

Placing a Core Buildup

When a tooth is severely broken down, there may not be enough tooth structure left to securely hold a crown. We use a core buildup to replace the missing portion before placing the crown.

Although there are several materials that we can choose from, the one we most commonly use is a composite resin that is bonded to the tooth.



Insufficient tooth remaining to place a regular crown



Adding material to build up tooth core



Placing a crown over a core buildup

The procedure

If necessary, we first numb the area to keep you comfortable. Then we make sure the tooth is free of decay. To prepare the tooth for the buildup material, we apply a mild etching solution. Next we build up the tooth by carefully placing the buildup material. Some core materials harden on their own, while others are cured with a high-intensity light.

The core material and the tooth are then shaped to accept the crown. We then begin the steps necessary to create and place a new crown to cover and protect your tooth.

The benefits of building up a tooth

Building up a tooth before placing a crown has several benefits. A core buildup:

- ❖ Supports the remaining tooth structure
- ❖ Provides better stability and retention for the crown
- ❖ May reduce sensitivity by providing insulation between the crown and the inner pulp layer of the tooth

A core buildup is a necessary and important step before crowning teeth that have been severely damaged due to decay or fracture.