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BEYOND® Power Whitening System

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BEYOND Dental & Health
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Description

The **BEYOND Power Whitening System** is an in-office tooth whitening system designed to whiten teeth in three, 10-minute treatments. The whitening gel is delivered in a dual-barrel syringe and contains hydrogen peroxide and silicon dioxide. The gel is activated by the system's light at a wavelength of 480-520 nanometers, which is filtered to remove any harmful ultraviolet light. The light is packaged with assembly instructions, two pairs of goggles, an instruction DVD, and an operations manual, as well as a marketing kit including 100 brochures, two wall posters, a standing poster, a before and after photo book, and a window decal. The whitening kit contains 3 ml of the whitening gel, a 2-ml bottle of 35% hydrogen peroxide, 650 mg of catalyst, 1 ml of gingival protector, cheek retractor, polishing sand, lip protection cream, 30-g tube of *BEYOND Pearl White Toothpaste*, and all the necessary accessories. The hydrogen peroxide is used in combination with the silicon dioxide for patients having dark stains or tetracycline-stained teeth before the whitening gel treatment. The whitening gel must be refrigerated. The **BEYOND Power Whitening System** was used for 20 in-office whitening treatments. This product received a 91% clinical rating.

Suggested Retail Cost

- \$85.00/kit
- \$2,600.00/light

Product Features

The **BEYOND Power Whitening System** provides very good whitening results in a relatively short treatment time. The system is packaged with illustrated and written instructions and is supported by a DVD for assembly of the light and for the application procedure for the whitening treatment. The kit contains all the required materials for isolation and pre-treatment of dark discolored teeth and a toothpaste that contains calcium peroxide to remove superficial stains from the teeth after the whitening procedure. The whitening gel covers the tooth surfaces well, stays in place during the treatment, and can be easily removed with a high-volume evacuator. Although the light assembled quickly, consultants reported that it was somewhat unstable when it was moved between operatories. The average shade change was 4-5 shades on the Vita value-ordered guide. Patients with tetracycline-stained teeth who were first treated with the mixture of hydrogen peroxide and silicon dioxide showed a definite improvement in whitening after one treatment, particularly in the incisal half of the teeth. A number of patients reported sensitivity in the teeth and soft tissues during and after treatment attributed to both the light and the whitening gel.

Clinical Tip

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- For better adhesion of the gingival barrier apply a thin layer to dry gingiva, cure for three seconds per area or by moving across the arch for 20 seconds, apply a second thin layer and cure again for three seconds per area or by moving across the arch for 20 seconds. The gingival barrier performs best when cured completely.

Consultants' Comments

- "Good results for the short treatment time."
- "Quick, simple procedure for patients with a busy schedule."
- "Some discomfort from the light."
- "Dam material does not flow as well as other gingival barriers I have used."
- "The light does not pivot and is difficult to align with the patient's mouth."
- "Cheek retractor is uncomfortable - need additional sizes to accommodate different size mouths."