

Total-Core

Professional Dual Syringe Tooth
Whitening Kit



Product Description

BrightCore-O and **BrightCore-L** are professional in-office tooth whitening kits designed exclusively for dental professionals. Both kits utilize a dual-syringe (Dual Syringe) format, containing a bleaching gel with 35% carbamide peroxide combined with hydrogen peroxide as the active bleaching agent

Unlike conventional bleaching products that require an external light source to initiate free radical formation and complete the whitening process (laser, LED, curing light, etc.), **BrightCore-O** and **BrightCore-L** generate free radicals through a sudden change in pH upon mixing the two gel components in the dual-syringe tip. This mechanism enables the products to be used without an external light source, with a total treatment time of 30 minutes per session.

When a shorter treatment time is desired, clinicians may use **BrightCore-L** with a diode laser, or — when using dental LED light sources — **BrightCore-O** is recommended.



Kit Contents

- One dual syringe containing bleaching gel (35% carbamide peroxide + hydrogen peroxide + Activator)
- One 1 cc syringe of gingival barrier resin (for gingival and soft tissue protection during bleaching)
- One 0.5 cc syringe of desensitizing gel (for post-bleaching sensitivity management)
- 3 mixing tips for bleaching gel delivery
- 6 curved tips for desensitizer and gingival barrier application

Protocols

BrightCore-O — LED-Activated Protocol

| Method 1 (No Light Source) | Method 2 (Dental LED) |
|--|---|
| No light source required Application time: 30 minutes Repeat: max 2 sessions per day | Use dental LED (wavelength: 400–500 nm) Application time per session: 15 minutes Repeat: max 2 sessions per day |

BrightCore-L — Laser-Activated Protocol

| Method 1 (No Light Source) | Method 2 (Laser) |
|--|---|
| No light source required Application time: 30 minutes Repeat: max 2 sessions per day | Diode laser: wavelengths 810, 940, 980 nm 810 & 940 nm – Single tooth: 1.5–2 W / 30 sec × 3 / Arch: 7 W / 30 sec × 3 980 nm – Single tooth: 1.5–2 W / 30 sec × 3 / Arch: 5 W / 30 sec × 3 Repeat: max 2 sessions per day |

Product Features

- Ready-to-use gel, delivered via Dual Syringe — eliminates gel waste and enables repeated use across multiple sessions
- Combined carbamide peroxide and hydrogen peroxide formulation: the sudden pH change upon mixing activates free radical release, enabling light-source-free application
- Precise concentration for optimal enamel protection and dehydration prevention while enhancing enamel strength
- Proprietary formulation to prevent dehydration and long-term tooth discoloration
- Appropriate viscosity to prevent gel runoff and ensure stable retention on enamel surfaces

Storage: Store at 4–12°C for optimal results.

Important Clinical Recommendations

- Due to the carbamide peroxide component (CP), crystal formation may occur during cold storage. It is recommended to remove the kit from the refrigerator 1 hour before use and equilibrate to room temperature before application to dissolve any crystals.
- When using **BrightCore-O**, avoid using dental curing lights to prevent polymerization.
- After laser irradiation (**BrightCore-L**), keep the gel on the teeth for an additional 8 minutes.
- Avoid sudden temperature changes to the bleaching gel syringe; store in a stable environment.
- Do not freeze the syringes.
- Prior to use, allow the gel to slowly exit the mixing tip, then check for proper mixing before intraoral application.

- Avoid direct application of materials inside the syringe onto tooth surfaces prior to mixing.
- It is not recommended to perform more than 2 bleaching cycles per day for a single patient. A minimum rest period of 10 days between cycles is advised.
- Following the procedure, provide dietary restrictions and advice to the patient regarding food coloring avoidance, beverages, and smoking.



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