Immediate restoration
for potentially edentulous jaws and single-tooth gaps

antibacterial, analogue and digital
Immediate restoration

After losing teeth, patients want immediate and rapidly fixed teeth at affordable costs. Conventional treatments that often involve healing phases that last months on end are often discarded. An immediate restoration with immediate implantation is what is needed. bredent medical offers immediate restoration therapies that are adapted to individual patient requirements:

**SKY fast & fixed**
BioHPP SKY elegance

Immediate restoration for potentially edentulous jaws
for rapid and aesthetic restoration of a single-tooth gap

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**We are ONE**

bredent group
bredent medical
HELBO
SKY fast & fixed
BioHPP SKY elegance
Dentists, Dental Technicians, bredent group
All patients

One manufacturer in the field of implantology and prosthetics
One of the leaders in immediate restorations
One bacterial infection control
One session is all it takes
One abutment for temporary and final restoration
One team
Everyone is satisfied
The blueSKY titanium implant – The basis for immediate restoration

A restoration that is exposed to immediate loading must have a good foundation framework, in order to be able to withstand the vast number of external effects. The blueSKY titanium implant fulfils all the requirements of a modern implant and is therefore an excellent and reliable base for an immediate restoration.

**Conical cylindrical implant shape**
- Optimal and uniform load distribution of the chewing forces

**Double thread**
- Soft and uniform insertion
- No repeated trauma

**Self-cutting compression thread**
- Bone-preserving

**osseo connect® surfaces**
- Rapid and excellent bone cell positioning
- Excellent soft tissue attachment

**Surgical protocol tailored to bone quality**
- Primary stability in every quality of bone

**Scientifically proven**

The extremely high level of primary stability only decreases very slightly after insertion and the osseo connect® surface leads to rapid osseous integration and to a high degree of stability.

Changes to implant stability during the 12-week monitoring period.

Immediate restoration for potentially edentulous jaws

Easy to use. Esthetic results. Increased profit.
Patients who are potentially edentulous:

• They still feel young and fit.
• They are in the middle of their lives and have very busy professional lives.
• A well-kempt appearance and healthy eating are of great importance to them.

Being at a high risk of potentially edentulous and no longer being able to bite powerfully or smile in a carefree manner are the greatest concerns amongst patients.

• Removable total prostheses are not accepted.
• Extensive surgical procedures are frequently refused.
• Fear of complications and long healing times and of being temporarily edentulous.

The solution

SKY® fast & fixed

• Fast and gentle immediate restoration in potentially edentulous jaws
• Reduced number of implants
• No extensive surgical procedures such as augmentations
• In many cases, immediate fixed temporary bridges after only one session
• At an affordable price

The advantages

• Standardised work steps make the work easier
• Reduction and prevention of errors and complications
• Short treatment times
• Saving of time and costs
• Increase in turnover
• Satisfied patients – the best advertisement for the practice and laboratory
SKY fast & fixed therapy – standardised procedure

One manufacturer in the field of implantology and prosthetics

1 SKYplanX – 3D planning
- Security for patients and those treating patients
- Optimal implant positioning
- Template-guided implantation
- Manufacture of temporary bridges possible before implantation
- Short treatment duration

2 HELBO® antimicrobial photodynamic therapy (aPDT)
- Proven in the preservation of teeth and implants
- Disinfection of the extraction alveoles
- Effective bacterial reduction of 99.9%
- Prevention of disturbances to wound healing and surgical follow-up treatment
- Evidence scientifically-proven for over 10 years
- No pain, no side effects
- The alternative to antibiotics

3 Final restoration with innovative materials
- such as the high-performance polymer BioHPP
  - Reduced force on the implant and bone
  - Long-term success
  - CAD/CAM and conventional manufacture
  - Superstructures screwed directly
  - Can fulfil high aesthetic requirements
  - Reasonably-priced complete anatomical solutions possible

Image: Lab. OD. Lazetera Antonio – Savona (IT)
3 Surgery
- Six implants in the maxilla
- Four implants in the mandible
- Implants can be inserted from 0° to 45°
- Optimal use of local bone
- Avoidance of augmentations
- Protection of critical anatomical regions
- No additional investment in instruments

4 Prosthetic flexibility
- Two abutment shoulder diameters (4.5 mm / 5.65 mm)
- One abutment for occlusal or transverse screwing
- 3 angulations 0°, 17.5° and 35°
- Various abutment heights
- Insertion aid for angled abutments
- All prosthetic materials and manufacturing procedures possible

5 Impression/ model manufacture
- Simple modelling at abutment level
- Pre-fabricated, customisable single-use tray
- Use of suitable modelling materials
- Uncomplicated model manufacture

6 Immediate restoration
- Immediate fixed bridge as long-term treatment
- Protection of the implant during osseous integration by means of interlocking
- Protocol for rapid manufacture in a few hours with novo.lign veneers and top.lign breformance by bredent
- Tension-free adhesion in the mouth - passive-fit
- Reduction of disturbances to wound healing, e.g. dehiscences
BioHPP SKY elegance

Smart, immediate single-tooth restoration for discerning customers

Very busy – not enough time

Young patients:

- They are always more demanding.
- Their looks and appearance are of great importance to them.
- Beautiful teeth and a healthy smile are a symbol of success for them.

A vehicle accident or a sporting injury happens fast and suddenly a tooth is missing.

- A conventional bridge restoration is out of the question.
- The time factor plays a significant role – constantly on-the-go and very busy.
- No time for lengthy and extensive treatments.
- A rapid solution with high-quality aesthetic results is expected.

The solution

- A titanium base with ceramic-reinforced high-performance polymer BioHPP pressed directly onto it
- Thanks to BioHPP’s properties:
  - Protection during the healing phase thanks to reduced force on the implant (Off-Peak property)
  - Gap closure using a temporary restoration immediately after implantation
  - Immediate and without abutment change for final prosthetics
  - Can also be directly and definitively restored as a crown abutment
  - Protects the gingiva, therefore no repeated trauma
  - Natural-looking prosthetic results
- Perfectly suited to analogue and digital workflow

The advantages

- Innovative and new prosthetic opportunity for immediate single-tooth restoration
- Fast, gentle and cost-effective
- Low number of procedures and short treatment times
- Satisfied young people – long-term patient relationship
BioHPP SKY elegance

Modelling and manufacture

Analogue
Traditional with modelling material

Efficiency

Traditional workflow
- More complex and more expensive
- Multiple sessions
- Higher material outlay

One-time therapy
- More cost-effective

One-time therapy

Temporary & definitive
- Initial temporary restoration
- After healing, a final restoration with no change of abutment and with simple preparation of the gingival line
- Growing gingiva is not traumatised and therefore high-quality aesthetics are guaranteed

Available shapes

PRE-FABRICATED
BioHPP SKY elegance abutments
- In the tried-and-tested shape of the SKY esthetic line
- Simple and rapid customisation with carbide mills
- 3 gingiva diameters (S: 4.5 mm, M: 5.5 mm, L: 7.0 mm)
- 2 angulations (0° and 15°)
- Platform switch possible with blueSKY and SKY classic
- Suitable for narrowSKY

One-time therapy

One-time therapy

Initial temporary restoration
- After healing, a final restoration with no change of abutment and with simple preparation of the gingival line
- Growing gingiva is not traumatised and therefore high-quality aesthetics are guaranteed
Immediate and definitive

Thanks to the material properties of BioHPP, final restoration as a crown abutment can also be carried out immediately after implantation.

**Off-Peak characteristic:**

The load peaks are cushioned due to the cushioning property of BioHPP. The force on the implant is reduced and the bone is subjected to less stress.

**Scientifically proven:**

BioHPP enables a better gingiva adhesion than titanium.

Heavier bleeding indicates more adhered gingiva than with titanium.

Source: Prof. Dr. Andrea Borgonovo: Einsatz von Hochleistungspolymeren (BioHPP) zur Rehabilitation bei implantatgestützten Prothesen [Use of high-performance polymers (BioHPP) for rehabilitation in case of oral implants] Scientific & Clinical Cases 2015
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Other offers that may be of interest to you

REF 000 244 GB
REF 000 769 GB
REF 000 327 EX
REF 000 429 GB
REF 009 504 GB
REF 000 705 GB

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bredent medical GmbH & Co. KG
Weissenhorner Str. 2 | 89250 Senden | Germany
T: (+49) 0 73 09 / 8 72-4 40
F: (+49) 0 73 09 / 8 72-4 44
www.bredent-medical.com
E-mail: info-medical@bredent.com

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