55-70030
	\$40	\$40	\$40

## STANDARD PLATFORM

	2mm	3mm	5mm
<p>Ø 4.5 mm</p> <p>2mm 3mm 5mm</p> <p>Ø 4.5 mm</p>			
	55-70025	55-70026	55-70027
	\$40	\$40	\$40

## WIDE PLATFORM





	2mm	4mm	6mm
<p>Ø 6.5 mm</p> <p>2mm 4mm 6mm</p> <p>Ø 6.5 mm</p>			
	55-70031	55-70032	55-70033
	\$40	\$40	\$40

# 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 patient's 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	Closed Tray	Scan Abutment	Analog
			
56-70016	56-70017	30-70102	56-70015
\$41	\$41	\$80	\$40

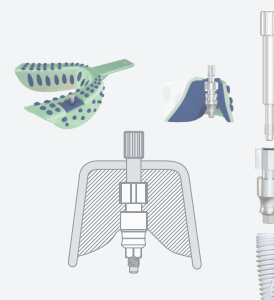
## STANDARD PLATFORM

IMPRESSION COPINGS			
Open Tray for Ratchet	Closed Tray	Scan Abutment	Analog
			
56-70005	56-70006	30-70101	56-70002
\$41	\$41	\$80	\$40

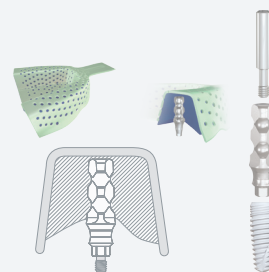
## WIDE PLATFORM

IMPRESSION COPINGS			
Open Tray for Ratchet	Closed Tray	Scan Abutment	Analog
			
56-70029	56-70030	30-70106	56-70028
\$41	\$41	\$80	\$40

## Open Tray Procedure



## Closed Tray Procedure



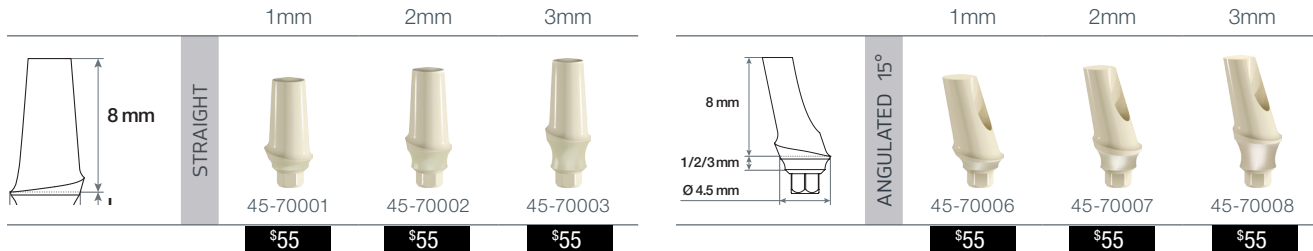
**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# TEMPORARY PEEK ABUTMENTS

PEEK components are used for short term rehabilitation. PALTOP's expanded product line of Plastic Temporary Abutments is fabricated from an esthetic tooth-colored polymer which is easily modified and works well with common temporary materials including acrylic and composite. The PEEK abutments' polymer is one of the most chemically resistant polymers available and exhibits a superior combination of strength, stiffness and toughness making it ideally suited for medicaldevice applications. PALTOP's PEEK abutments present a simple and esthetic solution for soft tissue management.

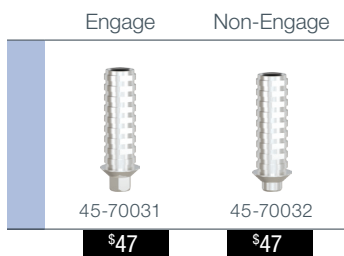
## STANDARD PLATFORM



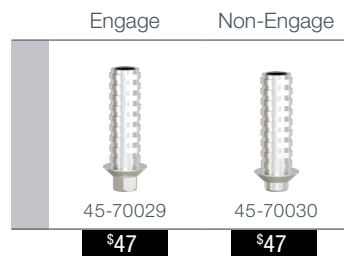
# TEMPORARY TITANIUM ABUTMENTS

A new titanium temporary abutment for screw-retained restorations is now available in engage and non-engage connections for the Advanced SP and NP implants.

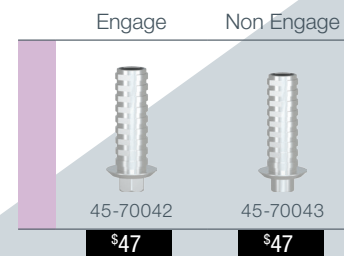
## NARROW PLATFORM



## STANDARD PLATFORM



## WIDE PLATFORM

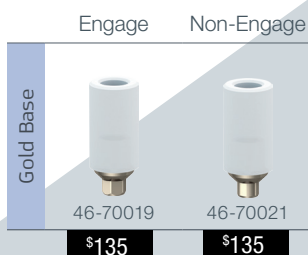


# GOLD BASE CASTABLE ABUTMENTS.

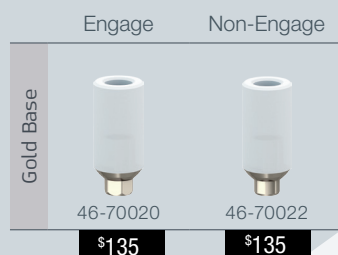
Paltop's Gold Base Castable Abutments may be used for casting individual abutments and screw-retained crowns/ bridges directly to the implant connection.

These abutment assemblies consist of a gold alloy interface implant connection for high accuracy and excellent sealing, and a burn-out plastic cylinder for casting. Paltop offers Gold Base Castable Abutments for Advanced Standard Platform and Advanced Narrow Platform. For each Platform, an Engage and a Non-Engage connection is available for multiple implant bridges.

## NARROW PLATFORM



## STANDARD PLATFORM



# 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). PALTOP's 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

	1mm	2mm	3mm		1mm	2mm	3mm		1mm	2mm	3mm
 Concave Abutment Ø 4.0mm				 Anatomic Abutment Ø 4.0mm				 Anatomic Concave Abutments Ø 4.0mm			
	\$85	\$85	\$85		\$85	\$85	\$85		\$85	\$95	\$95

## STANDARD PLATFORM

	1mm	2mm	3mm	4mm		1mm	2mm	3mm	
 Concave Abutment Ø 4.5mm					 Anatomic Abutment Ø 4.5mm				 Slim Knife Edge Straight
	\$85	\$85	\$85	\$85		\$95	\$95	\$95	
 Concave Abutment Ø 5.5mm	1mm	2mm	3mm		 Anatomic Concave Abutment Ø 4.5mm	1mm	2mm	3mm	 40-70013 \$80
\$85	\$85	\$85		\$95	\$95	\$95			

## WIDE PLATFORM

	1mm	2mm	3mm	4mm		1mm	2mm	3mm	4mm
 Anatomic Abutment Ø 6.5mm					 Anatomic Concave Abutments Ø 6.5mm				
	\$85	\$85	\$85	\$85		\$95	\$95	\$95	\$95

# SCREWS

NARROW PLATFORM				STANDARD PLATFORM					MULTI-UNIT			
Open Tray		Closed Tray		Open Tray			Closed Tray		Abutment Screw	Screw	Open Tray Screw	Closed Tray Screw
Impression Coping Slim Screw	Impression Coping Screw for Ratchet	Impression Coping Screw	Abutment Screw	Impression Coping Slim Screw Short	Impression Coping Slim Screw	Impression Coping Screw for Ratchet	Impression Coping Screw					
80-70033	80-70008	80-70009	80-70010	80-70031	80-70032	80-70003	80-70004	80-70002	80-70005	80-70006	80-70002	

Questions or want to place an order?

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# 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

		1mm	2mm	3mm		1mm	2mm	3mm
	15°	Anatomic Angulated Abutments			Anatomic Concave Angulated Abutments			
		\$95	\$95	\$95		\$95	\$95	\$95
	20°	Anatomic Angulated Abutments			Anatomic Concave Angulated Abutments			
		\$95	\$95	\$95		\$95	\$95	\$95

## STANDARD PLATFORM

		1mm	2mm	3mm		1mm	2mm	3mm	4mm
	15°	Anatomic Angulated Abutments			Anatomic Concave Angulated Abutments				
		\$85	\$85	\$85		\$85	\$85	\$85	\$85
	25°	Anatomic Angulated Abutments			Anatomic Concave Angulated Abutments				
		\$85	\$85	\$85		\$85	\$85	\$85	
	Knife Edge	15°		25°					
		\$80	\$80						

# 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		STRAIGHT					ANGULATED 17°	
		1mm	2mm	3mm	4mm	5mm	3mm	4.5mm
		\$95	\$95	\$95	\$95	\$95	\$155	\$155

STANDARD PLATFORM		STRAIGHT					ANGULATED 17°		ANGULATED 30°	
		1mm	2mm	3mm	4mm	5mm	2.5mm	4mm	3.5mm	4.5mm
		\$95	\$95	\$95	\$95	\$95	\$155	\$155	\$155	\$155

WIDE PLATFORM		STRAIGHT				ANGULATED 17°
		1mm	2mm	3mm	4mm	3mm
		\$95	\$95	\$95	\$95	\$155

- Closed Tray
- Open Tray
- Scan Abutment
- Analog
- Healing Cap
- Temporary Titanium
- Castable
- Titanium Interface Coping

\$41	\$41	\$80	\$40	\$45	\$95	\$95	\$80

Questions or want to place an order?

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

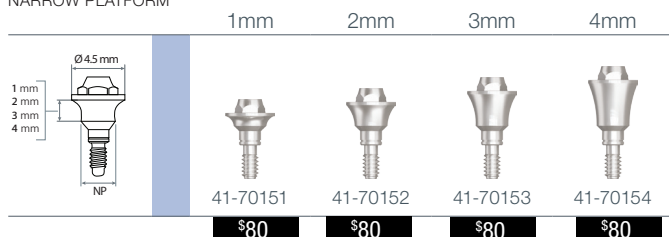
# SINGLE-UNIT

A unique system for a single implant tooth restoration.

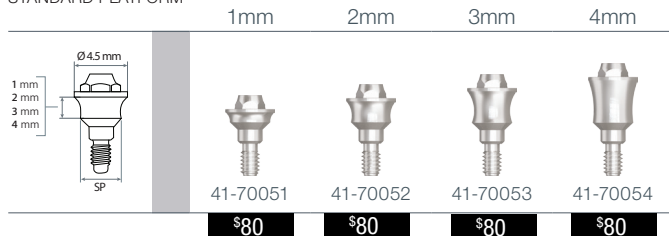
## System Benefits

- The single-unit abutment is connected to the implant immediately after implant placement or implant uncovering. The single-unit abutment's size is chosen according to the transgingival height. Once connected, the single-unit abutment and the implant function as one integrated unit (One Abutment - One Time)
- All the prosthetic steps are carried out at tissue level. This is a significant advantage both to patient and dentist.
- The concave profile of the single-unit abutment enables maturation of the soft tissue in a thicker and stable form.
- As the single-unit abutment is a solid piece (no screw hole), it eliminates penetration of any bacteria and other contaminants to the implant-abutment interface.
- The crown can be either screw-retained to the single-unit abutment or cemented over an abutment that is screw-retained to the single-unit.

### NARROW PLATFORM



### STANDARD PLATFORM



Closed Tray	Open Tray	Scan Abutment	Abutment Analog	Healing Cap	Temporary Titanium	Castable	Titanium Interface Coping
56-70021	56-70023	30-70104	56-70022	55-70012	41-70056	41-70057	41-70059
\$44	\$44	\$80	\$40	\$45	\$80	\$30	\$80

# TITANIUM BASE

A titanium base for individual abutments or screw-retained crown/bridge with 1mm and 3mm tissue height is now available.

This titanium base has a unique concave design enabling the soft tissue to form a dense layer surrounding the trans-gingival interconnection.

It is now available in engage and non-engage connections.

PALTOP offers a Titanium base with a precise titanium implant connection and a mount for attaching materials such as zirconia.

## NARROW PLATFORM

	Engage 1mm	Non-Engage 1mm	Engage 3mm	Non-Engage 3mm
	40-70067	40-70080	40-70095	40-70097
	\$72	\$72	\$72	\$72

## STANDARD PLATFORM

	Engage 1mm	Non-Engage 1mm	Engage 3mm	Non-Engage 3mm
	40-70066	40-70079	40-70094	40-70096
	\$72	\$72	\$72	\$72

## WIDE PLATFORM

	Engage 1mm	Non Engage 1mm
	40-70128	40-70129
	\$72	\$72

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)



# 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. PALTOP's 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 ( $\alpha$ ) to the abutment angle ( $\beta$ ) the greater the mechanical retention for eliminating micro movement.

### 2. Sealing against bacterial endotoxin leakage:

The larger the angle ( $\alpha$ ), 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:

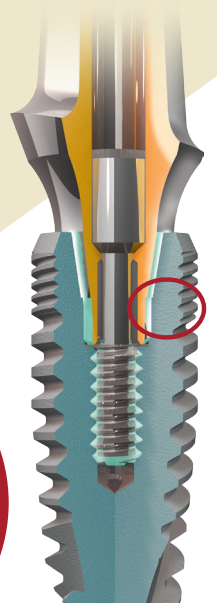
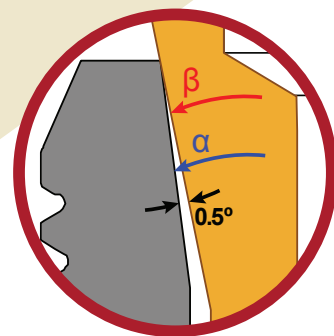
Minimizes the number of prosthetic connections while providing a variety of prosthetic options.



## The PALTOP Advantage

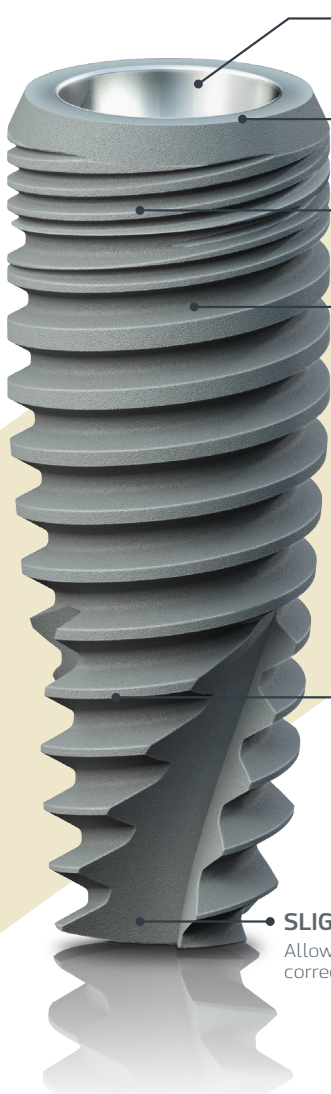
Through an understanding of biology, engineering, materials science and practical clinical usage, the PALTOP Conical Connection was developed.

- ✓ The PALTOP implant angle ( $\alpha$ ) and the abutment angle ( $\beta$ ) are produced in an accuracy of  $0.5^\circ$  to achieve excellent retention and zero micro movement.
- ✓ The PALTOP  $22^\circ$  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.



# PCA

## PALTOP CONICAL ACTIVE



**UNIQUE CONICAL CONNECTION**

**PLATFORM SHIFTING AND PLATFORM SWITCHING**

Enables soft tissue to grow, minimizes bone resorption and creates the optimal esthetic result

**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

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

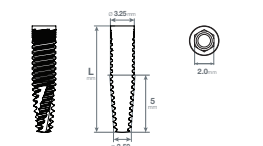
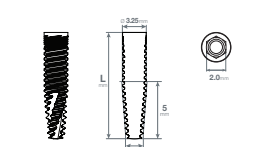
**INITIAL STABILITY**

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

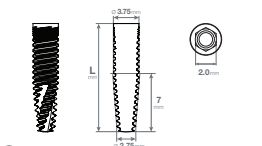
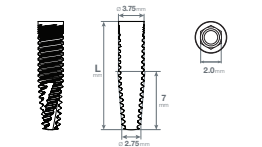
**SLIGHTLY ACTIVE APEX**

Allows easier insertion to the correct implant depth

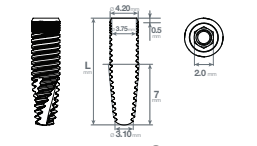
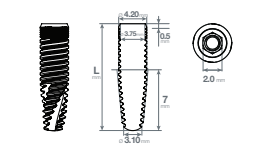
3.25mm D	
10.0mm	22-70018
11.5mm	22-70019
13.0mm	22-70020
16.0mm	22-70021
<b>\$160</b>	



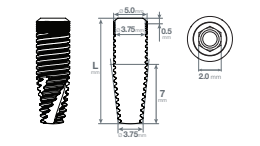
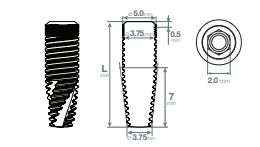
3.75mm D	
8.0mm	22-70017
10.0mm	22-70001
11.5mm	22-70002
13.0mm	22-70003
16.0mm	22-70004
<b>\$160</b>	



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
<b>\$160</b>	



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
<b>\$160</b>	

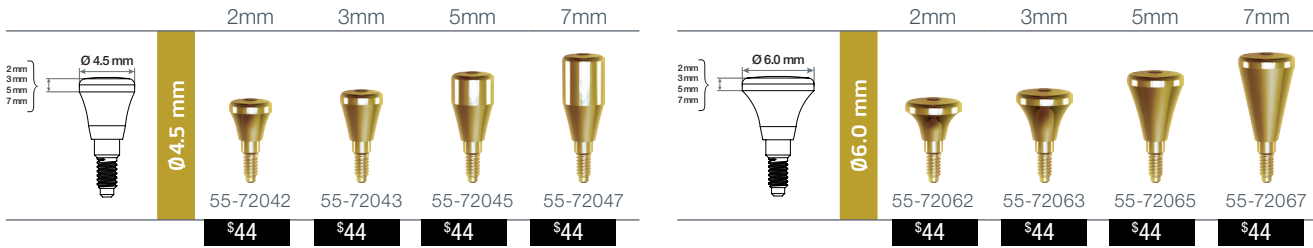


**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

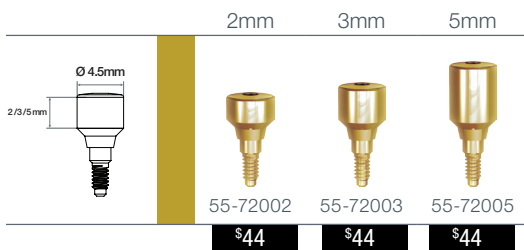
# CONCAVE HEALING CAPS

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.

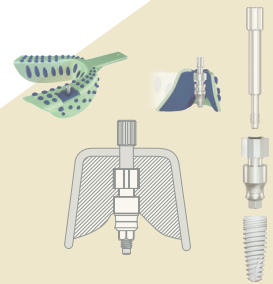


# IMPRESSION COPING

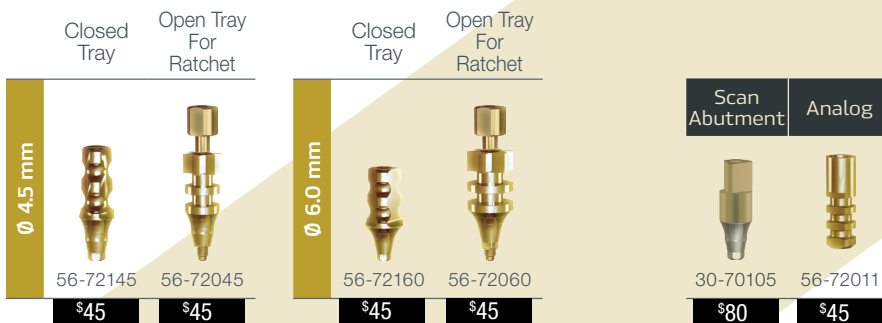
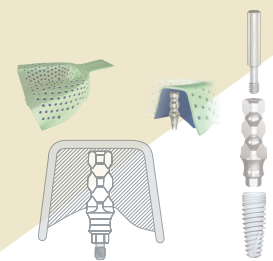
PALTOP impression coping components fit the concave profile and match the complete PALTOP prosthetic line.

The PALTOP impression coping is attached to the implant, and then a mold or impression is taken of the patient's 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 intra-oral scanner.

Open Tray Procedure



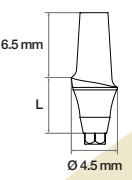





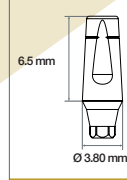
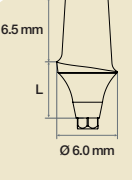






Closed Tray Procedure



# STRAIGHT TITANIUM ABUTMENTS

## 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). PALTOP's 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.







	1mm	2mm	3mm	4mm	5mm	
 6.5 mm L Ø 4.5 mm	 40-72041	 40-72042	 40-72043	 40-72044	 40-72045	 6.5 mm L Ø 3.80 mm
Ø 4.5 mm	\$105	\$105	\$105	\$105	\$105	
 6.5 mm L Ø 6.0 mm	 40-72061	 40-72062	 40-72063	 40-72064	 40-72065	 6.5 mm L Ø 3.80 mm
Ø 6.0 mm	\$105	\$105	\$105	\$105	\$105	

# ANGULATED TITANIUM 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.

	1mm	2mm	3mm	4mm	5mm	
 6.5 mm L Ø 4.50 mm 20°	 40-72241	 40-72242	 40-72243	 40-72244	 40-72245	 6.5 mm L Ø 4.50 mm 20°
20°	\$105	\$105	\$105	\$105	\$105	

# SCREWS

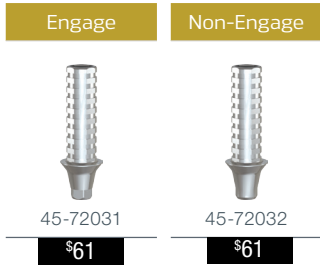
Open Tray screw For Ratchet	Open Tray Slim screw	Abutment Screw Conical connection	Multi-Unit Screw	Multi-Unit Closed Tray Screw	Multi-Unit Open Tray Screw
 80-70008	 80-70009	 80-72002	 80-70005	 80-70002	 80-70006

Questions or want to place an order?

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

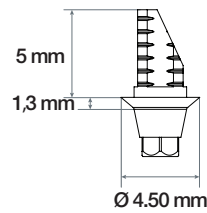
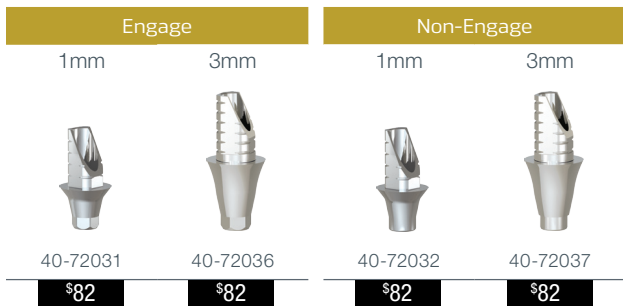
# TEMPORARY TITANIUM

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



# TITANIUM BASE

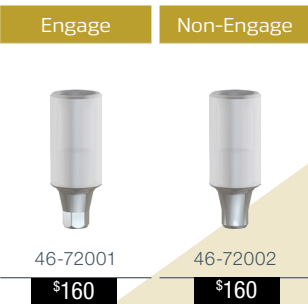
A titanium base for individuals abutments or screw-retained crown/bridge with 1mm and 3mm tissue height is now available. This titanium base has a unique concave design enabling the soft tissue to form a dense layer surrounding the trans-gingival interconnection. PALTOP offers a Titanium base with a precise titanium implant connection and a mount for attaching materials such as zirconia.



# GOLD BASE CASTABLE

*Superior option for fabricating implant-level custom cast restorations.*

PALTOP's Gold Base Castable Abutments may be used for casting individual abutments and screw-retained crowns/ bridges directly to the implant connection. These abutment assemblies consist of a gold alloy interface implant connection for high accuracy and excellent sealing, and a burn-out plastic cylinder for casting.



# 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.

	1mm	2mm	3mm	4mm	5mm
	42-72041	42-72042	42-72043	42-72044	42-72045
	\$95	\$95	\$95	\$95	\$95

	3mm	4mm
	42-72017	
	\$171	\$171

Closed Tray	Open Tray	Scan Abutment	Analog	Healing Cap	Titanium	Castable	Titanium Interface Coping
-------------	-----------	---------------	--------	-------------	----------	----------	---------------------------

56-72003	56-72002	30-70103	56-72001	55-72010	42-70020	42-70021	42-70022
\$41	\$41	\$80	\$40	\$45	\$95	\$95	\$80

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# SINGLE-UNIT

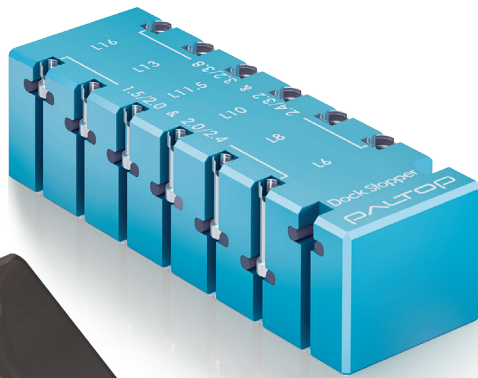
A unique system for a single implant tooth restoration

- The single-unit abutment is connected to the implant immediately after implant placement or implant uncovering.
- The single-unit abutment's size is chosen according to the transgingival height. Once connected, the single-unit abutment and the implant function as one integrated unit. (One Abutment - One Time)
- All the prosthetic steps are carried out at tissue level. This is a significant advantage both to patient and dentist.
- The concave profile of the single-unit abutment enables maturation of the soft tissue in a thicker and stable form.
- As the single-unit abutment is a solid piece (no screw hole), it eliminates penetration of any bacteria and other contaminants to the implant-abutment interface.
- The crown can be either screw-retained to the single-unit abutment or cemented over an abutment that is screwretained to the single-unit.














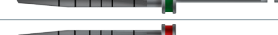
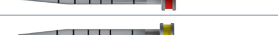


# PALTOP SURGICAL

# KITS



# COMPACTKIT

cat # 60-70111






















Drill extender		60-70019	1	74.00
2.5 hex manual driver for ratchet		60-70009	1	45.00
2.0 hex manual driver for ratchet		60-70012	1	45.00
1.25 manual driver		60-70006	1	45.00
Parallel pin 1.5-2.0mm		60-70015	2	27.00
Pilot drill (spade)		60-70020	1	135.00
1.5/2.0 mm long drill		60-70048	1	135.00
2.0/2.4 mm long drill		60-70050	1	135.00
2.4/3.2 mm long drill		60-70052	1	135.00
3.2/3.8 mm long drill		60-70054	1	135.00
Final drill for 3.25 mm implant		60-70035	1	135.00
Final drill for 3.75 mm implant		60-70037	1	135.00
Final drill for 4.2 mm implant		60-70039	1	135.00
Final drill for 5.0 mm implant		60-70041	1	135.00
Ratchet		60-7001	1	194.00



**\$1750** **The Compact Kit:**  
This kit has the minimum number of tools to place all PALTOP implants. Allows only manual insertion of the implants.

# BASICKIT

cat # 60-70110

Key Ratchet adapter		60-70100	2	45.00
Drill extender		60-70019	1	74.00
1.25 manual driver		60-70006	1	68.00
Long 1.25 Hex key		60-70101	1	45.00
Short 1.25 Hex key		60-70102	1	45.00
Long 2.5 Hex key		60-70103	1	45.00
Short 2.5 Hex key		60-70104	1	45.00
Long 2.0 Hex key		60-70105	1	45.00
Short 2.0 Hex key		60-70106	1	45.00
Parallel pin 1.5-2.0mm		60-70015	4	27.00
Pilot drill (spade)		60-70020	1	135.00
1.5/2.0 mm long drill		60-70048	1	135.00
2.0/2.4 mm long drill		60-70050	1	135.00
2.4/3.2 mm long drill		60-70052	1	135.00
3.2/3.8 mm long drill		60-70054	1	135.00
Final drill for 3.25 mm implant		60-70035	1	135.00
Final drill for 3.75 mm implant		60-70037	1	135.00
Final drill for 4.2 mm implant		60-70039	1	135.00
Final drill for 5.0 mm implant		60-70041	1	135.00
Torque Ratchet		60-70042	1	199.00
Hand Driver		60-70014	1	225.00



**\$2500**

### The Basic Kit:

























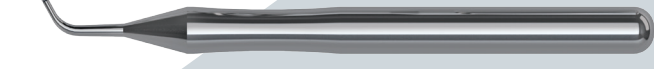


This kit has a smaller tray that can be sterilized in all sizes of autoclaves. The full range of PALTOP implants can all be surgically placed using the Basic Kit. The Basic Kit has the following additions over the Compact Kit: Hand Driver, set of adapters, and 6 keys for use with the contra angle. Manual hex drivers for ratchet are not included.

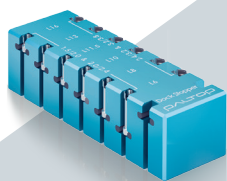
### Questions or want to place an order?

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# PREMIUMKIT

cat # 60-70112

Key Ratchet adapter		60-70100	2	45.00
Drill extender		60-70019	1	74.00
1.25 manual driver		60-70006	1	68.00
Long 1.25 Hex key		60-70101	1	45.00
Short 1.25 Hex key		60-70102	1	45.00
Long 2.5 Hex key		60-70103	1	45.00
Short 2.5 Hex key		60-70104	1	45.00
Long 2.0 Hex key		60-70105	1	45.00
Short 2.0 Hex key		60-70106	1	45.00
Parallel pin 1.5-2.0mm		60-70015	4	27.00
Pilot drill (spade)		60-70020	1	135.00
1.5/2.0 mm long drill		60-70048	1	135.00
1.5/2.0 mm short drill		60-70047	1	135.00
2.0/2.4 mm long drill		60-70050	1	135.00
2.0/2.4 mm short drill		60-70049	1	135.00
2.4/3.2 mm long drill		60-70052	1	135.00
2.4/3.2 mm short drill		60-70051	1	135.00
3.2/3.8 mm long drill		60-70054	1	135.00
3.2/3.8 mm short drill		60-70053	1	135.00
Final drill for 3.25 mm implant		60-70035	1	135.00
Final drill for 3.75 mm implant		60-70037	1	135.00
Final drill for 4.2 mm implant		60-70039	1	135.00
Final drill for 5.0 mm implant		60-70041	1	135.00
Torque Ratchet		60-70042	1	199.00
Drill Depth Probe		60-70073	1	45.00
Hand Piece		60-70014	1	225.00
Drill Stop Kit		60-70200	1	475.00



**\$3500**

**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.

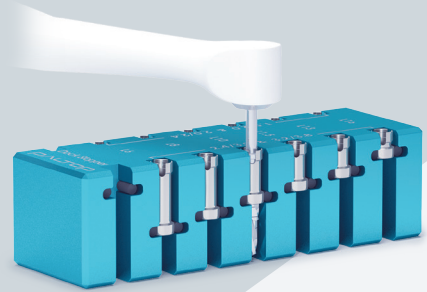
# DrillStopkit \$475

cat # 60-70200

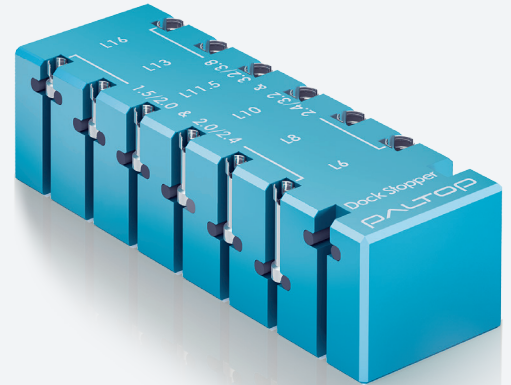
One Simple Drill Stop Kit for All Implant Dimensions

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	6mm	
1.5/2.0 & 2.0/2.4 Drills							
	60-70206	60-70205	60-70204	60-70203	60-70202	60-70201	
	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	
	2.4/3.2 & 3.2/3.8 Drills						
		60-70212	60-70211	60-70210	60-70209	60-70208	60-70207
		<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>	<span style="background-color: black; color: white; padding: 2px;">\$39</span>



# Osteotomekit \$913

cat# 60-70080



\$100 \$100 \$100 \$100

- A osteotome for 3.25 implant - Cat. # 60-70081
- B osteotome for 3.75 implant - Cat. # 60-70082
- C osteotome for 4.2 implant - Cat. # 60-70083
- D osteotome for 5.0 implant - Cat. # 60-70084



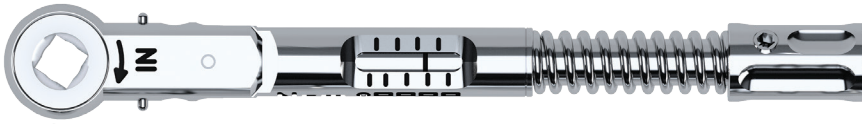
**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# SURGICALKITS TORQUE RATCHET

\$199

cat # 60-70042



# COUNTERSINK

\$135

for 5mm&6mm Implant

cat # 60-70103



# 6MM

# WIDE IMPLANT DRILLING KIT

cat # 60-70114



# PARALLEL PINS KIT

cat # 60-70115

Final Depth Pins are intended to verify parallelism with multiple implant cases. They are available for the following implant diameters: 3.25, 3.75, 4.25, 5.0.


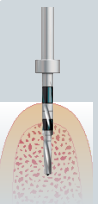
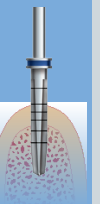
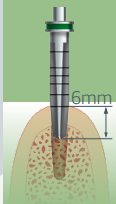

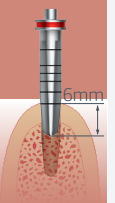
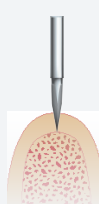
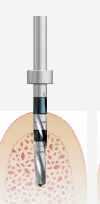
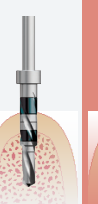
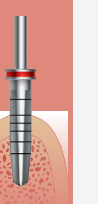
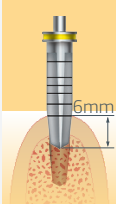
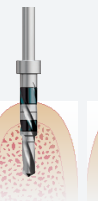
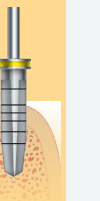

	60-70085	99.00
	60-70086	99.00
	60-70087	99.00
	60-70088	99.00
	60-70134	35.00
	60-70135	35.00
	60-70136	35.00
	60-70137	35.00

\$240



# SURGICAL DRILLING SEQUENCES

## D2-D3 TYPE BONE | Standard Bone

 <p><b>Ø 3.25mm</b></p>	Pilot Drill	Ø 2.0 Ø 1.5	final Ø 3.25	optional		final Ø 3.75				
				<p>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).</p>						
 <p><b>Ø 3.75mm</b></p>	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	final Ø 3.75	optional		final Ø 4.2			
					<p>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).</p>					
 <p><b>Ø 4.2mm</b></p>	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	final Ø 4.2	optional		final Ø 5.0		
						<p>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).</p>				
 <p><b>Ø 5.0mm</b></p>	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	optional		Counter Sink Ø 5.0	
							<p>If there is dense cortical plate then countersink the osteotomy using the 5.0 Counter Sink.</p>			

\*Optional: Drilling sequence may begin with drill Ø 2.4 / Ø 2.0

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


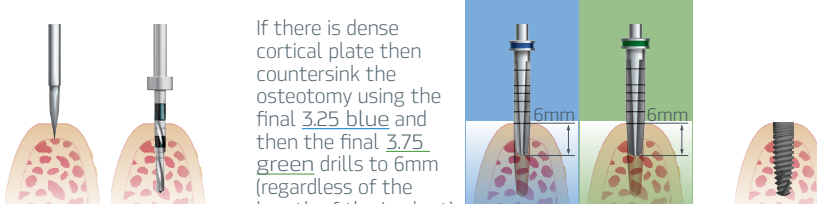
**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)


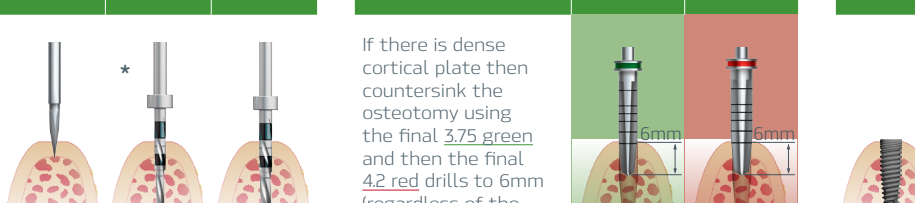
# SURGICAL DRILLING SEQUENCES

## D3-D4 TYPE BONE | Soft Bone


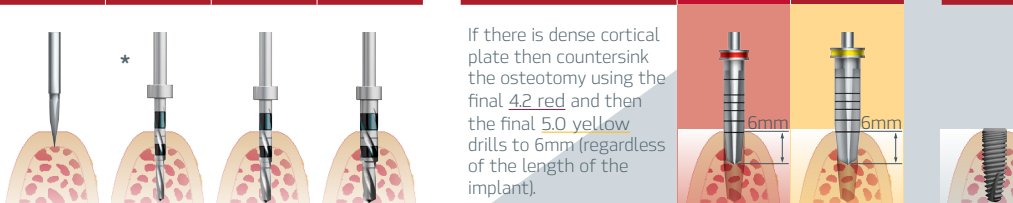
**optional**

 <p>Ø 3.25mm</p>	Pilot Drill	Ø 2.0 Ø 1.5		final Ø 3.25	final Ø 3.75	
	<p>If there is dense cortical plate then countersink the osteotomy using the final 3.25 blue and then the final 3.75 green drills to 6mm (regardless of the length of the implant).</p>					


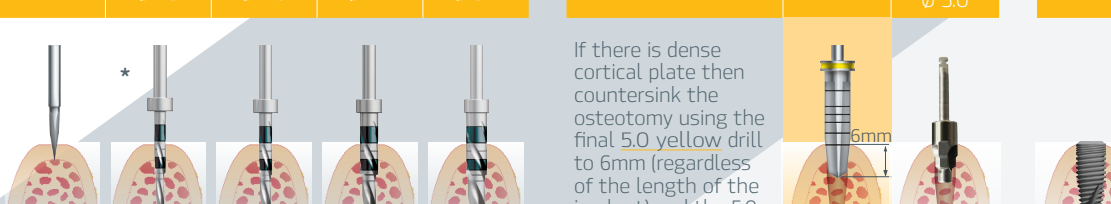
**optional**

 <p>Ø 3.75mm</p>	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0		final Ø 3.75	final Ø 4.2	
	<p>If there is dense cortical plate then countersink the osteotomy using the final 3.75 green and then the final 4.2 red drills to 6mm (regardless of the length of the implant).</p>						

**optional**

 <p>Ø 4.2mm</p>	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	
	<p>If there is dense cortical plate then countersink the osteotomy using the final 4.2 red and then the final 5.0 yellow drills to 6mm (regardless of the length of the implant).</p>							

**optional**


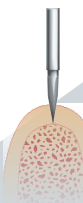
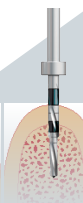
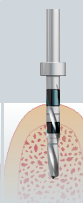
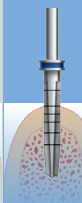


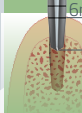
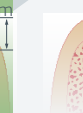

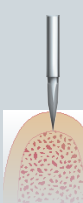
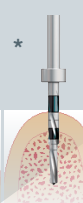
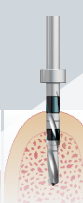


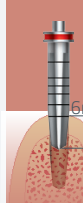




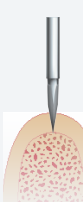
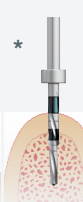
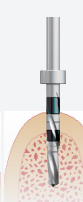
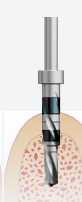
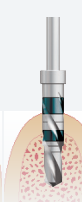
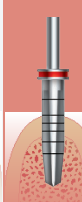
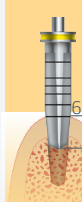

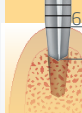
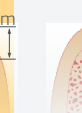

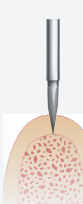

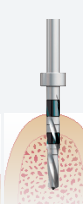
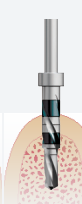
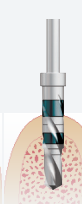
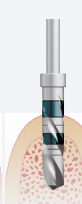
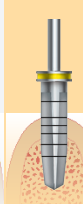
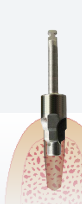



 <p>Ø 5.0mm</p>	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	Ø 3.8 Ø 3.2		final Ø 5.0	Counter Sink Ø 5.0	
	<p>If there is dense cortical plate then countersink the osteotomy using the final 5.0 yellow drill to 6mm (regardless of the length of the implant) and the 5.0 Countersink</p>								

\*Optional: Drilling sequence may begin with drill Ø 2.4 / Ø 2.0

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

# SURGICAL DRILLING SEQUENCES

## D1-2 TYPE BONE | Dense Bone

<b>Ø 3.25mm</b> 	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	final Ø 3.25	optional				
									
<p>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).</p>					 				
<b>Ø 3.75mm</b> 	Pilot Drill	Ø 2.0 Ø 1.5	Ø 2.4 Ø 2.0	Ø 3.2 Ø 2.4	final Ø 3.75	optional			
									
<p>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).</p>					 				
<b>Ø 4.2mm</b> 	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 4.2	optional		
									
<p>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).</p>					 				
<b>Ø 5.0mm</b> 	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 3.8	final Ø 5.0	optional	
									
<p>If there is dense cortical plate then countersink the osteotomy using the 5.0 Counter Sink. As you use the Counter Sink to it's full depth there will be less engagement of the cortical bone.</p>					 				

\*Optional: Drilling sequence may begin with drill Ø 2.4 / Ø 2.0

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

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# ADVANCED, SIMPLIFIED & COST-EFFECTIVE DIGITAL TREATMENT WORKFLOW

PALTOP offers a broad range of solutions for the complete digital workflow for the Doctor and Oral Arts, including surgical and restorative digital applications.

PALTOP's digital treatment workflow enables Doctors to perform simple, safe and accurate pre-planned surgical and restorative procedures utilizing cutting edge technology.

PALTOP offers a variety of digital dental products that allow pre-planned, state-of-the-art, accurate and quick treatment. PALTOP offers all the complementary components and tools necessary to have a complete digital workflow, whether designed by the Doctor, Oral Arts, or by PALTOP.



Compatible with the following Editing and Design Software:

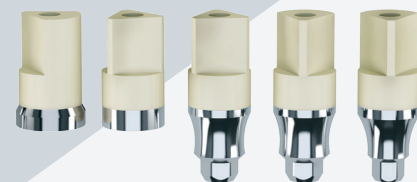
<b>3shape</b> 	<b>PLANMECA</b> ®	<b>Blue Sky Plan</b> ®
<b>exocad</b>	 dental wings	<b>Zirkonzahn</b>

Oral Arts accepts scans from all intraoral scanners. Visit [www.oralartsdental.com/intraoral-scanners/](http://www.oralartsdental.com/intraoral-scanners/) for more info.

\*Digital file submission cut off time 11am CST.

## SCAN ABUTMENTS

PALTOP Scan Abutments retain a unique geometry that allows easy and accurate scanning. A titanium base ensures a precise fit for accurate scanning, while the PEEK top allows visibility of the component in the oral surface scan. PALTOP Scan Abutments are suitable for both intra-oral and laboratory scanning.



\$80

# \*SURGICAL GUIDES

PALTOP offers a Surgical Guide that enables accurate positioning of the implants based on 3D CAD digital planning. The surgical guide enables optimal placement of the implant in position, angulation and depth.

- ⊙ Optimal implant position
- ⊙ Accurate drilling
- ⊙ Full visibility
- ⊙ Effective irrigation
- ⊙ Simple to use
- ⊙ Matches PALTOP's Standard protocol and surgical kit

## Tooth-Supported Surgical Guide

When there are at least three stable teeth present in the mouth, a tooth-supported surgical guide may be used in guided surgery. The guide is designed to fit to the teeth, while small windows in the surgical guide enable the Doctor to see through and verify the fit.



## Tissue-Supported Surgical Guide

In fully edentulous cases, the surgical guide is supported by the tissue while fixation pins fix the surgical guide to its correct position during surgery.



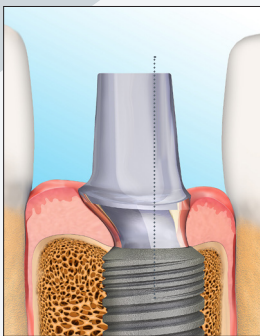
*\*Submit CT/dicom files as zip files to Oral Arts customer portal. CT scans must include patient name.(required)*

**\$150 / plan**

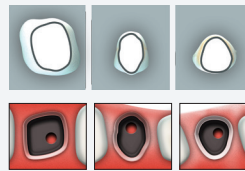
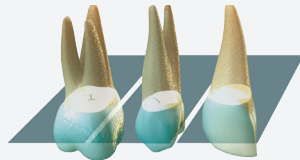
**\$125 / guide** (+cost of sleeves) \$20 each.

# CUSTOM ABUTMENTS

Oral Arts offers custom abutments ideal for implant-based oral restorations that provide a compatible match to a patient's oral anatomy.



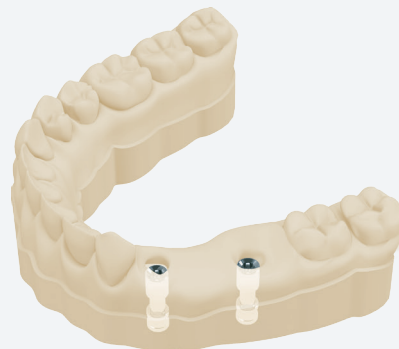
- Patient specific customization
- Optimal fit to tooth structure
- Compensation for anatomical considerations



# 3D PRINTED MODELS

Oral Arts offers 3D printed models that will replace traditional stone models.

3D Printed Models are more accurate and simple to produce. Specially designed DIM Analogs represent implant connections. DIM Analogs are also available separately for laboratory use.







**Questions or want to place an order?**




Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

# DIGITAL PRODUCTS













Multi-Unit Scan Abutment	Single-Unit Scan Abutment	Narrow Platform Scan Abutment	Standard Platform Scan Abutment	Conical Platform Scan Abutment
--------------------------	---------------------------	-------------------------------	---------------------------------	--------------------------------

				
30-70103	30-70104	30-70102	30-70101	30-70105
\$80	\$80	\$80	\$80	\$80







Narrow Platform DIM Analog	Standard Platform DIM Analog	Conical Platform DIM Analog
----------------------------	------------------------------	-----------------------------

		
30-70502	30-70501	30-70503
\$60	\$60	\$60





## TITANIUM BASES

	Engage 1mm	Non-Engage 1mm	Engage 3mm	Non-Engage 3mm
Hex Narrow Platform	 40-70067 \$75	 40-70080 \$75	 40-70095 \$75	 40-70097 \$75
Hex Standard Platform	 40-70066 \$75	 40-70079 \$75	 40-70094 \$75	 40-70096 \$75
Conical	 40-72031 \$75	 40-72032 \$75	 40-72036 \$75	 40-72037 \$75

## TEMPORARY TITANIUM ABUTMENTS

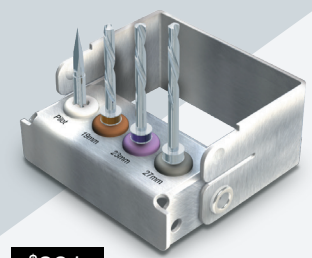
	Engage	Non-Engage
Hex Narrow Platform	 45-70031 \$47	 45-70032 \$47
Hex Standard Platform	 45-70029 \$47	 45-70030 \$47
Conical	 45-72031 \$47	 45-72032 \$47

## PILOT DRILLS FOR PALTOP SURGICAL GUIDE

30-70304	Pilot drill 2mm dia 27mm length		\$135
30-70303	Pilot drill 2mm dia 23mm length		\$135
30-70302	Pilot drill 2mm dia 19mm length		\$135
30-70301	Pilot drill (spade) for surgical guide		\$135

## PILOT DRILLS KIT

cat # 30-70023



\$231

# GUARANTEE



**IMPLANT LIFETIME**



**ABUTMENT 10 YEARS**

Advanced Dental Solutions Ltd.  
**PALTOP**



\* Upon PALTOP's Terms & Conditions



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

Registration No.: HD 60094554 0001  
 Report No.: 28106546 001

Manufacturer: **PALTOP Advanced Dental Solutions Ltd.**  
 5 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 II, 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) **12/08/2014**

**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 9<sup>th</sup> 2013 (G.U. n. 32 February 7<sup>th</sup> 2013)  
 Notified under No. 1936 to the EC Commission

CE CE



2016

**CERTIFICATE OF REGISTRATION**

This certifies that:  
**PALTOP ADVANCED DENTAL SOLUTIONS LTD**  
 5 Hashita Street  
 Caesarea Hasha, 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, CFR et seq. of the United States Code of Federal Regulations:

Establishment Registration: **3009161309**  
 Premarket Substitution Number: **K113795**  
 Device Classification Name: **IMPLANT, ENDOSSEOUS, ROOT-FORM**  
 Product Code: **0325**  
 Registration Number: **8723440**  
 Official Correspondent: **Registrar Corp**  
 144 Research Drive, Hampton, Virginia, 23666, USA  
 Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

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 representations or warranties, nor does this certificate make any representations or warranties to 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.

Pursuant to 21 CFR 807.39, "Registration of a device, establishment or assignment of a registration number does not in any way denote approval of the establishment or its products, any representation that creates an impression of official approval because of registration or possession of a registration number is misleading and constitutes misbranding."

The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. Registrar Corp is not affiliated with the U.S. Food and Drug Administration.

  
 Registrar Corp  
 Executive Director  
 Registrar Corp  
 Head Office: Caesarea, Israel

**Registrar Corp**  
 144 Research Drive, Hampton, Virginia, 23666, USA  
 Telephone: +1-757-224-0177 • Fax: +1-757-224-0179  
 info@registratorcorp.com • www.registratorcorp.com

## 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**  
**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. 0261404, proof has been furnished that the quality management system fulfills the requirements of the standard

**UNI CEI EN ISO 13485:2012**

Please refer to the Quality Manual for the details about the activities with respect to the requirements of the standard.  
 Certificate Registration No. **30 05 0551404**.

This Certificate is valid from 2014-05-12 to 2017-05-15.  
 The reference date for all the next audits is (day-month): 15-04.

Milan, 2014-09-12. TÜV Certification: 2011-05-16

  
 TÜV Rheinland Italia S.r.l.  
 TÜV Rheinland Italia S.r.l. - Via S. Madda 1 - I - 20010 Pogliano Milanese (MI)





www.tuvitalia.com TÜVRheinland®

## 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**  
**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. 0501405, proof has been furnished that the quality management system fulfills the requirements of the standard

**UNI EN ISO 9001:2008**

Please refer to the Quality Manual for the details about the activities with respect to the requirements of the standard.  
 Certificate Registration No. **30 00 0551404**.

This Certificate is valid from 2014-05-12 to 2017-05-15.  
 The reference date for all the next audits is (day-month): 15-04.

Milan, 2014-06-12. TÜV Certification: 2011-05-16

  
 TÜV Rheinland Italia S.r.l.  
 TÜV Rheinland Italia S.r.l. - Via S. Madda 1 - I - 20010 Pogliano Milanese (MI)





www.tuvitalia.com TÜVRheinland®

**Questions or want to place an order?**

Call Lacy Hollaway at 866-537-1034 or email us at [paltop@oralartsdental.com](mailto:paltop@oralartsdental.com)

PALTOP

OralArts  
DENTAL LABORATORIES HUNTSVILLE, ALABAMA