

Immediate restoration with the synOcta® prosthetic system

Clinical photos courtesy of Dr. Scott Keith

A provisional restoration helps prepare the site for the placement of the final prosthesis and achieve natural gingival contours, which is especially important in highly esthetic areas.

To complete the following procedure, you will need:

Materials

- Vacuform
- Composite or acrylic resin
- Acrylic trimming bur

Instruments and components (refer to back for other options)

SCS screwdriver for ratchet, short (046.401)



RN synOcta® temporary post, **crown** (048.651)



RN synOcta® analog (048.124)
(formerly red, now grey with a red stripe)



Optional:

Occlusal screw, extra long (80059)



1 Screw a customized synOcta® temporary post onto the implant at the time of surgery. The temporary post may be shortened and sand-blasted if necessary.



2 Place a vacuform stent filled with acrylic over the post. Once the acrylic has set, unscrew the post and remove the stent.



3 Place the provisional crown onto a synOcta® analog and add acrylic to fill in any marginal voids.



4 Trim and polish the provisional crown with a rubber wheel.



5 Provisional crown in place. Use additional acrylic to fill the screw access hole. The implant is immediately restored at the time of surgery with the provisional restoration.



6 Eight weeks post-surgery.


Tips

- To help prevent metal from showing through the provisional crown, opaquer or white acrylic can be applied to the synOcta® temporary post (as shown in Step 1).
- A polycarbonate crown may also be used for the fabrication of the restoration.
- The extra long occlusal screw can be used to create a screw channel and maintain access during fabrication of the provisional crown. To do this, simply remove the guide screw from the temporary post and replace it with the extra long occlusal screw (80059). Then follow the steps outlined above.

For additional information on the synOcta® prosthetic system, please refer to the brochure "Crown and bridge restorations with the synOcta® prosthetic system" (USLIT 187).

Component options





RN (Regular Neck) restoration

- 048.124  RN synOcta® analog
(formerly red, now grey with a red stripe)
- 048.651  RN synOcta® temporary post
with integral guide screw, **crown**
- 048.650  RN synOcta® temporary post
with integral guide screw, **bridge**

WN (Wide Neck) restoration

- 048.171  WN synOcta® analog
- 048.233  WN synOcta® temporary post
with integral guide screw, **crown**
- 048.234  WN synOcta® temporary post
with integral guide screw, **bridge**

Instruments and screws for both RN and WN restorations

- 046.400  SCS screwdriver for ratchet, extra short
- 046.401  SCS screwdriver for ratchet, short
- 046.402  SCS screwdriver for ratchet, long
- 80059  Occlusal screw, extra long

RN Regular Neck (Ø 4.8 mm restorative platform)

WN Wide Neck (Ø 6.5 mm restorative platform)

For a complete listing of Straumann products, refer to the catalog (USLIT 007).