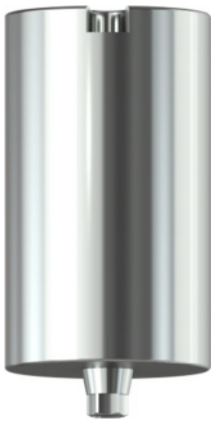
# PreFace abutments

## Straight

Titanium Grade 5 ELI



PreFace abutment

Abutment screw

## Indications

- Single tooth or multiple unit implant restorations
- Cement-retained restorations

### 1. Impression (Dentist)

- Remove the healing abutment or temporary restoration from the implant
- Spray implant interface with air/water spray and dry them
- Select Implant Pick-up and place it into one of the possible index positions of the implant
- Check correct seating and fix it manually
- Take an implant level impression with suitable impression material
- Opposing jaw information and shade are included with the impression and Implant Pick-Up when sent to the dental laboratory

## 2. Laboratory procedures (Dental technician)

- Make sure that the impression material is free of cracks and bubbles
- Mount corresponding Lab Analog on the Implant Pick-Up and prepare a master hard-plaster model with a gingival mask that can be scanned and removed
- Insert the scanbody into the Lab Analog and screw it in with the corresponding screw.
- Select the appropriate implant and PreFace abutment in the Medentika library and scan the model with inserted scanbody.
- Scan the gingival mask
- Construct the custom-made emergence profile and the oral part of the abutment in accordance with the anatomical specifications.

*Ensure that the minimum wall thickness of the PreFace abutment is not less than 0,5mm and the angle does not exceed 30°. The diameter and height of the emergence profile should not exceed 13mm and 6mm, respectively. The total height of the abutment should be between 4,0 and 15,0 mm.*

- Send the data file to the Straumann milling center.

## 3. Milling of the Preface abutment (Straumann milling center)

- Upload the data file and check construction recommendations regarding wall thickness, angulation, emergence profile and length.
- Select the correct PreFace abutment and mount it into the PreFace abutment holder
- Mill the PreFace abutment according to the transferred data file.
- Send the customized Preface abutment to the dental technician

### 4. Abutment checking (Dental technician)

Note: *For strength and fit reasons, never modify the implant interface of the PreFace abutment*

- Insert customized Preface abutment into the Lab Analog of the hard-plaster model
- Check correct construction, fit to the Lab Analog and anatomical situation.

### 5. Abutment connection (Dentist)

Note: *For strength and fit reasons, never modify the implant interface of the PreFace abutment*

- Ensure that the implant platform is free from any soft-tissue or bone remnants.
- Position the abutment into the implant and secure the screw in the implant using the suitable screwdriver.
- A radiograph can be helpful to confirm accurate seating of the abutment
- Tighten the abutment screw to the torque that is recommended in the instruction for use of the abutment using a torque ratchet.

### 6. Cementation of final restoration (Dentist)

- Gently seat the restoration on the abutment and check both the occlusion and the interproximal contacts. The restoration should be in light occlusion. Excursive contact should be minimal.
- Fill the screw access channel with a block-out material to preserve abutment screw access.
- Cement the restoration using permanent cement according to the instructions for use of the cement manufacturers