



**Klausz Dental
Laboratories Ltd.**

Working **harder and smarter** for your practice!

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An O.I.C.S. Specialty Laboratory *Occlusion - Implants - Cosmetic- Sleep*

Crowns to Fit Clasps Without Sending The Denture To The Lab

A technique for fabricating a new crown that fits an existing RPD clasp without forcing the patient to surrender their partial

When a tooth under a partial denture requires crowning, the dentist traditionally picks up the prosthesis in a full arch transfer impression and sends it to the laboratory. This allows the technician to use the clasps as a guide when creating the crown contour. For most patients, going dentureless (even for a few days) is unpleasant.

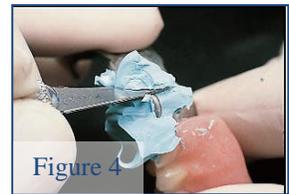
The following technique uses a Blu-Mousse Super-Fast index to register the clasp-tooth-relationship. This allows the technician or dentist to create an accurate template of the clasp. As a result, the patient never has to surrender the prosthesis.

PART 1: How to make a clasp/tooth index using Blu-Mousse Super-Fast material.

1. Prepare the tooth and take the working impression as usual.
2. Insert the RPD in the mouth and assure that it is properly positioned (Figure 1).
3. Inject Blu-Mousse Super-Fast over the preparation. Continue expressing material until the clasps and occlusal rests are completely covered (Figure 2).
4. 30 seconds later remove the RPD with the Blu-Mousse blob attached (Figure 3).
5. Using a blade, carefully trim away the Blu-Mousse until the outer surfaces of the clasps and rests are exposed (Figure 4). Cut away any additional material that prevents the Blu-Mousse index from being removed (Figure 5).
6. Remove the index from the partial denture by pushing it in an apical direction (Figures 6 & 7), temporize the preparation, and send the patient home wearing the partial denture.



A resin template provides an accurate clasp reproduction so the patient doesn't have to function even a single day without their prosthesis.



PART 2: In the lab we create a clasp template using pattern resin (Figure 8 & 9).

When the patient presents for crown cementation, the new crown fits the RPD with few (if any) adjustments (Figure 10), even though the technician never saw the actual partial denture.



Looking for ways to do things better is just another way we are,
“Working Harder and Smarter for your Practice!”