

13 The separating gap is evenly filled and adapted to the original form. After approx. 3 minutes, the resin is polymerized.

14 The process is repeated until fixation is finally completed. Please inject Impregum under the Pattern Resin block.



15 Impregum is moulded with a customized impression tray over the abutment check.

16 Once the Impregum has hardened (5 mins.), the pick-up technique is used through the removal of the guide screws.



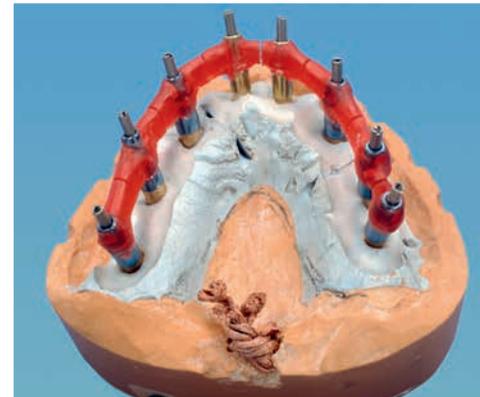
17 The impregum has to cover all sides of the abutment check. No impression material is allowed to appear on the implant shoulder areas.

Light-curing composite is not ideal for fixing the segments. There is too much shrinkage and the bonding is not optimal.

This abutment check cannot be used.

Step by Step 1 - 17

For the production of implant-retained dentures the impression and the creation of the model are of utmost importance. Mistakes made when transferring the position of the implant in the mouth onto the model inevitably lead to misfits of the meso and suprastructures – therefore the **abutment control check!**



cross-institutional
quality system requirements



Rübeling Dental-Labor GmbH
Langener Landstraße 173 · 27580 Bremerhaven

Telefon: +49 (0) 471 984 87-0
Telefax: +49 (0) 471 984 87-44

E-Mail: info@ruebeling.de · Internet: www.ruebeling.de

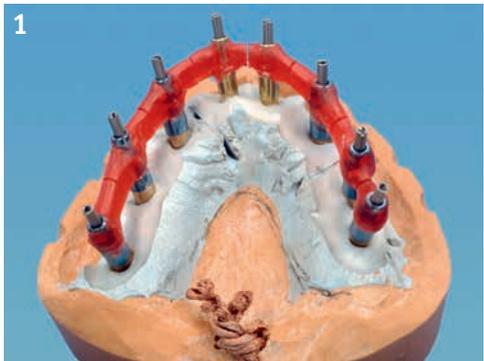


Rübeling + Klar Dental-Labor GmbH
Ruerersteig 43 · 12681 Berlin

Telefon: +49 (0) 30 54 99 34-0
Telefax: +49 (0) 30 54 99 34-111

E-Mail: info@ruebeling-klar.de · Internet: www.ruebeling-klar.de

Abutment Check for Position Control



1 The abutment check, made of Pattern Resin in the laboratory, is separated into segments using a thin diamond grinding wheel.

2 The single segments are transferred from the model into the mouth situation and screwed onto the implants.



3 It is important that the segments are screwed into the mouth without touching each other and tension-free, separating them possibly with the thin diamond grinding wheel.

4 The powder / liquid procedure with the Pattern Resin is ideal for connecting the segments.



5 The same amounts of powder and liquid are filled into two mixing cups, separate from each other.

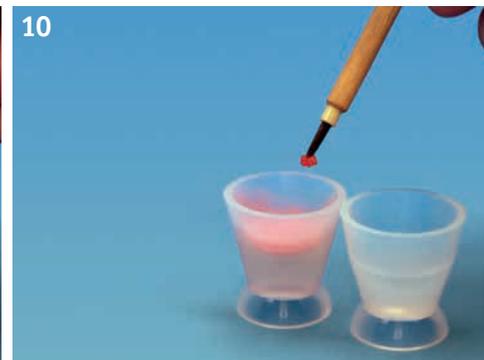
6 Using a pointed brush, this is dipped into the liquid.

Abutment Check for Position Control



7 The moist brush tip is dipped 3 - 4 mm into the powder.

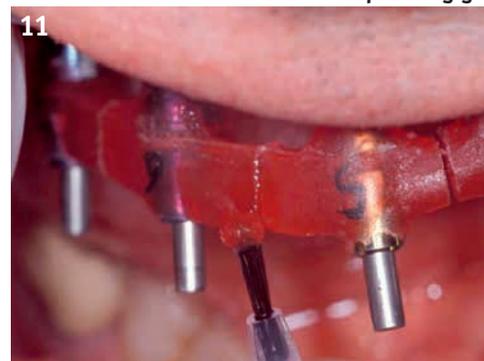
8 The powder remains on the brush.



9 The acrylate has the correct consistency and is not too liquid.

10 A droplet forms.

Separating gap has to be dry!



11 With the help of the brush, the viscous droplet is applied to the prepared separating gaps in the mouth.

12 The polymerisate is absorbed perfectly into the gap.