

Harvard BioCal®-CAP easy & perfect ...

... Harvard BioCal®-CAP is a bioactive light cure, resin-modified MTA cement from the syringe.

This material is ideal for direct and indirect pulp capping.

- Calcium release and a high pH value promotes the formation of hydroxyapatite respectively tertiary dentin
- For direct and indirect pulp capping for the treatment of deciduous and permanent teeth
- Creates an environment hostile to bacteria
- Moisture tolerant
- No solubility
- Radiopaque
- Light cure



Physical Properties

	Harvard BioCal®-CAP	Bisco TheraCal LC
Flexual strength	28 MPa	27 MPa
Compressive strength	85 MPa	83 MPa
Calcium release (24 h)	225 µg / cm ²	213 µg / cm ²
pH value (24 h)	12	12



Order information	Order no.
Harvard BioCal®-CAP 1 g syringe, 12 needle tips	7081550
Harvard BioCal®-CAP 4 x 1 g syringe, 50 needle tips	7081551*
Harvard NeedleTips H22 Refill bag with 50 needle tips	7095162

* No stock item, please contact the Harvard sales team.

Liability is excluded for all printing errors and omissions. Before using our Harvard products, the respective directions for use should be noticed in every case. All measurements are internal measurements of Harvard Dental International.

Harvard Distribution Partner.

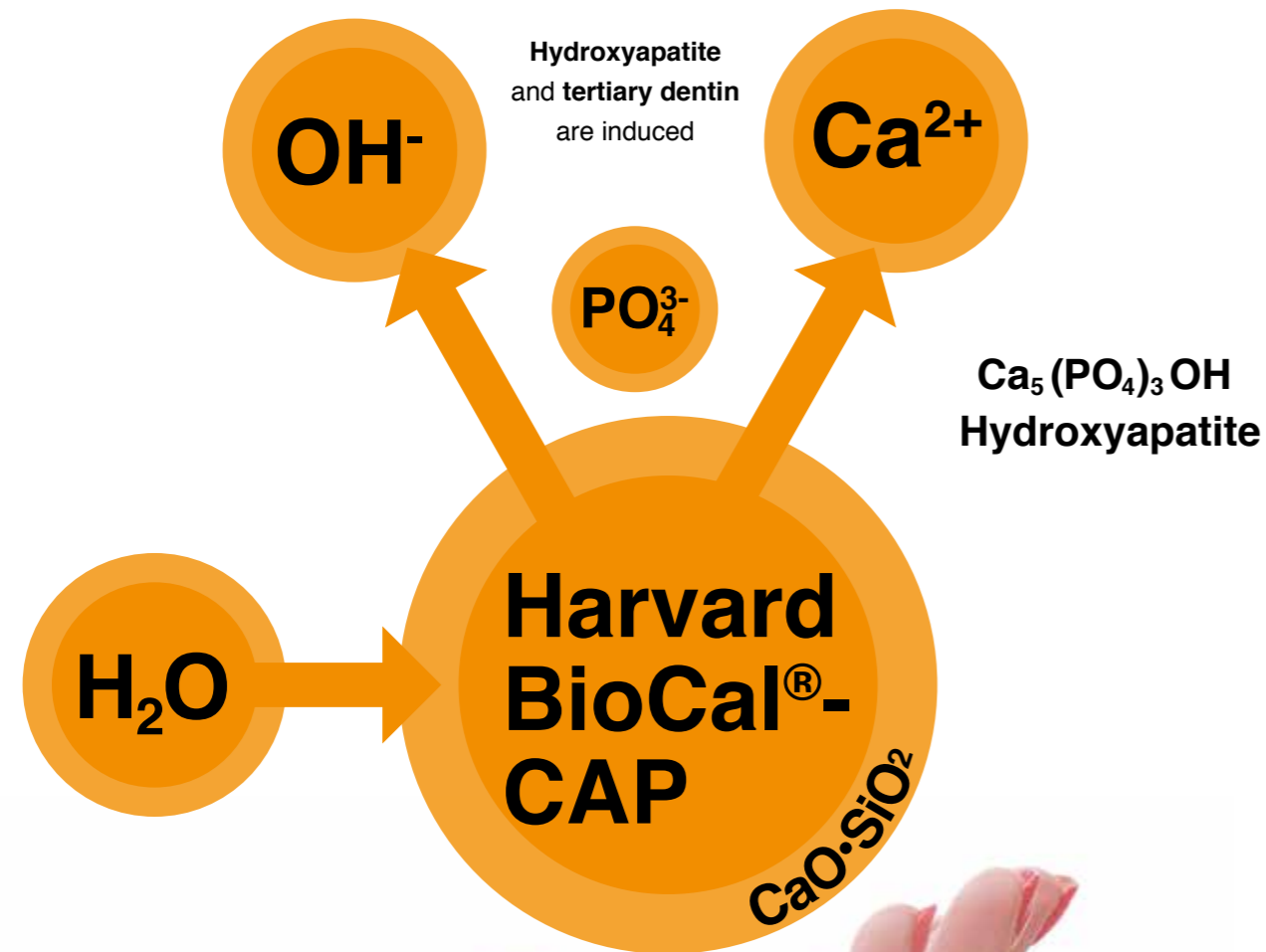


Harvard BioCal®-CAP

The plaster for the pulp.



Harvard BioCal[®]-Cap effective and bioactive.



Dentin fluid penetrates the layer of **Harvard BioCal[®]-CAP**. This leads to a release of calcium and hydroxide ions. The tooth reacts with the formation of hydroxyapatite and tertiary dentin.

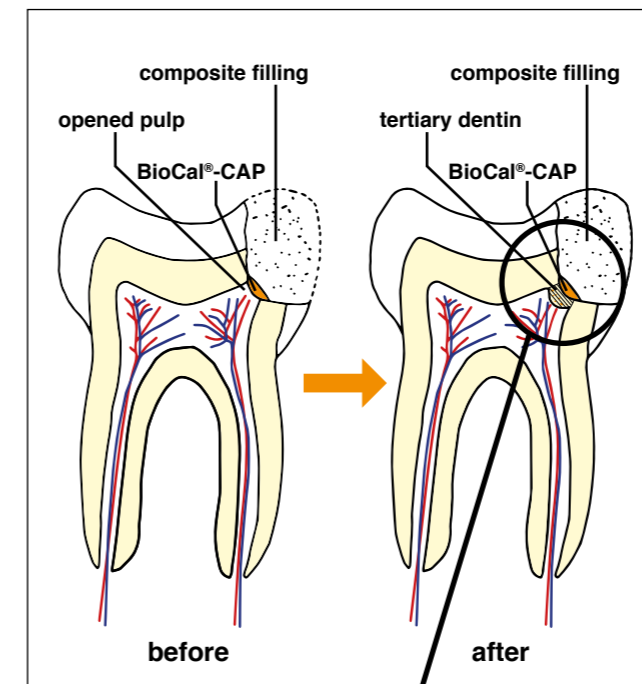
MTA - resin modified applied directly from the syringe

... **Harvard BioCal[®]-CAP** is a light cure, resin-modified MTA-Cement for direct and indirect pulp capping. The significant release of bioactive calcium on moist tooth surfaces promotes the formation of hydroxyapatite as well as tertiary dentin, leading to safe pulp protection. A high alkaline pH level creates an environment hostile to bacteria, which is conducive for healing and protects against hypersensitivity.

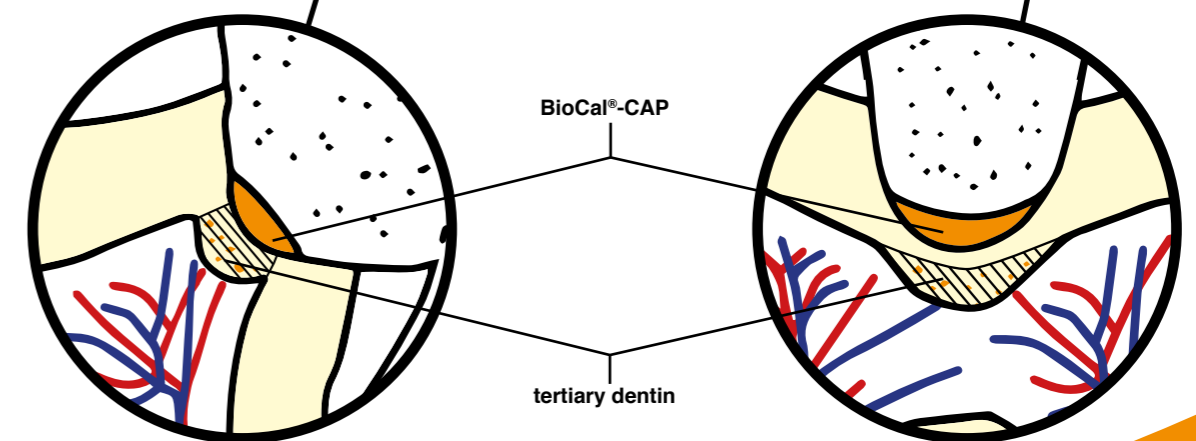
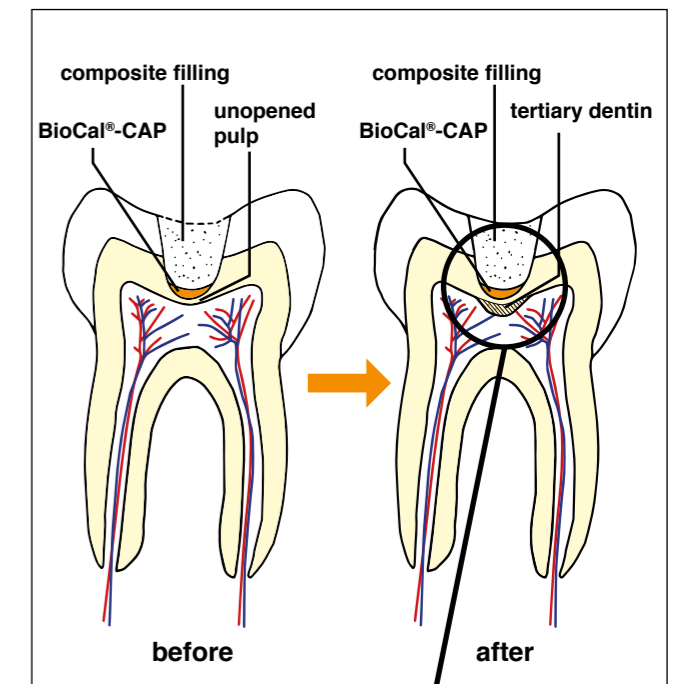
The optimal sealing with **Harvard BioCal[®]-CAP** protects against bacteria. **Harvard BioCal[®]-CAP** is moisture tolerant, not soluble and has an excellent radiopacity.

Can be applied directly and precisely

Direct pulp capping



Indirect pulp capping



The significant release of bioactive calcium promotes the formation of hydroxyapatite and tertiary dentin.