



**Klausz Dental  
Laboratories Ltd.**

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

www.klauszdentallab.com • klauszdl@uniserve.com • Tel: 416-630-6262 • 1-800-410-4392  
40 Kodiak Crescent • Units 11-12 • Toronto, ON • Canada M3J 3G5

## **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.

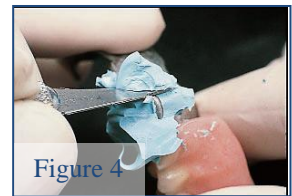
The following technique uses a Blu-Mousse Super-Fast index to register the clasp-tooth-relationship. This allows the technician or dentist to create an accurate template of the clasp. As a result, the patient never has to surrender the prosthesis.

### **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!”