

Planning the Provisional Solution

During the treatment planning for your patient's restoration, be sure to consider the entire treatment including the final prosthetic solution, as well as the provisional prosthetic solution. Depending on the final solution, there are several different methods and products used to create a provisional solution.

Temporary Components

Temporary abutments and temporary copings placed on permanent abutments are available for use with a provisional restoration.

Provisional Restorations

The provisional restoration can range from a standard acrylic crown/bridge that is adjusted chair-side to a lab-processed temporary crown/bridge. No matter what solution you provide, it is important to have a smooth contour on the provisional crown to avoid irritating the soft tissue.

When preparing for a provisional restoration, be careful to remove any cement or impression material to avoid contaminating the surgical site.

When using Immediate Function™, a provisional restoration is placed at the time of implant insertion, providing the patient the ability to return to normal eating habits immediately after treatment. Immediate Function™ can be used if 35 Ncm in torque on the implants is achieved at the time of implant placement. Depending on the strategy for the final solution, use temporary abutments or temporary copings on permanent abutments, along with your choice of provisional prosthetic solution.

The two-stage function is used when it is desirable to cover the implants to allow healing prior to placing a provisional restoration.

Before implants are uncovered

To create a provisional restoration for the totally edentulous patient, use the existing denture. Be sure to adjust and relin the denture.

For the partially edentulous patient – after implant insertion, use suitable conventional temporization procedures.

After implants are uncovered

As with the one-stage/immediate function, use temporary components as your planning strategy requires. Indexing at the time of implant insertion enables the fabrication and delivery of an abutment and/or provisional restoration at the time of implant uncovering.

Principle Clinical Procedure for Connecting a Provisional Restoration

For Screw-Retained Provisional Restorations:

The provisional restoration is fastened with the corresponding abutment screw/prosthetic screw. Fill the screw access channel with a suitable material such as gutta-percha, silicone or temporary filling.

For Cement-Retained Provisional Restorations:

The provisional restoration must be cemented with retrievable temporary cement. Remove any excess cement and adjust the occlusion.

Using Permanent Abutments



Single



Multiple

Temporary coping



		Single	Multiple	Temporary coping	
Procera® Esthetic Abutment		✓	✓		Page 24
Snappy Abutment™		✓	✓		Page 8 & 30
Esthetic Abutment		✓	✓		Page 8 & 33
Easy Abutment™		✓	✓		Page 8 & 49
Multi-unit Abutment			✓		Page 10 & 36

Using Temporary Abutments

Immediate Temporary Abutment		✓			Page 9
Temporary Abutment Non-Engaging			✓		Page 10
Temporary Abutment Engaging		✓			Page 10

Temporary Copings on Permanent Abutments

Quick temporization on Abutments, ideal for Immediate Function™.

The provisional restoration is fabricated using a temporary coping on the abutment.

For Multi-unit coping follow the procedures on page 9.



Making Provisional Restoration

- The plastic coping is tried in.
- A temporary crown is fabricated with traditional methods using either acrylic or composite.
- Cement using provisional cement.

Note: Do not use with polyurethane cements.
The cement will not cure.



Immediate Temporary Abutment

The Immediate Temporary Abutment consists of two parts: an abutment and a plastic coping.

Indications

Single tooth implant restoration, made chair-side.



1. Abutment Connection

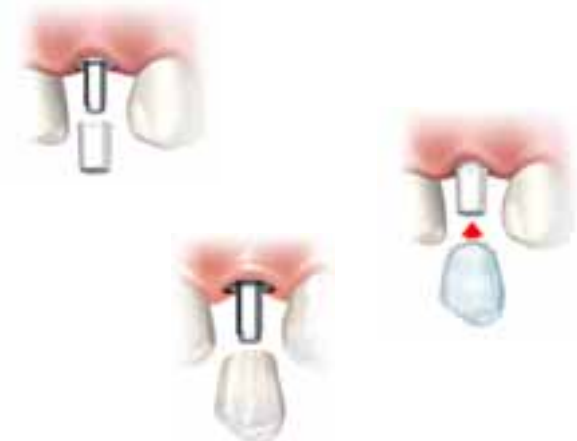
- The abutment is mounted onto the implant and tightened with the **Screwdriver Machine Multi-unit** and **Manual Torque Wrench Prosthetic** to 35 Ncm.



2. Making Provisional Crown

- The abutment post is adjusted for height and clearance if necessary.
- The plastic coping is tried in and relieved for clearance if necessary.
- A temporary crown is fabricated with traditional methods using either acrylic or composite.
- Cement using provisional cement.

Warning: Do not use with polyurethane cements.
The cement will not cure.



Temporary Abutments/Copings

The temporary abutments and copings used for the fabrication of provisional screw-retained restorations are made of titanium or plastic. The retentive grooves on the abutments/copings will help to bind the acrylic material when constructing the provisional restoration.

Provisional restorations may be made either at a dental laboratory or chair-side. For the direct chair-side method, an acrylic mold for the provisional restoration can be made.

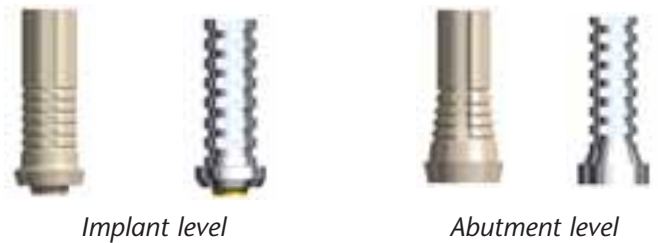
Temporary Abutment/Coping Plastic/Titanium

Indications Non-Engaging

- Multi-unit implant restoration

Indications Engaging

- Single tooth implant restoration



1. Abutment Connection

- Connect and modify the **Temporary Abutment/Coping**.
- Block out undercuts on adjacent teeth if necessary.
- Fill the screw access hole with suitable material.



2. Making the Temporary Restoration

- Fill the plastic mold with temporary crown and bridge material and seat it.



3. Remove the Restoration and make final adjustments

- Drill a hole through the mold and remove the material from the screw access holes.
- Loosen the screws to remove the restoration.














- Remove the mold.
- Make final adjustments.



4. Connection of Temporary Restoration

- The provisional restoration is fastened.
- Fill screw access channel with suitable material.



Product List for Clinical Procedures	<i>External Connection</i>	<i>Internal Connection</i>
Immediate Temporary Abutment <i>Includes:</i> Plastic Coping Immediate Temporary Abutment		
Temporary Abutment Engaging Titanium with Abutment Screw		
Temporary Abutment Non-Engaging Titanium with Abutment Screw		
Temporary Abutment Plastic Engaging without Abutment Screw		
Temporary Abutment Plastic Non-Engaging without Abutment Screw		
Temporary Coping Multi-unit Titanium with Prosthetic Screw		
Temporary Coping Multi-unit Plastic without Prosthetic Screw	