

Focus on implant prosthetics

Taking soft-tissue impressions

Fixating implant posts

Restoring provisionally

Inserting finally



A close-up, grayscale photograph of several dental implants. The implants are cylindrical with a textured, porous surface. They are arranged in a row, with some in the foreground and others slightly behind. The lighting creates highlights and shadows, emphasizing their three-dimensional form and the texture of the material.

**Solutions
for implantology.**

**That's
why we're here.**

Focus on implant prosthetics

The field of implantology is incredibly complex – and not only in terms of the knowledge and skills that the dentist must possess. Also from the point of view of materials, »implant prosthetics« involves a whole lot more than just the implant components. DMG is your reliable partner when it comes to auxiliary consumable products.

Product solutions by practitioners for practitioners.

At DMG, practicing dentists are consulted at virtually every stage of our work in the development and assessment of products and concepts. Initiatives such as the »Circle of Experts«, »Scientific Talk« and close cooperation with universities further promote the exchange of ideas.

Safe and reliable – for all implant challenges.

Independent testing organizations have confirmed the high quality of our work for you.

DMG products regularly receive excellent ratings. Accordingly, the precision impression material Honigum-Heavy, for example, was awarded the top rating of +++++ by DENTAL ADVISOR, and was expressly recommended for implantology by the renowned Brånemark Center.

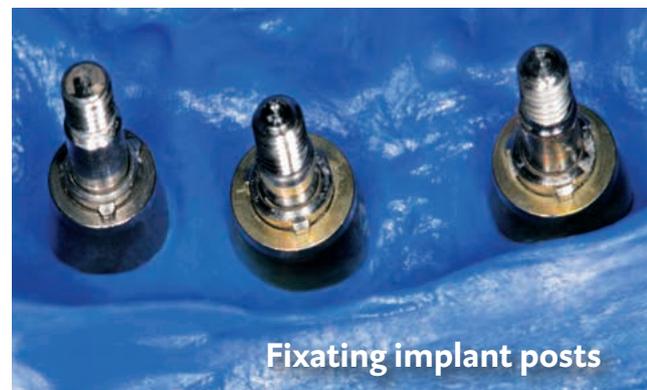
New ideas for implant procedures.

That is the aim of our research, development and production activities, carried out entirely in-house at our facilities in Hamburg, Germany.

Today, around 20% of our employees are involved in research and (product) development. The result: DMG is the owner of more than 100 international patents.



Taking soft-tissue impressions



Fixating implant posts



Restoring provisionally



Inserting finally

Precise impression-taking around the post.

Positionally stable fixation of the impression posts is the most crucial step in achieving a precisely fitting superstructure.

It should be possible to seat prosthetic restorations without any tension or gaps. DMG's Honigum Pro-Heavy reliably encloses the impression posts, enabling precision-fit transfer of the prosthetic insertion direction from the intraoral situation to the master model. Thanks to its excellent flow behavior during impression tray insertion,

Honigum Pro-Heavy also reliably reaches subgingival areas. The emergence profile of individual abutments can thus shape and support the gingival contours.

StatusBlue A-silicone material ensures precise working and situation models in advance.

Unlike alginate, it can be stored, as well as allowing repeated pouring, providing a sound basis for using Supertec to fabricate the right impression tray – open or closed – for any anatomical situation.



StatusBlue for dimensionally stable situation and working models.



Supertec for individual impression trays in any clinical situation.

These products support treatment with Honigum Pro



StatusBlue, impression material based on A-Silicone for dimensionally stable working and situation models as the basis for secure implantation.



Supertec, light-curing plate material for individual implantology impression trays. Impressions with open and closed impression trays.



Tray Adhesive, impression tray adhesive for secure adhesion of the fixation impression in the impression tray.

More information

at dmg-dental.com/honigumpro

The treatment process:

Open Tray



Gingival formers after the implants have healed into position.



Syringing around the impression posts using Honigum Pro-Heavy.



Honigum Pro-Heavy: stable after application.



Complete syringing around impression posts with Honigum Pro-Heavy.



Fixation of the impression posts in an individual, open impression tray.



Honigum Pro-Heavy provides positionally stable fixation.

Closed Tray



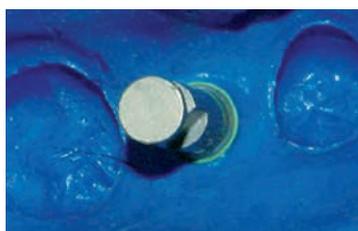
Positioning of the transfer cap on the implant that has healed into position.



Syringing around the transfer cap using Honigum Pro-Heavy.



Secure fixation of the transfer cap in the closed impression.



Positioning of the prosthetic post for the master model.



Honigum Pro-Heavy

Indications

In implantology: fixation of impression posts and transfer caps, taking soft-tissue impressions; crown and bridge impressions, inlay and onlay impressions, all types of pickup impressions

Highlights

All variants of Honigum Pro are also available in a »fast« version

Benefits for the dentist

- Excellent flow onto impression posts or transfer caps and subgingival soft tissue
- Reliably remains at the application site
- Reliable fixation thanks to high final hardness

Product video and video tutorial:

www.youtube.com/dmgdental



Precision-fit peace while healing is in progress.

To facilitate uninhibited osseointegration, it is important that the implants are not subject to occlusal forces or irritation, particularly where primary stability is limited. In the case of temporary partial dentures, a durably soft relining material, such as Silagum-Comfort, is beneficial during this transitional period.

The rigid and hard denture base can be abraded around the wound and the implant area. These deficits and hollow spaces can then be filled on a long-term basis with a durably soft relining material – Silagum-Comfort.

The gingiva-colored material acts as a buffer between the dentures and the wound area. Osseointegration and wound healing are not inhibited.

At the same time, the relining material ensures optimum seating. The occlusal forces are evenly distributed, wobbling is suppressed and intermittent excessive load prevented.

Uncomfortable pressure points do not occur at all.

This ensures complete healing of the surgical site without any complications.



Silagum-Comfort

Application of Silagum-Comfort as a gingival mask.



Silagum-Comfort

Application of the durably soft relining material.

Treatment with Silagum-Comfort



Silagum-Comfort Primer,

for reliable bonding of the durably soft relining material to the denture base.



Silagum-Comfort,

durably soft relining material based on A-Silicone for uninhibited healing in implantology.



Silagum-Comfort varnish,

for smoothing and long-term sealing of durably soft relining material.

More information

at dmg-dental.com/silagumcomfort

The treatment process:



Implants with ball retainers: initial situation.



Application of Silagum-Comfort primer on the roughened base.



Application of Silagum-Comfort to the denture base.



Silagum-Comfort on the denture base prior to intraoral placement.



Dentures and Silagum-Comfort following intraoral placement.



Intraoral relining material following mucodynamic impression-taking.



Condition of the relining material after removal.



Finishing of the relining material using the scissors.



Reduction of Silagum-Comfort in the lingual area using the scalpel.



Fully finished durably soft relining material.



Silagum-Comfort

Indication

Durably soft relining material for total, partial and implant-supported dentures

Highlights

Available in the 25 ml and the 50 ml Automix cartridge

Benefits for the dentist

- Excellent adhesive bonding to dentures
- Superior tear resistance
- Esthetic result thanks to the transparent pink shade

Shaping soft-tissue with esthetics.

In implantology, a temporary is not just an attractive facade. On the contrary, it is an important therapeutic aid, particularly in the esthetic anterior area. Gingival structures can be supported and shaped using the temporary. The tissue-compatible Luxatemp Star material for provisional crowns and bridges supports the soft tissue during this controlled healing phase. Using LuxaFlow, the pontic design of a new alveolus can be shaped and optimized, step-by-step. Coating with Luxatemp-Glaze & Bond guarantees absolutely

smooth surfaces free from irritation, making it difficult for plaque to develop. This allows the gingival structures around the abutment to heal fully without irritation. Luxatemp Star also offers outstanding esthetics, and simulates the final result as an important communicative element.

Titanium abutments are masked, tooth cores stabilized and protected.

Temporary placement using TempoCem NE offers secure adhesion as well as optimum removability.



Abutments and tooth core prior to temporary restoration using **Luxatemp Star** and **TempoCem NE**.



Simple correction of the tooth shape and controlled shaping of the gingiva using **LuxaFlow Star**.

These products support treatment with Luxatemp Star



LuxaFlow Star, flowable composite for correction and flexible pontic design for therapeutic shaping of the gingiva.



Luxatemp-Glaze & Bond, light-curing varnish for surface sealing to prevent the adhesion of active biofilm.



TempoCem NE, be it secure adhesion or easy removal from the abutment – the eugenol-free luting cement for temporaries that is based on zinc oxide meets both requirements perfectly.

More information at
dmg-dental.com/luxatemp

The treatment process:



Pre-impression using LuxaForm as a key.



Abutments and tooth core prior to restoration.



Application of Luxatemp Star inside the key.



Insertion of the filled key onto the tooth core and abutments.



Temporary in the key following removal.



Final coating and sealing with Luxatemp-Glaze & Bond.



Palatal view of the temporary in situ.



Bridge in situ after the pontic design phase.



Luxatemp Star

Indications

Temporary implant crowns, bridges, inlays, onlays, partial crowns, veneers and long-term temporaries

Highlights

Maximum break resistance and flexural strength

Benefits for the dentist

- A precision fit and stability you can rely on
- Convincing esthetics and lasting color stability
- Easy to process

Product video and video tutorial:

www.youtube.com/dmgdental

All steps at a glance:

Illustrated step-by-step sheet included with the packaging

Outstanding!



Placement of the superstructure.

Determination of jaw relation is an important element in precision-fit prosthetics. Precise bite registration materials with a high final hardness such as O-Bite and LuxaBite help the dental technician to integrate the restorations harmoniously into the stomatognathic system. This saves time and trouble during placement, with time-consuming grinding no longer required.

In terms of reliable final cementation of the prosthetic superstructure, PermaCem 2.0 is particularly well-suited.

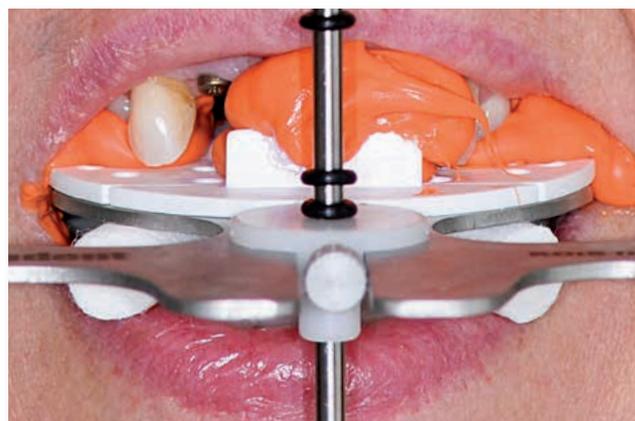
The cement flows thinly and reliably for an optimum fit between the abutment and the crown. PermaCem 2.0 can also be easily and safely removed in one piece in the subgingival area, thus ensuring irritation-free gingiva in the long-term and preventing peri-implantitis.

For all-ceramic restorations, different shades enable highly esthetic treatment results.

Luxatemp-Inlay reliably obturates the screw access canal, but can be easily removed again if required.



LuxaBite, for centric and habitual determination of jaw relation.



O-Bite, for bite registration models and the correct spatial arrangement of the models with regard to the cranial base.

These products support treatment with PermaCem 2.0



O-Bite, placement of implant restorations without inconvenient grinding using the bite registration material based on A-Silicone, with a Shore-A-hardness of 93.



LuxaBite, the hardest of all bite registration materials for dimensionally stable, centric and habitual determination of jaw relation.



Luxatemp-Inlay, for uncomplicated and reliable obturation of screw access canals. It does not stick to the instrument and can be easily removed again.

More information at
dmg-dental.com/permacem2.0

The treatment process:



Implant, healed into position following osseointegration.



Placement of the individual zirconia abutment.



Application of PermaCem 2.0 inside the lumen of the crown.



Even coating of the lumen of the crown using a probe.



Elegant and reliable removal of excess material after curing.



Inserted of the restoration in the 4th quadrant.



Harmonious integration of the restoration in the dental arch.



PermaCem 2.0

Indications

Permanent cementation of all kinds of superstructures, inlays, onlays, crowns, bridges and root posts

Highlights

Self-adhesive, no separate etching or bonding step

Strong natural self-adhesion, also to zirconia

Benefits for the dentist

- Reliable adhesive bonding
- Efficient application
- Easy removal of excess material

Product video and video tutorial:

www.youtube.com/dmgdental

All steps at a glance:

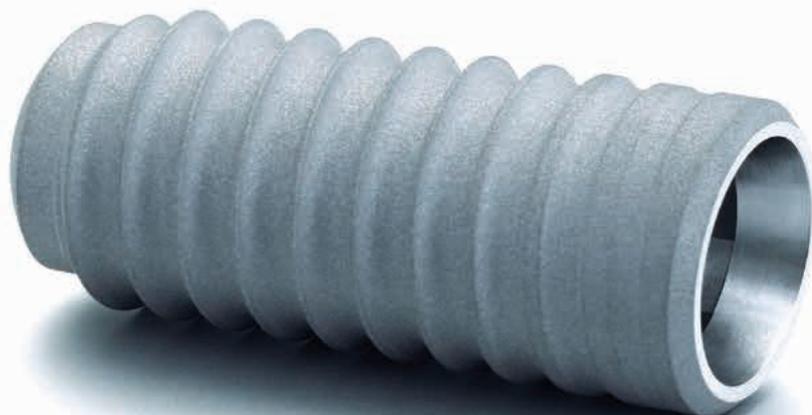
Illustrated step-by-step sheet included with the packaging

Outstanding!



Implantation step-by-step.

TREATMENT STEP	MATERIALS USED
Implant planning with situation impression / opposing jaw model	StatusBlue 
Individual impression tray for closed and open impression-taking	Supertec 
Functional implant integration with determination of jaw relation	O-Bite  LuxaBite 
Fixation and impression-taking of implant posts	Honigum-Heavy Pro 
Implant crowns and bridges for temporary restoration	LuxaForm  Luxatemp Star  LuxaFlow  Luxatemp-Glaze & Bond 
Temporary cementation of implant crowns / bridges	TempoCemNE 
Obturation of implant screw access canals	Luxatemp-Inlay 
Final cementation of implant crowns / bridges	PermaCem 2.0 
Implant-appropriate reworking / relining of temporary full and partial dentures while healing is in progress	Silagum-Comfort 



Accessible at any time:

Reliable obturation of screw access canals with controlled opening as required.



Gingiva former screwed into place after healing has completed.



Abutments screwed into place for temporary restoration.



Reliable obturation of the screw access canal with Luxatemp-Inlay.



Luxatemp-Inlay after application in the screw access canal.



Light-curing of Luxatemp-Inlay for obturation of the screw access canal.



Easy removability of Luxatemp-Inlay after light-curing.



Final coating of the temporary crown with Luxatemp-Glaze & Bond.



Light-curing of Luxatemp-Glaze & Bond.



Obturation of screw access canals 12 and 22 using Luxatemp-Inlay.



Temporary restoration in situ on 12 and 22.



Luxatemp-Inlay

Fast and reliable obturation of screw access canals

Light-curing composite for obturation of implant screw access canals with controlled removability

Indications

Obturation of implant screw access canals, temporary restoration of inlay preparations

Benefits for the dentist

- Does not stick to the instrument
- Easy to form directly in the mouth, without a key or matrix
- Supports controlled removal in one piece

We are there for you. DMG.

DMG offers dentists a comprehensive portfolio of high quality materials.

In addition to dental implantology, the focus in this respect is on two additional areas in particular.



Prevention and caries infiltration

Prevention before drilling, conservation rather than restoration: DMG is your reliable partner when it comes to therapy that is gentle on tooth substance. Early caries treatment without drilling?

Professional prophylaxis systems?

At www.dmg-dental.com you can find out all about Icon approximal, Flairesse and other DMG product solutions for modern minimally-invasive dental medicine.



Esthetics

Expectations are greater than ever. Teeth should not only be healthy, but they should also be perfect in appearance. DMG products support you in creating quality restorations using ceramic veneers, as well as in providing temporary restorations that offer unbeatable esthetics. And with Icon vestibular, a completely new approach is provided for fast, gentle treatment of white spot lesions.

Assured quality



All products that bear the DMG name have been produced with the utmost care in Hamburg, rigorously controlled, and certified.

DMG was one of the first ISO certified companies in Germany; today, approximately 20 employees work in the area of quality management and control.

HOW GOOD ARE WE?

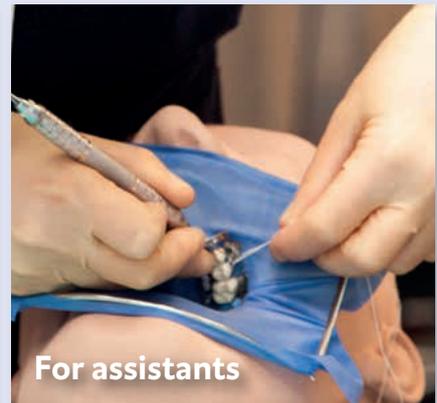
LET US KNOW!

At www.dmg-dental.com/rating you can rate your DMG product quickly and easily.

We look forward to your feedback.



For dentists



For assistants

Competent knowledge transfer: The DMG commitment to professional training

As a partner to dentists, our aim is to also support you in your work beyond our product solutions: with practice-oriented education and professional training events.

For dentists

In cooperation with renowned experts, DMG carries out numerous international professional training events. An example is the sought-after hands-on courses on the subject of veneering technology with Dr. Galip Gürel in Istanbul.

But there is also a lot on offer at home. »Scientific Talk«, for example. A series of events on current topics with scientific background information. Originally run twice a year at DMG facilities in Hamburg, it has been extended due to its considerable success.

Contact

You are welcome to contact us directly with any questions.

DMG Chemisch-Pharmazeutische Fabrik GmbH
Elbgastrasse 248 | 22547 Hamburg | Germany
info@dmg-dental.com

Service number
+49 (0)40 84006 0

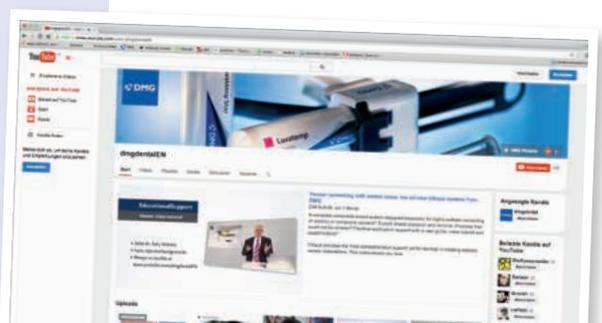
For the practice team

DMG has developed a professional training program specifically for dental assistants with events on a variety of topics that are targeted towards the practice team.

Video tutorials

On DMG's YouTube channel, you will find educational videos that not only cover DMG products but also look at the scientific background and its importance in practical use. Dr. Felix Wöhrle, Scientific Head of Training and Education, presents an entertaining e-learning program at

www.youtube.com/dmgdentalEN





000880/#1_2015-01

DMG

Chemisch-Pharmazeutische Fabrik GmbH
Elbgaustraße 248 22547 Hamburg Germany
Fon: +49. (0) 40. 84 006-0 Fax: +49. (0) 40. 84 006-222
info@dmg-dental.com www.dmg-dental.com
www.facebook.com/dmgdental

 **DMG**
Dental Milestones Guaranteed