

Surface retained bridge using Perma Fiber

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1.



2.



3.



4.



5.

Surface retained bridge

Step-by-step:

1. An 18-year old woman with congenitally missing maxillary lateral incisors is to be treated with implant crowns.
2. After the implant surgery, the missing teeth were replaced with a Perma fiber-reinforced surface retained **Maryland bridge**. The use of transparent fiber-reinforced composite frame instead of a cast metal frame for the bridge, was justified by the fact that the fiber-reinforced composite frame offers superior cosmetic value, and that the composite resin luting cements adhere better to fiber-reinforced composite than they do to the metal. The bridge covered six teeth in the palatal area.
3. The frame of the bridge was made of Triad Gel using Perma fiber reinforcement. The proximal spaces were carefully kept open to avoid the need for chairside preparation. The attachment surface area was made as large as possible.
4. Once the bridge was in place and luted, it exhibited highly aesthetic features. Note the proximal spaces; there is no need for any chairside preparation, which could easily break the fibers.
5. A surface retained bridge can achieve both a superb aesthetic finish and excellent functional performance.

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