

Implant level

Temporary  
Restoration

## Temporary Restoration



## Benefits

- Place holders to prevent migration of neighboring teeth and extrusion of opposing teeth.
- Aims to determine the optimal restorative design for the given scenario and provide a template for soft-tissue contouring and maturing.



## Things to consider

- Provisional titanium abutments provide high strength and durability for a longer period of time, yet aren't recommended to be adjusted in the patient's mouth due to high heat production.
- Provisional PEEK abutments may be easily adjusted in the patient's mouth, yet provide lower strength and durability.
- Temporary restorations are to be used for a maximum period of 6 months.



## Types

- Single crown
- Bridge

## Components:



Direct temporary free rotation  
cylinder, SP  
CS-TC023



Implant analog, SP  
CS-RSM10



Long driver for 0.05 inch hex.  
MT-RDL30



Torque ratchet for  
prosthetic screws  
MT-RI040

Surgical adapter driver  
MT-MSD20



## Step-by-Step



### Preparation

Attach temporary, free-rotation abutments (CS-T023) to the implants. Mark the desired height, making sure the abutments are 2mm below the occlusal plane and the post height is at least 4mm. Remove the abutments from the implants and shorten them accordingly. The surgical adapter driver (MT-MSD20) may be used.

The recommended tightening torque is 15Ncm.



1.



### Occlusal examination

Retrieve the shortened temporary abutments and connect them to the implants. Place the temporary bridge on the abutments and prepare holes to allow access for the screw. Attach the temporary bridge over the temporary abutments, using light-curing acrylic material to define bite position.

The recommended tightening torque is 15Ncm.



2.



### Temporary restoration preparation

Unscrew the abutments. Remove the restoration (with the abutments) gently from the mouth and attach to implant analogs (CS-RSM10). Fill all gaps with light-curing acrylic resin and make final adjustments, followed by polishing.



3.

## Temporary Restoration



### Temporary restoration placement

Clean and disinfect the temporary restoration.  
Examine the temporary restoration's compatibility in the patient's mouth. Make adjustments if necessary.



Single crown

Bridge

Overdenture

4.



### Screw in the temporary restoration

Use a screwdriver to secure the temporary restoration to the implants. The recommended tightening torque is 15-20Ncm. Seal and secure the screw channel openings.



Single crown

Bridge

Overdenture

5.