

DENTISTRY *for the 21st Century*

Advantages of a BioMimetic crown

- Less healthy tooth structure is removed.
- Less potential chances of damaging the nerve inside the tooth.
- The visual look of the restoration is identical to the natural tooth structure.
- Chances of decay getting under the restoration are small compared to a conventional crown.

Disadvantages of a BioMimetic crown

- There is the possibility that the porcelain crown could fracture.
- There is the possibility that the porcelain crown could de-bond (fall off) the tooth. This would require a new crown to be made.

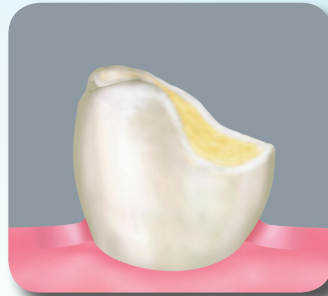
Actual patients treated in our office



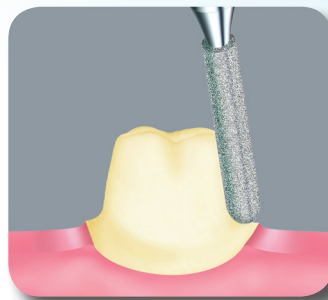
Conventional Dentistry



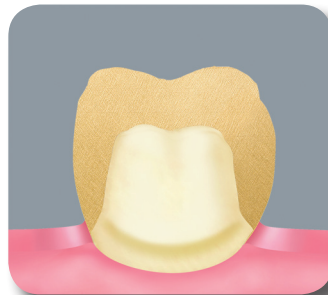
Decay has progressed and a crown is now indicated.



The decay is removed so that only good and solid tooth structure remains.



Because a conventional crown is held in place by the way the tooth is shaped, the dentist must drill away significant healthy tooth structure.

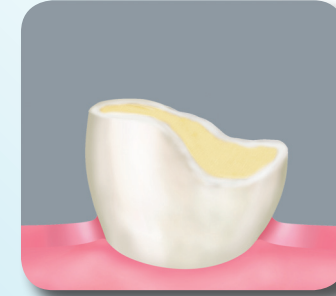


A metal crown is now placed over the tooth.

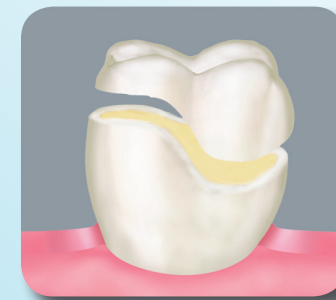
BioMimetic Dentistry



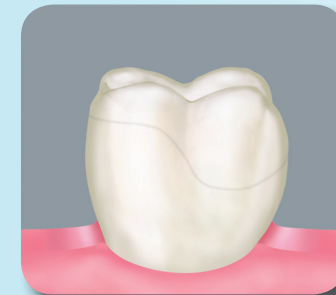
Decay has progressed and a crown is now indicated.



The decay is removed and a small portion of the tooth is removed to make it ready for the BioMimetic crown.



Because a BioMimetic porcelain crown is bonded to the tooth, extensive drilling of the tooth is not required.



A porcelain crown is now "bonded" over the tooth using resins. This restores the tooth back to its natural state.