



# LuxaCrown: Immediate and Long-Lasting Solution

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A male patient presented with an old, broken Luxatemp provisional bridge made six years ago as a temporary solution to a porcelain bridge (Figure 1). Due to economic challenges, both then and now, a new crown and bridge material option, LuxaCrown, was recommended. Not only does LuxaCrown last longer than a temporary crown and bridge material, but as a chairside solution it allows me to provide immediate care. The patient graciously accepted the treatment plan.

## The following treatment steps took place:

1. An impression was taken with StatusBlue, an alginate substitute (Figure 2).
2. A stone model was made (Figure 3) of the initial situation.
3. The broken bridge segment was luted to the stone model (Figure 4).
4. The luted segment and lateral incisors were rebuilt using direct composite (Figure 5).
5. The completed model is now ready for impression - StatusBlue was used for the matrix (Figure 6).
6. A final StatusBlue impression was made on the corrected model that will be used to make a new LuxaCrown bridge (Figure 7). You can tell the patient is a smoker. The acrylic bridge picked up a lot of stains.
7. The abutment teeth were re-prepped and refined prior to fabricating the long-term provisional with LuxaCrown (Figure 8).
8. The final LuxaCrown long-term provisional (Figure 9) was fabricated and cemented.

The patient was thrilled, and I was happy that I was able to offer a more stable solution. My philosophy is that if a tooth has a guarded prognosis, it is best to perform a procedure that will attempt to solve the problem chairside.



Figure 1 - Patient's broken provisional bridge



Figure 2 - Impression of the patient's initial situation



Figure 3 - Stone model of the patient's initial situation



Figure 4 - Broken bridge segment luted to the model



Figure 5 - Luted segment and lateral incisors rebuilt



Figure 6 - Stone model ready for impression



Figure 7 - StatusBlue impression



Figure 8 - Abutment teeth re-prepped and refined



Figure 9 - Final LuxaCrown bridge