

Straumann® Novaloc® Retentive System

PREPARATION FOR LAB-SIDE MODIFICATION OF AN EXISTING LOWER DENTURE INTO AN OVERDENTURE SUPPORTED BY NOVALOC® ABUTMENTS

If the lower complete denture's fit is inadequate (poor adaptation to underlying tissue) after surgery and major adjustments are necessary, indirect relining of the mandibular denture is necessary. This means that relining and insertion of Novaloc® Matrix Housings incl. Mounting Inserts are performed by the **dental technician** immediately after border mold impression-taking. Lab-side relining has to be planned in advance with your dental technician.



Place a Novaloc® Forming/Fixing Matrix onto each **Novaloc® Abutment**.



Hollow out the existing denture base in the areas of the Novaloc® Forming/Fixing Matrices with handpiece and resin bur.



Use wash impression silicone to confirm adequate clearance between the Matrix Housings and the denture base.



Insert the lower complete denture into the patient's mouth and check the clearance. The Matrix Housings on the abutments should not touch the denture base. Reconfirm space using wash impression silicone. Adjust the denture base to seat passively in occlusion without touching the Matrix Housings.



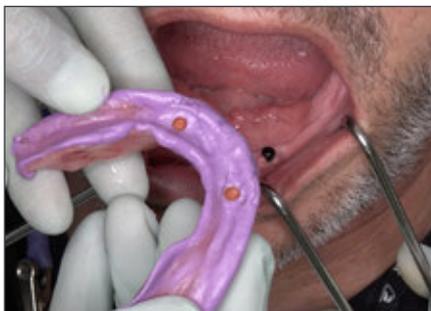
Prepare the lower complete denture for **border mold impression technique**.

- Remove any undercuts from the denture base.
- Check for peripheral extensions and if necessary (optional) adjust them with thermoplastic materials (border molding).
- Dry the inner surface of the mandibular denture with alcohol and apply the corresponding adhesive.



Take a reline impression.

Apply polyether impression material to the internal aspect of the lower complete denture, and take a reline impression with the patient in occlusion.



Once the impression material has cured, remove the lower complete denture with the Novaloc® Forming/Fixing Matrices from the mouth. If the Novaloc® Forming/Fixing Matrices did not remain inside the impression, carefully reseal them into the reline impression.

Send the mandibular denture to the dental technician to reline it, integrate the Matrix Housings and convert it into an overdenture.

After having received the final overdenture from the **dental technician** exchange the Mounting Inserts for the final Novaloc® Retention Inserts and insert the final overdenture into the patient's mouth. For details see brochure *Basic Information on the Straumann® Novaloc® Retentive System for Hybrid Dentures* (490.115).

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