

Enter

Stage 3 | Prosthetic procedures

Step 2

Lab-side relining of a lower complete denture

Prosthetic procedures

Step 2 | Lab-side relining of a lower complete denture

Overview



Assessment and treatment planning



Step 1 | Patient's expectations,
history and examination



Step 2 | Treatment planning



Step 3 | Consultation and consent



Step 4 | Fabrication of the surgical drill template

Surgical procedures



Step 1 | Implant surgery



Step 2 | Post-operative review and suture removal

7–10 days

6–8 weeks

Prosthetic procedures



Step 1 | Abutment insertion, modification and
relining of a lower complete denture



Step 2 | Lab-side relining of a lower complete
denture



Step 3 | Insertion of the final overdenture and
patient instructions

1 week

Aftercare and maintenance



Step 1 | Review visit

3–6 months
(or as necessary)



Step 2 | Maintenance visit



In clinic with patient



Office / Lab work

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Prosthetic procedures

Step 2 | Lab-side relining of a lower complete denture

Introduction



Introduction

Indirect relining of a mandibular complete denture is necessary if the patient's lower complete denture fit after the surgery is inadequate. Lab-side relining has to be planned in advance with your dental technician and needs special costs and planning. The dental technician subsequently fabricates and finishes the denture immediately after relining impression-taking.

This step explains the necessary information which should be communicated to your dental laboratory to help your dental technician reline the overdenture.




We highly recommend that you work with lab technicians who are experienced in implant prosthetic restorations and familiar with the Straumann® Dental Implant System (SDIS).

In the case of an existing, inadequately fitting lower complete denture, indirect relining is necessary. This process requires additional planning, costs and time.

Choose a dental technician experienced in implant prosthetic restorations and familiar with the SDIS.



Learning objectives

-  Understand the importance of planning.
-  Understand that the relining method is according to the dental laboratories standard procedures and must be completed within one day.
-  Understand which information you have to provide to the dental technician together with the patient's denture, in order to obtain the desired relined lower complete denture.



Prosthetic procedures

Step 2 | Lab-side relining of a lower complete denture

Planning, method
and materials



1. Planning

- Lab-side relining of a lower complete denture incurs special costs and requires additional planning.
- The dental technician fabricates and finishes the lower complete denture immediately after impression-taking and returns it, ideally on the same day at most one day later.


Planning is important to ensure that the patient is without their denture for a maximum of one day only.

2. Method

The denture is relined according to the dental laboratories standard procedure. LOCATOR® Denture Caps with black Processing Males or Novaloc® Matrix Housings including Preassembled Mounting Inserts are added by the dental technician. **Within one day** the completed overdenture will be delivered to the dentist.

3. Materials for the dental laboratory

The patient's existing denture must be provided to the dental laboratory.

 **Caution:** The lower complete denture should be disinfected and packed appropriately to protect it against any damage during transportation to the laboratory.

Package the patient's lower complete denture appropriately for delivery to the dental technician.



Prosthetic procedures

Step 2 | Lab-side relining of a lower complete denture

Checklist



CHECKLIST FOR LAB-SIDE RELINING OF A LOWER COMPLETE DENTURE

- ☐ Communicate with the dental laboratory to plan and discuss the procedure.
- ☐ Disinfect and prepare the patient's denture to be sent to the dental laboratory.



Prosthetic procedures

Step 2 | Lab-side relining of a lower complete denture

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All clinical Straumann® Smart content – such as texts, medical record forms, pictures and videos – was created in collaboration with Prof. Dr. Christoph Hämmerle, Prof. Dr. Ronald Jung, Dr. Francine Brandenburg-Lustenberger and Dr. Alain Fontollet from the University of Zürich, Clinic for Fixed and Removable Prosthodontics and Dental Material Science, Switzerland.

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