



## INSTRUCTION FOR USE

Important: please read before use.

### Device Description:

The EZCrown is an individual, cement-retained, full-coverage ceramic crown unit used on natural primary teeth.

### Materials:

Zirconia—biocompatible yttria-stabilized, tetragonal Zirconia (Y-TZP)

### Indications:

To be used as a final, full-coverage restoration on decayed or damaged anterior or posterior primary teeth.

### Contraindications:

- Bruxism with heavy occlusion
- Loss of vertical tooth
- Class 3 malocclusion in some cases
- Insufficient remaining tooth structure

### Procedural Precautions:

- Because the crowns are small, please exercise care that they are not swallowed or aspirated by the patient. Use rubber dam isolation where indicated.
- If modifying the restoration, use appropriate protective equipment to avoid inhalation of Zirconia dust.
- Trying to force a restoration on an under-prepared tooth can cause the crown to fracture, exposing a sharp edge of Zirconia. Please follow passive fit guidelines when using EZCrowns.
- It is the responsibility of the dentist using EZCrowns to determine whether or not any product is suitable for the particular patient and circumstances. Sprig Oral Health Technologies, Inc. disclaims any liability, expressed or implied, and shall have no responsibility for any direct, indirect, punitive or other damages arising out of or in connection with any errors in professional judgment or practice in the use of EZCrown products.
- EZCrowns are delivered non-sterile and the clinician is responsible for disinfection.

### Clinical Procedure:

1. Tooth Selection: Select the appropriate crown size prior to tooth preparation.
2. Tooth Preparation: Reduce incisal or occlusal tooth surfaces by 1.5–2.0 mm. Remove 0.75–1.5 mm of tooth structure from the buccal and lingual surfaces following the natural contours of the original tooth. Reduce the inter-proximal to create parallel mesial and distal walls that extend from 1–2 mm subgingivally. The completed preparation should be ovoid when viewed from the incisal or occlusal edge.
3. Crown Adjustment: It is possible to adjust an EZCrown with a high-speed, fine diamond, using lots of water to prevent excessive heat from causing micro-fractures in the crown's ceramic structure.
4. Passive Fit: It is very important that EZCrowns fit passively. They DO NOT flex, and pushing harder may fracture the crown. Crown should fit subgingivally without distorting the gingival tissue.
5. Crown Cementation: Remove all blood and residue from both the tooth and the crown before cementing with high-quality glass ionomer cement. Apply consistent, firm finger pressure during cementation, allowing the crown to remain undisturbed until the cement has completely hardened. Care should be taken to remove all excess cement. Tooth labeling can be scratched off with a spoon or polished off with coarse prophylaxis paste.



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**Covered by one or more of US patent Nos. 9,655,690 and D662,594; and multiple other patents pending.**

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