

TIPS FROM OUR READERS

Impression for an immediate denture with mobile teeth:  
A clinical approach



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During the fabrication of an immediate complete denture, making the impressions may present difficulties,<sup>1,2</sup> especially if the remaining teeth are mobile or painful. In addition, there may be deep undercuts from tilted teeth, root furcations, and spaces between pontics and the residual ridge. Removal of the impression could be difficult and painful, even resulting in extracting the mobile teeth.

An excellent technique is to coat the mobile teeth and fill the undercuts with light-bodied silicone before making the complete-arch impression with irreversible hydrocolloid. Impression removal will be performed in 2 steps without discomfort or risk to the teeth.

PROCEDURE

1. Cover the mobile teeth and fill the undercuts with low-viscosity silicone (Aquasil Ultra Monophase; Dentsply Sirona) with a syringe (Fig. 1).
2. Once the silicone has polymerized, make the impression with an irreversible hydrocolloid (Plas-talgin; Septodont) (Fig. 2A).
3. After the irreversible hydrocolloid has polymerized, remove it and then remove the silicone material, which will remain on the teeth (Fig. 2B).
4. Relocate the silicone material in the irreversible hydrocolloid impression and secure it with cyano-acrylate resin (Super Glue 3; Loctite) (Fig. 2C).

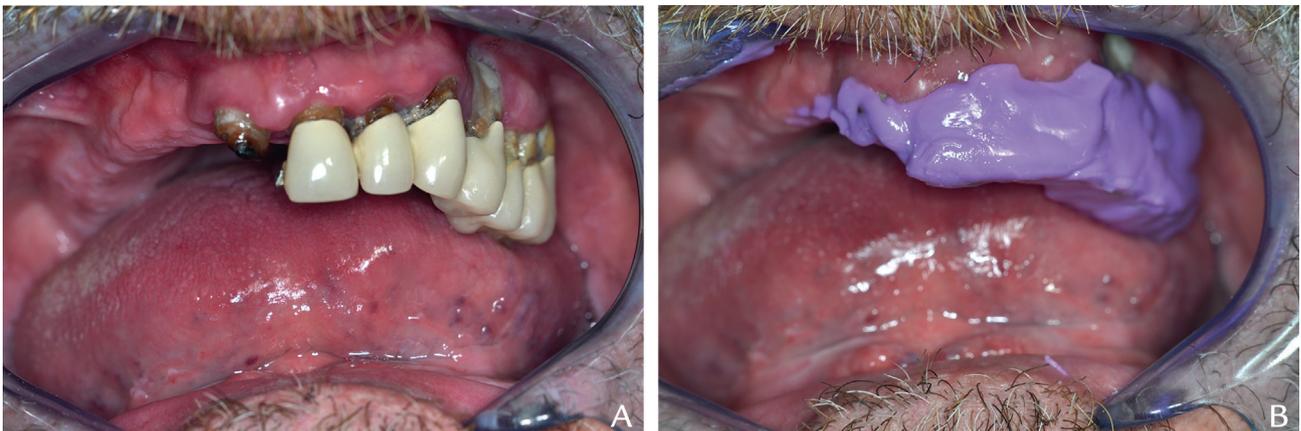
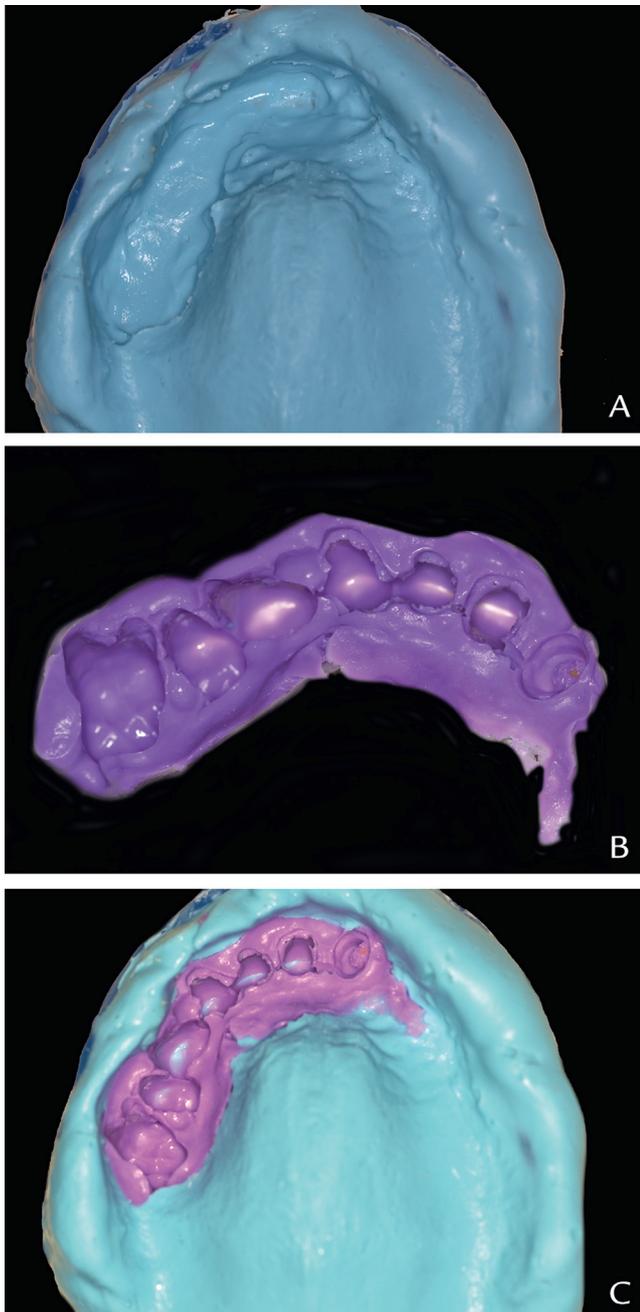


Figure 1. A, Remaining mobile teeth before impression. B, Silicone material covers teeth.

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**Figure 2.** A, Irreversible hydrocolloid impression. B, Removed silicone material. C, Silicone material repositioned in impression and attached with cyanoacrylate resin.



**Figure 3.** A, B, Definitive cast.

5. Pour the impression (Vel-Mix Stone; Kerr Corp) (Fig. 3).

#### REFERENCES

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