

4. Cementing the provisional single crown

Coat the internal configuration of the crown with **temporary cement** and cement to the temporary abutment.



5. Removal of the provisional restoration

Drill open and clean the screw channel. Release the basal screw with an SCS screwdriver.

Important: RN synOcta® temporary meso abutment is indicated for use intraorally for up to 6 months.

RN synOcta® temporary meso abutment

Reliable

- Stability of restoration thanks to precise implant-to-abutment interface reinforced by titanium alloy
- Biocompatible plastic

Simple

- Plastic structure can be quickly modified chair side
- Prefabricated natural emergence profile allows for shaping of soft tissues
- One-piece solution

Versatile


- Indicated for anterior and posterior provisional restorations
- Abutment can be modified in height and width for ideal provisional restoration design
- Direct veneering or cement-retained restoration possible

Material

- Temporary abutment: PEEK plastic with titanium inlay
- Basal screw: titanium

Dimensions:

- RN synOcta® temporary meso abutment: height 10.0 mm
- Basal screw: length 6.7 mm

Art. No.		Article	Dimensions	Material
048.668		RN synOcta® temporary meso abutment (includes basal screw*)	height 10.0 mm	PEEK (white)/titanium

* available separately under Art. No. 048.356



STERILE



North American Distributors

Straumann USA, LLC
60 Minuteman Road
Andover, MA 01810
Phone 800/448 8168
978/747 2500
Fax 978/747 2490
www.straumannusa.com

Straumann Canada Limited
4145 North Service Road
Suite 303
Burlington, ON L7L 6A3
Phone 800/363 4024
905/319 2900
Fax 905/319 2911
www.straumann.ca

International Headquarters

Institut Straumann AG
Peter Merian-Weg 12
Postfach
CH-4002 Basel
Switzerland
Phone +41 (0) 61 965 11 11
Fax +41 (0) 61 965 11 01
www.straumann.com



STRAUMANN GUARANTEE



PROSTHETICS

**RN synOcta® temporary
meso abutment**



The easy solution for provisional single tooth restorations

Indication

The quick and easy to modify RN synOcta® temporary meso abutment is used for provisional single tooth restorations in the anterior and posterior regions. It is screwed directly into the implant (Regular Neck, shoulder diameter 4.8 mm) with the basal screw supplied, and serves as the base for a direct veneering (Option A) or a cementretained restoration (Option B). The plastic is reinforced with a titanium inlay, thus ensuring a precise fit on the implant and providing increased stability. With its natural emergence profile, the RN synOcta® temporary meso abutment can be used as a mucosa-shaping temporary solution for up to 6 months.



Option A. Direct veneering

1. Customization

Grind the RN synOcta® temporary meso abutment on the analog to match the oral situation. The basal screw (048.356) supplied serves to secure the abutment to the analog with an SCS screwdriver (046.400/401/402). The synOcta® temporary meso abutment may be modified by a maximum of 6.0 mm vertically and 1.0 mm laterally.



Important: For optimal bonding of the temporary veneering material, integrate a means of retention into the plastic, sandblast the plastic, or apply a bonding agent.

Tip: For easier handling during the customization of the abutment, the use of an analog holder (046.239) is recommended.

2. First insertion

Insert the ground abutment into the implant and **handtighten** it using the basal screw and an SCS screwdriver. Seal the screw channel temporarily (e.g. with absorbent cotton) to prevent veneering material from flowing into the channel during the veneering process.



Tip: The extra long SCS occlusal screw (80059) can also be used to protect the screw access hole from veneering material.

3. Veneering

Use standard techniques to fabricate the provisional restoration (e.g. prefabricated crown form or vacuum-formed sheet technique as shown here).



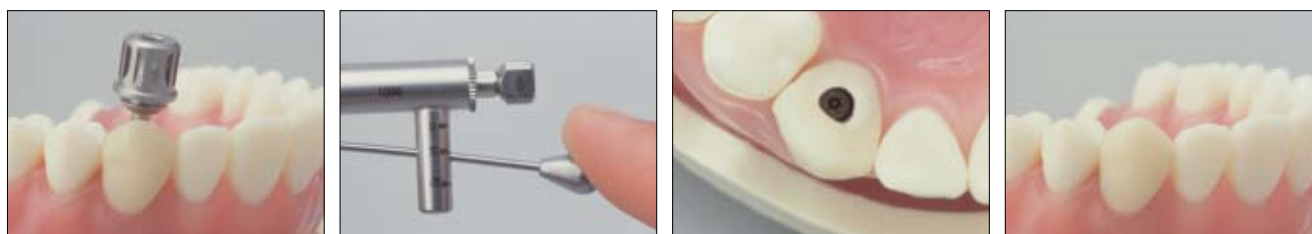
4. Finishing

Remove the provisional restoration from the mouth for finishing. Expose the complete screw channel and remove the basal screw. Grind the provisional restoration to its final shape and polish.



5. Placement of the provisional restoration

Clean the polished provisional restoration before placing it on the implant. Secure the basal screw using an SCS screwdriver and tighten to **a torque of between 15 Ncm and 35 Ncm** using the ratchet (046.119) with torque control device (046.049). Cover the screw head with absorbent cotton or gutta-percha and seal off the screw channel with a temporary veneering material (e.g. composite).



6. Removal of the provisional restoration

Drill open and clean the screw channel. Release the basal screw with an SCS screwdriver.

Important: RN synOcta® temporary meso abutment is indicated for use intraorally for up to 6 months.

Option B. Cement-retained restoration

1. Customization

Grind the RN synOcta® temporary meso abutment on the analog to match the oral situation. The basal screw (048.356) supplied serves to secure the abutment to the analog with an SCS screwdriver (046.400/401/402). The synOcta® temporary meso abutment may be modified by a maximum of 6.0 mm vertically and 1.0 mm laterally.



Tip: For easier handling during the customization of the abutment, the use of an analog holder (046.239) is recommended.

2. Fabrication of the cement-retained provisional single crown

Use a standard procedure to fabricate the cementable single crown (e.g. grinding open a prefabricated plastic tooth, individually layered plastic crown, hollow shell restoration fabricated by the dental technician, industrially prefabricated crown form).



Important: For optimal adhesion of the cemented provisional crown, roughen or sandblast the cylindrical upper section of the abutment.

3. Placement of the customized abutment

Place the ground abutment on the implant. Secure the basal screw using an SCS screwdriver and tighten to **a torque of between 15 Ncm and 35 Ncm** using the ratchet (046.119) with attached torque control device (046.049).



Important: Before cementing the crown, the screw channel must be sealed off with absorbent cotton or gutta-percha. This allows the screw to be released again and the provisional restoration to be removed in order to place the permanent restoration.