copa SKY

New Options!

New: Advanced prosthetic program

THE ULTRA SHORT

DENTAL INNOVATIONS
SINCE 1974

bredent group

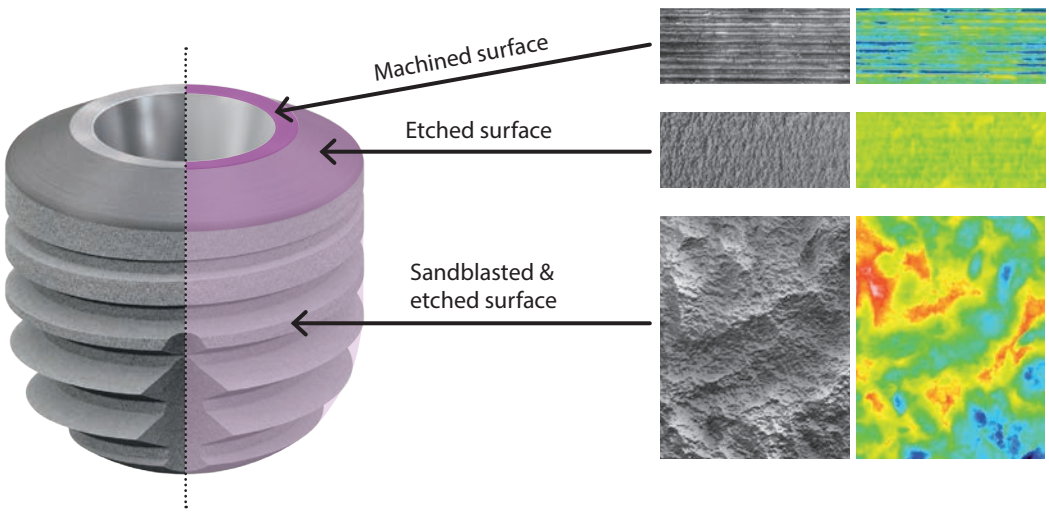
The ultra-short implant

The new copaSKY implant was developed especially for the rehabilitation of wide and flat alveolar ridges.

The use of this ultra-short implant, for example, avoids surgical procedures for bone augmentation in numerous cases. Optimum use of the available bone is ensured thanks to the implant design and the bone-oriented surgical protocol so that high primary stability and complete osseointegration are guaranteed.

This way traumatic stress for your patients and the number of treatment sessions can be reduced. Moreover, the favourable comprehensive product system enables you to acquire new patient groups and increases your success.

osseo-connect-surface (ocs): surface design for improved osseointegration

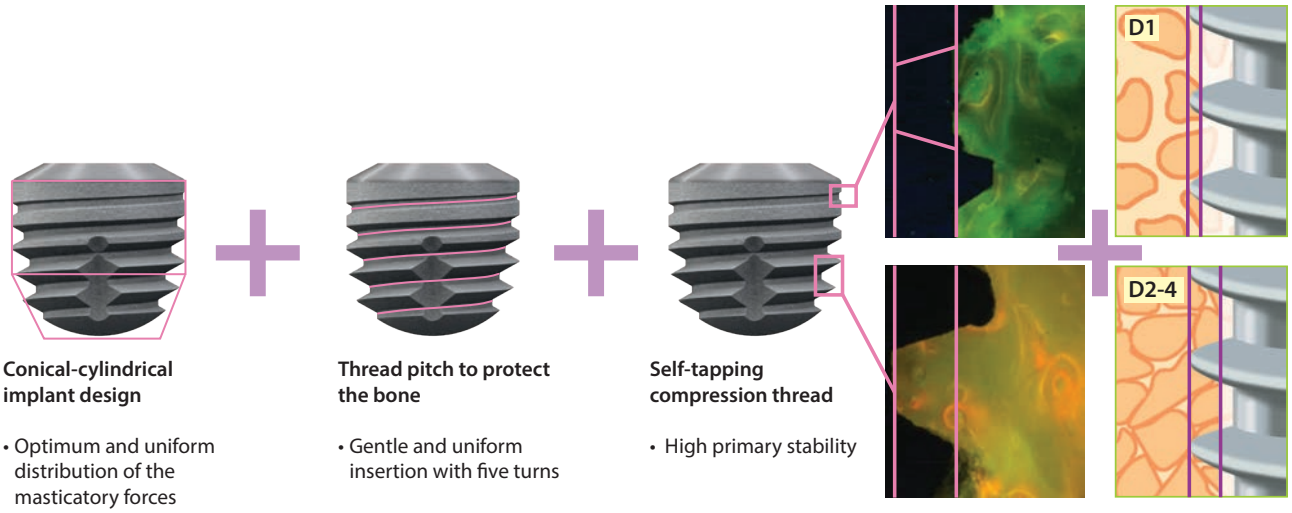


New implant – proven DNA

The first SKY implant was introduced in the dental market 15 years ago and has been continuously developed further since then. Similar to biological evolution, the good characteristics of the implants were constantly improved and included in extensions of the system later on.

Consequently, copaSKY bears the code of the implant design of blueSKY, the most successful implant in the history of immediate dental restorations.

Implant design and thread properties to increase the primary stability



Conical-cylindrical implant design

- Optimum and uniform distribution of the masticatory forces

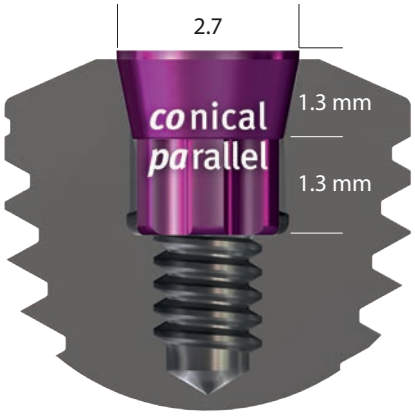
Thread pitch to protect the bone

- Gentle and uniform insertion with five turns

Self-tapping compression thread

- High primary stability

Connection geometry



The benefits of the conical-parallel connection

- A single connection geometry for all diameters reduces the number of prosthetic components to simplify stockkeeping and increase process reliability.
- Torx as gold standard for protection against rotation.
- Stable and reversible conical-parallel-walled implant-abutment connection for simple removal of the prosthetic restoration.

Indications

Patients with limited bone height require special solutions to benefit from the advantages of a reliable and durable implant restoration. The traditional procedure of building up the bone through augmentation or sinus lifting increases the number of treatment sessions and the costs as well. Moreover, anxious patients are deterred by the additional risk involved in such types of surgery and they are not willing to undergo such treatment.

Reaching the target with copaSKY:

- No complex augmentations - lower risk
- Reduction of trauma and prolonged healing phases
- Fewer appointments in the practice
- Faster restoration of function and aesthetics
- Lower overall costs

= satisfied patients
= acquiring new patient groups
= more success for your practice




Photos: Prof. Dr. Emanuel Bratu, University of Timisoara, Romania

What our users say about copaSKY

PD Dr. Jörg Neugebauer
Practice for dentistry,
Landsberg am Lech, Germany

Short and ultra-short implants have become established as an alternative to extensive augmentation and provide new options in the treatment of patients with limited bone volume. copaSKY impressed me particularly by its primary stability.

Prof. Dr. Emanuel Bratu
University of Timisoara, Romania

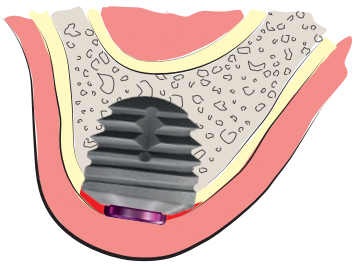
The use of the new short copaSKY implant enables you to achieve good primary stability in any type of bone. The Torx connection of the SKY system is strong enough to withstand the high insertion torque resulting from the large contact surfaces to the bone.
The use of the crestal drill is required in hard bone.

Prothetics – our recommendation

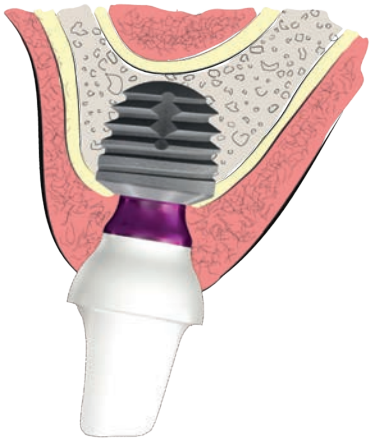
As a specialist for implant prosthetics and high-performance resins, the bredent group offers sophisticated prosthetic therapies to protect the available soft tissue in the best possible way. As a result, you are able to offer and treat your patients with natural, durable and highly aesthetic fixed and removable restorations.

For „one-time therapy", for example, you can use the proven and well-documented BioHPP copaSKY elegance abutment, which is inserted after the healing phase during exposure and does not have to be replaced between the temporary phase and subsequent insertion of the definitive restoration. This way the gingiva is protected and the physiological high-performance polymer BioHPP used for copaSKY BioHPP elegance acts as a stress breaker thanks to its natural charcteristics. In a comparison of elasticity, BioHPP is the only material to exhibit bone-like values.

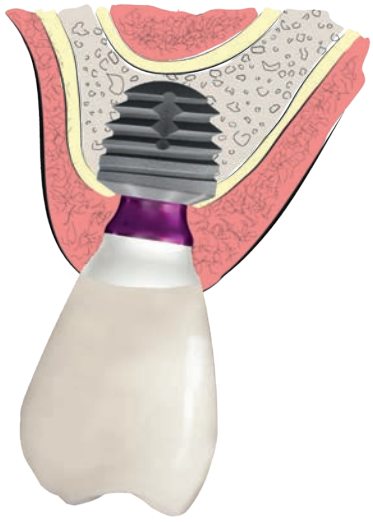
Hence the BioHPP copaSKY elegance abutment ensures long-term success.



1. Submerged healing
   + deposition of bone chips



2. Insertion
   BioHPP copaSKY elegance abutment
   + individualisation



3. Fixation of the crown

Dr. Michael Weiss
OPUS DC Ulm, Germany

The fear of numerous patients to have implant restorations in combination with complex surgical procedures can be eliminated through the use of the ultra-short copaSKY since the residual bone is used in the best possible way.
My initial experience is very promising.

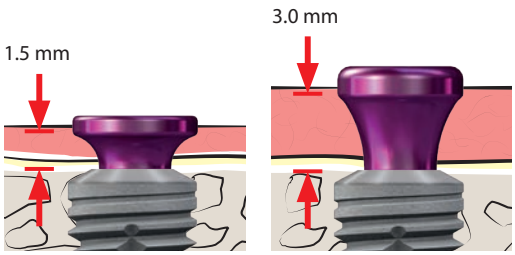
Dr. Burzin Khan MDS
Opus Dental Specialities
Mumbai, India

copaSKY is an affordable option for implant restorations with high predictability in cases of limited bone height above the sinus or the mandibular nerve. The special thread of the short implant ensures excellent primary stability.
Accordingly, copaSKY offers some kind of „plan B" for cases in which the challenges and risks of augmentation prevent patients from choosing to have implants.

More prosthetic options

Time saving and process optimized solutions - with intelligent abutments and the innovative crown and bridge material BioHPP in combination with the visio.lign veneering system copaSKY is more than just an implant system.

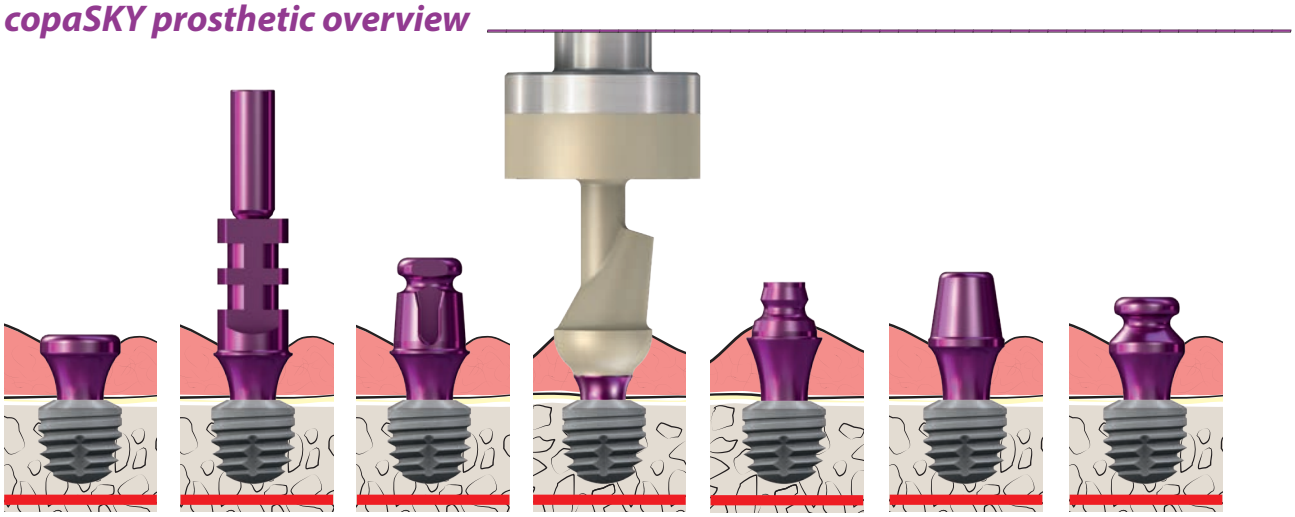
The concave and slim design of the copaSKY abutments offers the soft tissue more space compared to abutments with emergence profile, which is important in the restoration of narrow gaps.



With the two gingiva heights of 1.5 mm and minimum 3 mm all gingiva genotypes can be restored aesthecally.

When the implant position is below bone level due to the covering of the back taper with bone chips, then the high abutment shape is also ideal for the restoration.

copaSKY prosthetic overview

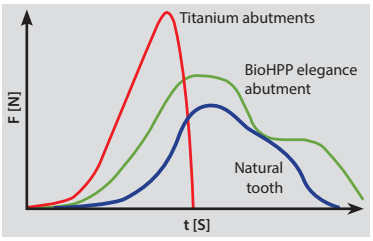


BioHPP copaSKY elegance abutments

The BioHPP SKY elegance abutments have been part of the prosthetic product portfolio for many years. Also in copaSKY they are of multiple use. The objectives are optimized processes in the practice and fast and gentle treatments for the patient. The material properties and the proven construction details of the BioHPP copaSKY elegance series are already ducumented in many scientific studies.

The ultrashort copaSKY implants correspond in their geometric surface to the 8 mm blueSKY implants. Therefore the treatment planning should correspond to prevent overloading of the ultra short implant.

To support the long term success of the short implants we recommend the use of the BioHPP copaSKY elegance abutment as a stress breaker in the restoration. The ceramic reinforced BioHPP reduces the maximum load acting on the implant. Therefore the implant is protected long term.



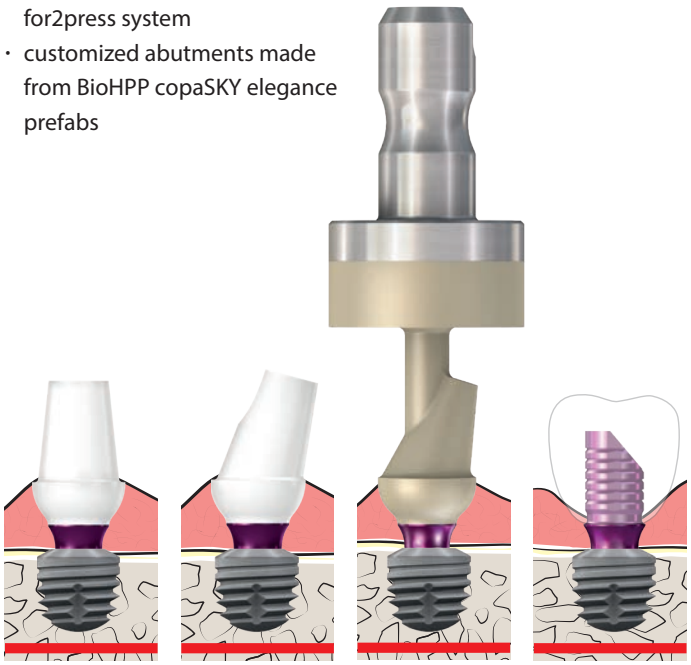
The maximal load to the implant is reduced by BioHPP.

Histologic analysis of the BioHPP SKY elegance abutment. In detail the soft tissue attachement after 8 weeks.

José E. Maté Sánchez de Val, Carlos Pérez Albacete Martínez, Sergio Gehrke, María P Ramírez Fernández, Vicente G. Vicent, Gerardo Gómez Moreno, José L Calvo Guirado. Periimplant tissues behavior around non-titanium material: Experimental study in dogs.

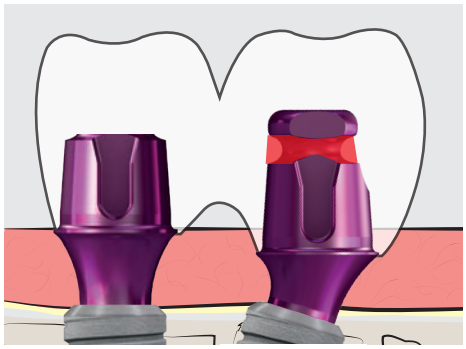
All technologies are available for the manufacturing of the restoraion.

- ready made stock abutments which are easy to customize
- customized abutments which can be easily produced with the for2press system
- customized abutments made from BioHPP copaSKY elegance prefabs

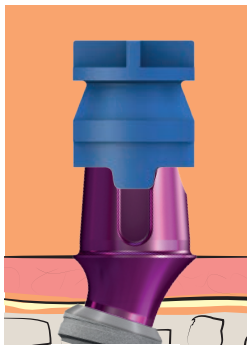


copaSKY exso multifunction abutment

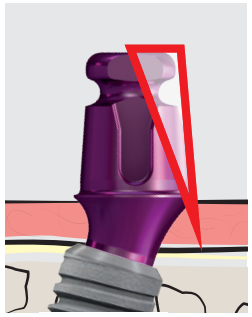
The copaSKY exso abutment is the ideal solution for efficient processes with a reduced number of parts. The same abutment is used for impression taking and the manufacturing of the definite abutment. The angulated multifunction abutment compensates tilted implants.



- Cemented crowns and bridges can be produced fast and easy with the copaSKY exso abutments, yet with great aesthetic looks. The procedure is highly economic, because the impression abutment = definitive abutment.



- The compensation of the angulation of tilted implants makes the impression taking much easier at implant level. Approximately 20° can be compensated.
- The SKY impression coping cap (REF SKYnPAKA) is used to close the screw channel and to facilite the repositioning of the SKY exso abutment in the impression.

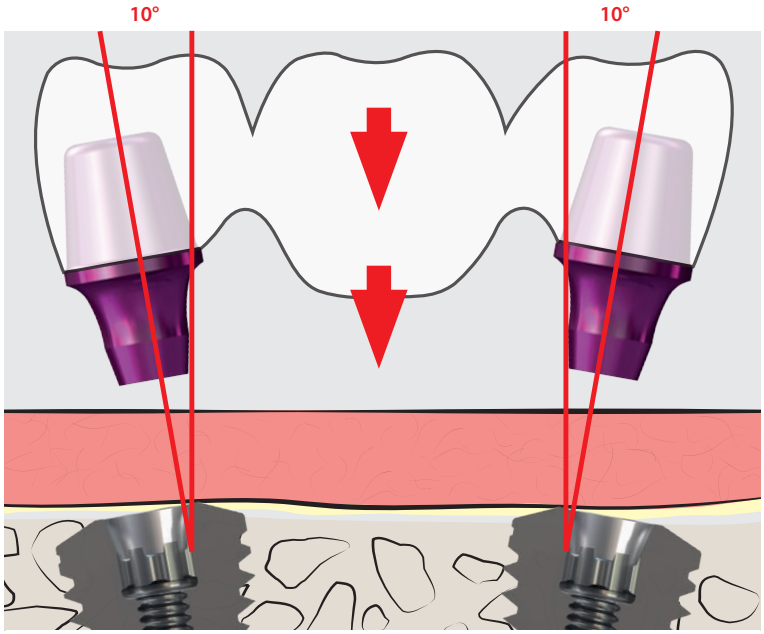


- The copaSKY exso abutment can easily be customized in height, angulation and sulcus design in the dental lab

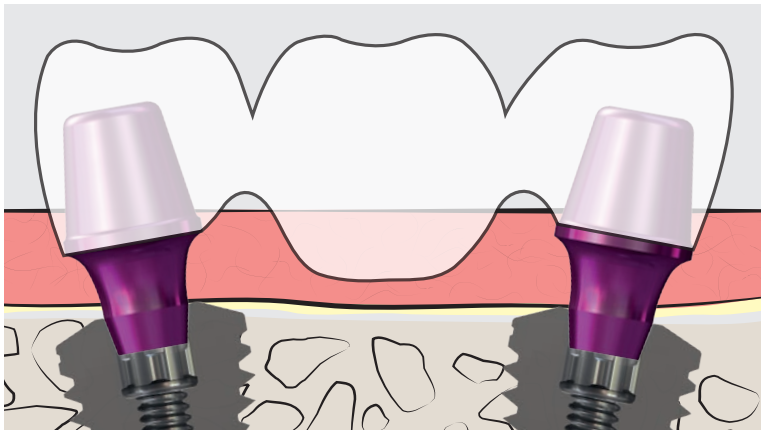
copaSKY exso multifunction abutments

copaSKY abutment for bridge and bars

For direct screw retained cemented bridges a compensation of the angulation of the implants is often necessary. It is also necessary that the lateral and occlusal forces are induced directly from the prosthetic restoration to the implant.



The copaSKY bridge abutment is a non-engaging abutment. The flat conical connection allows a compensation of an angulation of 20° between two implants. Therefore most bridges can be cemented already in the dental lab.

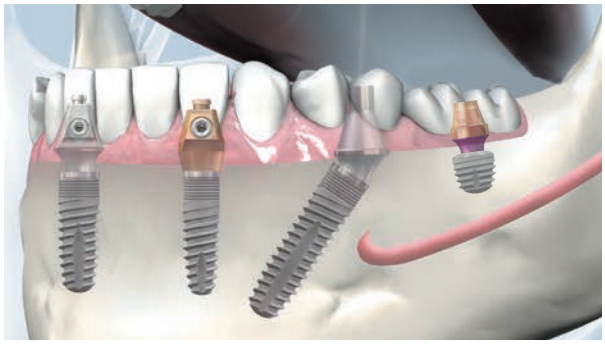


The restoration can be incorporated easily and fixed with the occlusal screws. The long conical connection is transfering the lateral and occlusal forces directly from the supraconstruction into the implant. Therefore the screw is protected against screw loosening and fracture.

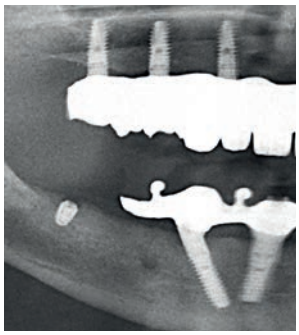
copaSKY abutments for birdges and bars

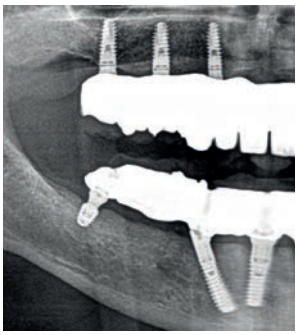
copaSKY uni.cone abutment

The name of this component already shows its diversity in use. The universal solution for screw retained rehabilitations increases the safety through standardized processes and reduces the costs of the restorations.



The short copaSKY uni.con abutment prevent biomechanically critical extensions in SKY fast & fixed restorations.





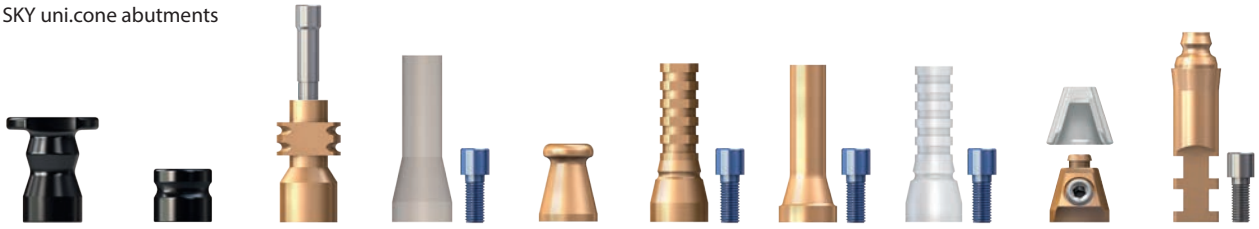
The secondary prosthetic components are the same for the SKY uni.cone abutment and the copaSKY uni.cone abutment. The prosthetics concept is also identical.

Photos: PD Dr. Jörg Neugebauer, Landsberg am Lech, Germany

copaSKY uni.cone abutments

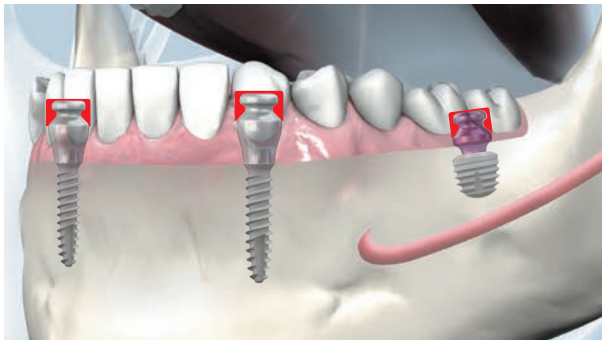
The SKY uni.cone prosthetic copings are used to restore the copaSKY uni.cone abutments.

SKY uni.cone abutments



copaSKY TiSi.snap prosthesis fixation

The frontal fixation of an overdenture often leads to bone resorption in the posterior and in consequence to the instability of the prosthesis. This leads to disappointed patients with many pracitice visits. With TiSi.snap and retention.sil in combination with the right implant for the remaining bone this problem can be prevented.



The posteriorly placed ultrashort copaSKY implant uses the remaining bone efficiently and supports the overdenture perfectly. The whole procedure is minimally invasive with the right choice of implants: miniSKY in the front and copaSKY posterior.

The resilient retentions.sil gives the patient a natural bite comfort can be used long term up to five years.

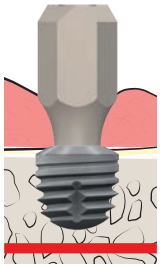
The TiSi.snap can be used also with the Locator retention elements.

copaSKY TiSi.snap abutments

copaSKY CAD/CAM restorations

Digitailistion is changing the workflow between practice and dental lab with growing speed. The new prosthetic parts of copaSKY support this modern workflow.

A complete workflow for all open systems



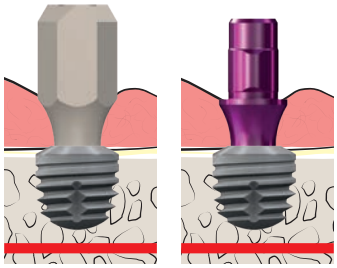
The copaSKY scan abutments yield perfect intra oral and extra oral digital impressions.

The 3D-print-analog for printed models:

- A small undercut leads the 3D-print-analogue securely to the final positon
- The screw retained fixation makes the laborious glueing obsolete

Restore your patients aesthetically with customised abutments made of the copaSKY titanium or BioHPP prefabs.

copaSKY CAD/CAM restorations



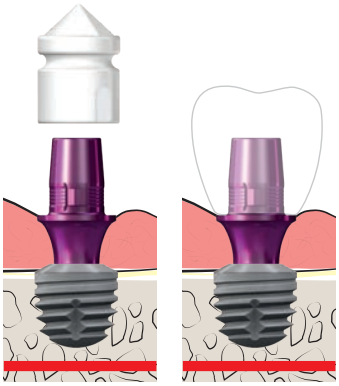
The copaSKY uni.fit Titanium base for ceramic restorations gives you the option for highly aesthetic restorations with zirconia or lithium disilicat.

You can download the files of the copaSKY CAD/CAM abutments from our CAD library for the following programms:

- exoCAD
- DentalWings
- 3 shape

www.bredent-medical.com/cad-library

Titanium basis for the chairside workflow in CEREC®



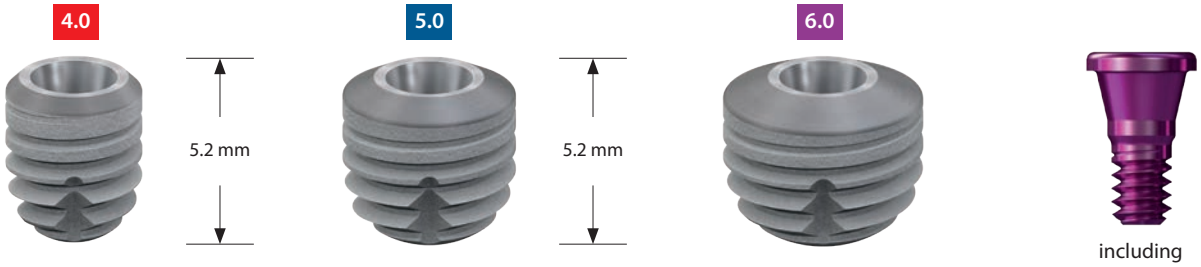
copaSKY implants can also be restored in the chairside Workflow of CEREC®.
Please choose in the CEREC® software - BioHorizon 5.8.
The impression is made with the original Sirona scanbody L.

copaSKY uni.fit titanium base

copaSKY titanium base L for CEREC®

Overview of the copaSKY system

Implants



copa4005 | copa5005 | copa6005

including cover screw

Instruments

copaSKY upgrade kit
REF COPAUPGK

Pilot drill

copaSKY 6.0 drill

copaSKY depth stops

copaSKY TK mounter for contra-angle

Accessories

copaSKY **implant analog**
3D print

COPAIA50 | COPDIA50

copaSKY **gingiva former**
2 mm | 4 mm | 6 mm

COPAGF22 | COPAGF34 | COPAGF36

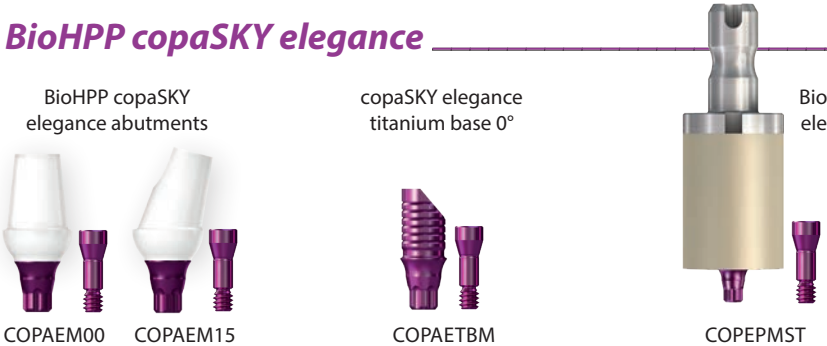
copaSKY impression abutment open tray

COPAPA22 | COPAPA32

copaSKY uni.fit scan abutment intraoral / extraoral

COPAUSCI

BioHPP copaSKY elegance



BioHPP copaSKY elegance abutments

COPAEM00 | COPAEM15

copaSKY elegance titanium base 0°

COPAETBM

BioHPP copaSKY elegance prefab

COPEPMST

Abutments

copaSKY exso abutments

COPEX002 COPEX172 COPEX003 COPEX173 SKYnPAKA

copaSKY abutments for bridges and bars

COPABRS2 COPABRS3

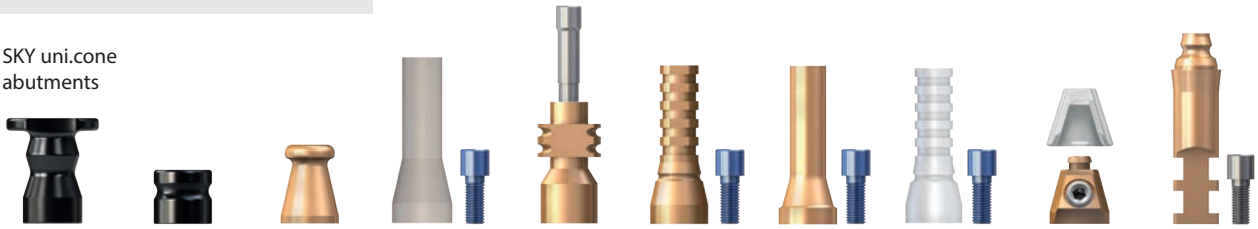
copaSKY TiSi.snap abutments

COPTISI2 COPTISI3

copaSKY uni.cone abutments

COPAUC01 COPAUC02 COPAUC03

SKY uni.cone abutments



SKYUCSNP SKYUCREG SKYUCAGK SKYUSCIE SKYUCAOL SKYUCPKT SKYUCPKC SKYUCPKK SKYUCPKS SKYUCTLA

copaSKY CAD/CAM Abutments

copaSKY prefab titanium set

COPPFTST

copaSKY uni.fit titanium base

COPAUTB2 COPAUTB3

copaSKY titanium base L for CEREC®

COPCTBL2 COPCTBL3

copaSKY screws

copaSKY abutment screw M1,6

COPASM16

copaSKY laboratory screw M1.6

COPALM16

15 YEARS
1,000,000
SKY IMPLANTS
2003 2018

In 2003, the success story of the SKY implant system began. To date, dentists and dental technicians around the world have confidently selected over one million SKY implants and around 2.5 million prosthetic parts of our system to restore their patients' function, aesthetics and quality of life.

blueSKY is the world's most successful titanium implant in the field of immediate restoration. Equipped with excellent primary stability, blueSKY is the heart of our therapy concept SKY fast & fixed for edentulous or toothless jaws. In combination with physiological materials such as BioHPP and the aPDT according to HELBO (Antibacterial Photodynamic Therapy), patients with SKY fast & fixed have been successfully treated since 2007.

Become part of the SKY Community and discover the many possibilities of sustainably increasing your success in practice and laboratory with therapy solutions and service offerings of the bredent group and making your patients happy.

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DENTAL INNOVATIONS
SINCE 1974

bredent group

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