MANUAL
OCP RESTORATION SET

One Care Package – The cost-effective treatment concept

Partners in Progress

BEGO

1.1 Advantages of the OCP restoration set

- All required components for the treatment are included in one package
- Regular prosthetic procedure for all treatment steps, similar to conventional crown and bridge technique
- Less time required for treatment due to fewer steps
- Protection of the peri-implant tissue because the OCP abutment is screwed only one time

1.2 OCP system components	
OCP abutments: prefabricated abutments made of titanium grade 5 for BEGO Semados® implants with Platform Switch design such as the RS/RSX implant (PS OCP). The abutments are available with gingival height GH1 and GH3.	
Multifunctional cap: can be used either in unmodified form as a healing cap or as the base for individual temporary restorations to be placed on top	
Impression coping: for taking impressions of the posts contained in the set (also digital**) and in connection with the laboratory analog for optional model preparation	
LCC, laboratory cap crown (with anti-rotation mechanism): for preparing cement-retained single-tooth restorations (fires without leaving residue)	
LCB, laboratory cap bridge (without anti-rotation mechanism): for preparing cement-retained splinted crowns and bridges (fires without leaving residue)	

** Download the material data library at www.bego.com

2.1 Restoration sets*

Description	Art. no.	Colour code	Size/Compatibility	Quantity
• PS OCP	58297	■■	GH 1 SC/SCX/RS/RSX/RI 3.25–3.75	1 unit
	58300	■■	GH 3 SC/SCX/RS/RSX/RI 3.25–3.75	1 unit
	58298	■	GH 1 SC/SCX/RS/RSX/RI 4.1	1 unit
	58301	■	GH 3 SC/SCX/RS/RSX/RI 4.1	1 unit
	58299	■	GH 1 SC/SCX/RS/RSX/RI 4.5	1 unit
	58302	■	GH 3 SC/SCX/RS/RSX/RI 5.5	1 unit

2.2 Laboratory caps crown

Description	Art. no.	Colour code	Size/Compatibility	Quantity
• LCC	58303			5 units

2.3 Laboratory caps bridge

Description	Art. no.	Colour code	Size/Compatibility	Quantity
• LCB	58304			5 units

2.4 Model analogs

Description	Art. no.	Colour code	Size/Compatibility	Quantity
• OCP A	58305			1 unit

* Every restoration set contains an abutment, a prosthetic screw, a multifunctional cap, an impression coping, an LCC (laboratory cap for crown) and an LCB (laboratory cap for bridge). The model analog must be ordered separately.

3.1 Details and information

Master model with BEGO Semados®
OCP A (model analog)

Caution

Do not use the posts from the PS OCP for BEGO Semados® implants Ø 5.5. Do not use the PS OCP (Platform Switch restoration set) for S/RI implants without Platform Switch Design. Determine the mucosal thickness in situ or on the model and select the correct height for the required post. The posts from the PS OCP are not suitable for direct bonding of ceramics or for casting/soldering. The connecting surface to the implant, the abutment and the entire abutment from the PS OCP must not be blasted (with the exception of the bonding surface) or processed. The fit is predetermined according to industrial specifications. Ensure when screwing in the prosthetic screw that the applied torque for the prosthetic screw does not exceed the insertion torque for the implant insertion. Protect the open surgical field when taking the impression, e.g., by using a dental dam.

Warranty

Whether given verbally, in writing or by practical demonstrations, our recommendations for use are based upon our own experience and trials and can only be considered as guidelines. Our products are constantly being refined. We therefore reserve the right to make changes.

OCP animation

3.2 Inserting abutments and impression taking

Initial situation with healed BEGO Semados® implant.

When inserting the abutment into the implant, align the parallel surfaces of the abutment in the vestibular / palatal direction. Tighten the prosthetic screw included in the restoration set with 30 Ncm. Check that there are no gaps (radiographic check if necessary).

Caution
Ensure when screwing in the prosthetic screw that the applied torque for the prosthesic screw does not exceed the insertion torque for the implant insertion.

Place the impression coping on the abutment and lock it into position. If the abutment is to be processed, the impression coping does not reproduce this and it cannot be used.

Caution
Protect the open surgical field when taking the impression, e.g., by using a dental dam.

3.2 Inserting abutments and impression taking

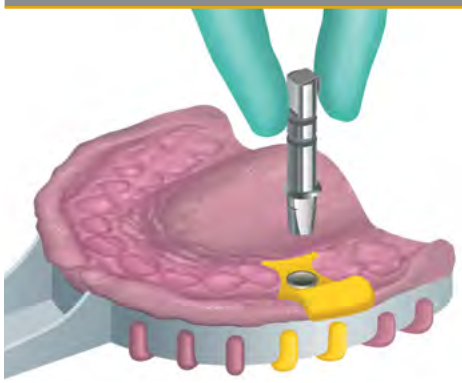
Inject around the impression coping with impression material and take an impression of the entire dental arch using a prefabricated impression tray. The impression coping remains in the impression on removal.

During the fabrication of the definitive restoration in the laboratory use the multifunctional cap. It should be used in unmodified form as a healing cap or as the base for individual temporary restorations to be placed on top. Attach the multifunctional cap onto the abutment so that it noticeably locks into place.

Prepare a temporary restoration, if required, using the multifunctional cap based on general dental principles.

Block out the screw channel of the temporary restoration when inserting and cement the cap/temporary restoration with temporary cement (note manufacturer's instructions).

3.2 Inserting abutments and impression taking

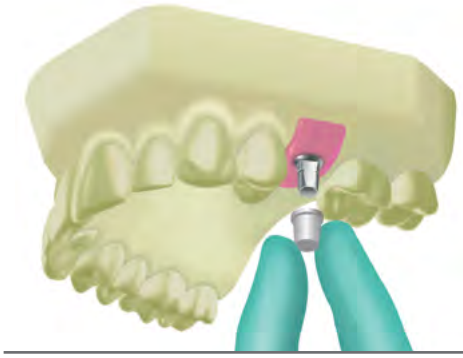


In the dental laboratory, reposition the OCP A (model analog) until noticeably locked into place in accordance with the alignment of the impression coping.

Prepare a dental model including a gingival mask according to the manufacturer's instructions.

3.3 Dental restoration

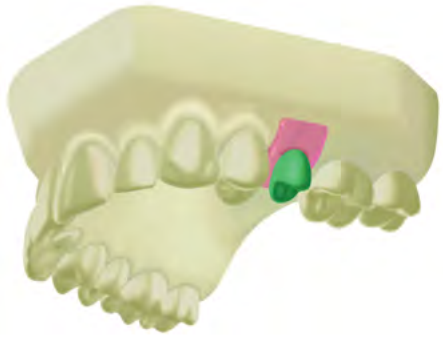
Select the appropriate laboratory cap depending on the type of restoration (crown or bridge). For preparing cement-retained, single-tooth restorations, please use the LCC (laboratory cap for crown, with anti-rotation mechanism); for cement-retained splinted crowns and bridges please use the LCB (laboratory cap for bridge, without anti-rotation mechanism).



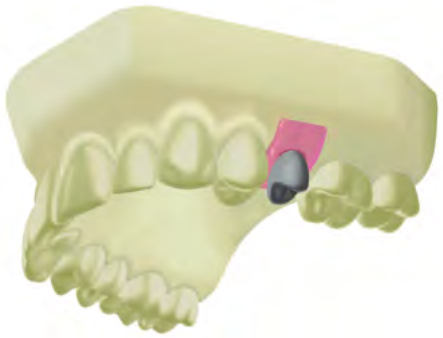
Place the appropriate laboratory cap onto the model analog with a positive fit.

Caution
The laboratory caps do not lock onto the model analog. The locking mechanism cannot be reproduced in metal.

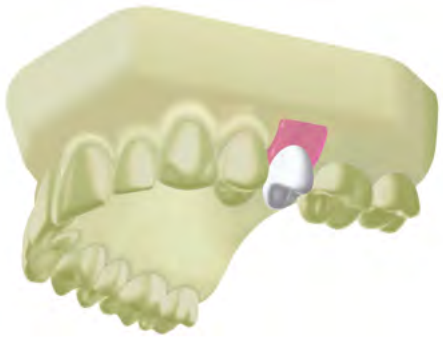
3.4 Modelling and casting



Prepare a dental restoration in accordance with technical dental requirements while following the manufacturer's instructions.



Casted restoration. The laboratory cap fires without leaving residue.



Ceramic veneered restoration.

3.5 Inserting the prosthetic restoration

Remove the multifunctional cap or the temporary restoration and any cement residue from the patient's mouth. The screw channel remains sealed.

The permanent crown is definitively cemented in accordance with generally valid dental guidelines.

www.bego.com

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