Description

*Variolink Esthetic* is an adhesive luting composite for the permanent cementation of ceramic and composite restorations. Based on its predecessors, *Variolink II* and *Variolink Veneer*, *Variolink Esthetic* combines features of both and is available in light-cure (LC) and dual-cure (DC) versions. *Variolink Esthetic* contains the patented light initiator, *Ivocerin*, which is 100% amine-free for enhanced shade stability. *Variolink Esthetic LC* is indicated for use with glass-ceramic, lithium disilicate and composite inlays, onlays, and veneers with a material thickness of less than two millimeters and sufficient translucency for light penetration. *Variolink Esthetic DC* is designed for cases in which full light curing cannot be achieved, including opaque ceramic and composite inlays, onlays or partial crowns, and crowns and bridges. Each formulation has five shades available: Light+, Light, Neutral, Warm, and Warm+. *Variolink Esthetic LC* is supplied in 2 g syringes, while *Variolink Esthetic DC* comes in 5g and 9g automix syringes. The *Variolink Esthetic* system kits contain one syringe each of Warm, Neutral and Light cement and try-in paste, etching gel, *Adhese Universal VivaPen*, *Monobond Plus*, *Liquid Strip*, and accessories. *Variolink Esthetic* was evaluated by 31 consultants in over 300 uses. This adhesive resin cement system received a 98% clinical rating.

**Product Features**

**Packaging/Manufacturer’s Instructions**

*Variolink Esthetic* is packaged as a complete kit with all of the products necessary for cementation of ceramic or composite restorations. The kit itself is organized with an integrated flow chart, guiding users through the proper sequence and application of the materials to the tooth and restoration. A separate laminated card and instruction sheet give more detailed information. The Light-to-Warm shading system is not based on specific colors, rather it is based on the cement’s ability to slightly lighten, darken or maintain the appearance of the restoration. Try-in pastes are true to the color of the cured cement and are easy to clean off with water. Cement colors are stable after light curing with no shade shift. The viscosity allows complete seating of restorations with minimal pressure, and excess cement is easy to clean before and after light curing.
Bioactive Materials: Where are we now?

Dentistry is continually striving towards minimally invasive approaches to treatment. Terms such as “bioactive” and “biomimetic” are therefore becoming increasingly important and of ever-growing intrigue.

As materials filter into the marketplace, a working definition of “bioactive” materials becomes increasingly important.

This issue of THE DENTAL ADVISOR defines bioactive products and their use in clinical practice. Laboratory research and long-term clinical results are also featured.