

# Implant-level impression taking

## Closed-tray



**COMPONENTS:**

- Healing Abutment
- Implant Pick-up or Implant Transfer
- Implant Replica
- Hex Screwdriver

1. Before placing the Implant Transfer, make sure the pin engages the threads in the apical part of the transfer. The pin should not be visible below the indexing. If the pin is visible this could prevent the Implant Transfer from being seated correctly.

2. Use the pin as a carrier to seat the transfer into the implant.

3. Tighten the Implant Transfer securely into the implant. Make sure the internal hex is correctly engaged before tightening the pin. Secure the pin using light finger force.

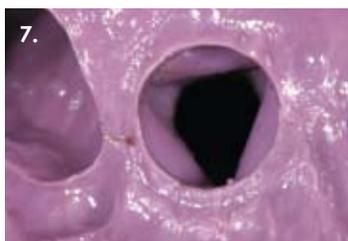
4. Prepare a rigid impression tray with space for the transfer, without interfering with the tray. Inject elastomeric impression material around the Implant Transfer and into the impression tray as soon as possible after the Temporary Abutment or Healing Abutment has been removed.

5. Take the impression.

6. Lift the tray after the impression material has set and unscrew the Implant Transfer.

7-8. Reposition the Implant Transfer in the impression by tightening the transfer into the Implant Replica and using the replica as a handle during the positioning. Check the impression for correct and stable retention of the Implant Transfer.

Perform the first registration of jaw relations to enable mounting of the working model and opposing model into the articulator.



# Implant-level impression taking

## Open-tray



### Open-tray impression

1. Tighten the Implant Pick-up securely in the implant. Make sure the internal hex is correctly engaged before tightening the implant guide pin. Secure the guide pin with the Hex Screwdriver using light finger force.

2. Use a standard or customized impression tray. Make sure the guide pin can penetrate the tray without interfering with it. The prepared hole is covered with wax, which is penetrated by the guide pin during impression-taking.

3. Inject the elastomeric impression material around the Implant Pick-up and onto the impression tray as soon as possible after the Temporary Abutment or Healing Abutment has been removed.

4. Place the tray filled with impression material intraorally. Make sure the guide pin penetrates through the hole made in the tray. Unscrew the guide pin after the impression material has set. Make sure that the guide pin is completely disengaged from the implant before lifting the tray. Check the impression for correct and stable retention of the Implant Pick-up. Perform the first registration of jaw relations to enable mounting of the working model and opposing model into the articulator.

### Immediate placement

5. If immediate placement is preferred, an impression can be taken before the implant is placed and a working model can be prepared. Remove the stone material from the working model at the implant position. At the time of implant placement, tighten an Implant Pick-up into the implant and attach a transfer key to the pick-up. By using the transfer key the position of the pick-up is transferred to the pre-prepared working model. (See page 25 of the Cement-retained restorations manual).