

## Implant Impression Technique

# Right the First Time!



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Implant dentistry is a very mechanical process as opposed to conventional dentistry. With this in mind, it is important to remember that “mechanical devices” either fit or they do not, there is no middle ground. Implant abutments are precisely machined to have intimate contact with the intra-oral fixture, and an accurate fit is essential in order to avoid fixture failure. When it comes to implant dentistry, there are a few simple steps to follow that insure a stress-free process while avoiding embarrassment to you and inconvenience to your patient. Following this simple impression technique will guarantee an accurate fit.

**Step 1:** Take a fixture level impression using open tray impression copings, with a stock tray where the occlusal surface above the implants has been cut

away, and access to screws is clearly visible above the tray. After the impression has been poured, the technician will remove the copings from the impression, place them on the model, and wrap acrylic around them and splint them together, they are then separated and the resulting **Verification Matrix** is sent back to the dentist. (Figures 1 - 3).

**Step 2:** Place copings intra-orally in the same position as on model received.

**Step 3:** Verify by X-Ray that all copings are well seated.

**Step 4:** Splint together intra-orally using Duralay or a self-curing acrylic.

**Step 5:** Retake impression.

After the framework is fabricated, it is placed intra-orally and the fit is again

verified by X-Ray. A new bite is then taken over the framework. (Figures 4 and 5)

Aurum Ceramic/Classic and its Dental Advisory Board are pleased to announce the launch of a new section of its popular Manual of Prosthetic Reconstruction Binder covering Implant Techniques. Look for the first “Binder Sheet” in the series (“Implants 1”) bound into the center of this issue of Continuum. Future issues of Continuum will contain additional Binder Sheets in the Implant series.

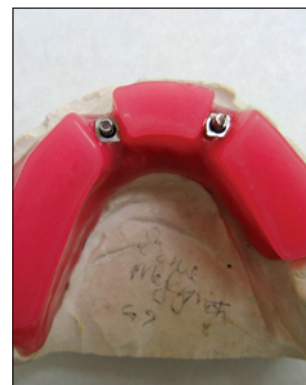
For more information on impressions and other aspects of implant-based techniques, please contact the Advanced Esthetic Implant Specialists at your closest Aurum Ceramic/Classic laboratory location (See Page 2 for locations and contact information).



Figures 1 and 2 - Open Tray Impression.



Figure 3 - Verification Matrix on model.



Figures 4 and 5 - Bite rim.