DANVILLE MATERIALS

Bulk EZ Bulk Fill Composite

One-step Bulk EZ provides unlimited depth of cure with no gaps or voids.

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direct restorations can fly in the face of effi-
ciency, increasing chair time with the need for layering and light-curing, and leaving clini-
cians to deal with microleakage, gaps, and voids. For Dr. John Newland, Danville’s Bulk EZ bulk fill composite addressed those issues. The material requires no layering and provides unlimited depth of cure, with minimal microleakage and no visible gaps or voids. “It’s the best of the bulk fills that I’ve used,” said Dr. Newland, one of the dentists who evaluated the dual-cure composite for Dental Product Shopper. “I trust Danville products.”

Overall Ease of Use, Simplicity of Procedure

Bulk EZ’s 1-step placement without the need for layering saves time and enhances efficiency, according to Danville. Bulk EZ provides a work/set time of 90 seconds and, when allowed to self-cure, offers excellent physical properties and an unlimited depth of cure. Light-curing is needed only to harden the air-inhibited top layer after self-curing. Unlike other dual-cure composites, it is compatible with all methacrylate-based bonding agents.

“[Bulk EZ] reduced the time to complete a fill-in,” shared Dr. Doron Keren. Dr. Newland agreed, saying it sped up the process and standardized the procedures. Dr. Bhavit Sheth, who used Bulk EZ on a patient with a limited opening, noted that it made the process more efficient and said he liked the product’s simplicity, ease of use, and polishability.

“[Bulk EZ] seems to be formulated to cure through more thickness,” noted Dr. Scott Miller. Dr. Mary Gaddis commented that the working time fit well with her practice. Stating that the material adapts like a flowable and has complete depth of cure, Dr. Emery M. Cole went on to remark that the product can be placed more rapidly and patients can rest their jaws for 90 seconds, as opposed to the incremental composite layering technique and light-initiated curing and isolation.

Handling and Adaptation

The material is formulated for optimal flow and adaptation, which is why Dr. Cole said he would recommend the material to his colleagues. “[Bulk EZ] decreases the chances of voids due to flowable adaptive characteristics,” Dr. Cole said, adding, “The bendable tip allowed precise placement.” Describing the material as a great product to have for any cavity fill, Dr. Miller noted that cavity adaptation was very good and he liked the smaller cannula tips. “[It’s] very easy to place, but seemed softer than the hybrid composite I use normally,” shared Dr. Donald LeClair. Dr. Gaddis said, “Ease of handling was great. It flowed well, but wasn’t too runny.”

“IT’S THE BEST OF THE BULK FILLS THAT I’VE USED.”

Reliability

According to Danville, Bulk EZ’s unlimited depth of cure guarantees complete curing in the deepest cavities. While light-cure composites produce shrinkage toward the top of the restoration, Bulk EZ results in directed shrinkage toward the bottom and side walls. This directed shrinkage produces excellent interproximal margins with no microleakage, visible voids, or gaps at the bottom of the restoration, and it reduces the risk of postoperative sensitivity and recurrent decay. The material allows for full compatibility with all readily available bonding agents, including both total- and self-etch systems.

For Dr. Karen, Bulk EZ increased confidence in a thorough cure. Dr. Miller said he was not worried about sensitivity after bulk fill with Bulk EZ. Dr. Gaddis, who reported using the material for a build-up after placing a post on a severely broken-down premolar, said she felt more confident with placing build-ups: “[Bulk EZ] increased confidence that the product cured well to the end of deep restoration preparation,” said Dr. Richard Reilly. Referring to an endodontically treated molar with distal subgingival excavation and dual posts, Dr. Cole reported, “I was able to use this material as a core build-up without a distal wall, and the material adapted excellently around the posts with little to no slumping due to rapid initial set.”

Overall Satisfaction

Citing ease of use and esthetics as Bulk EZ’s primary advantages, Dr. Newland noted, “The esthetics of the material are much improved compared to most of the other bulk fills that I’ve used.” When asked about potential improvements, a few evaluators said they would like to see other shades offered. Dr. Gaddis said she would like a shade that is easy to discern from the tooth structure.

PRODUCT EVALUATION SNAPSHOT

**CRITERIA BASED ON AVERAGE SCORE (OUT OF 5)**

**SECTION A**

- Overall ease of use/simplicity of procedure: 4.1
- Ease of handling: 3.9
- Internal cavity adaptation: 4.0
- Esthetics – shade selection and stability: 3.7
- Polish and luster: 3.9

**AVERAGE OF SECTIONS A AND B**

- SECTION B: 3.9
- OVERALL SATISFACTION: 3.5

**FINAL SCORE**

- 3.7

**PRODUCT EVALUATION Q&A**

**FROM THE PODIUM**

**EARLY ADOPTERS**

**WHY I USE**

**PRODUCT EVALUATION TAKEAWAYS**

- Speeds up process and standardizes procedures
- Easy to place with good adaptation
- Reduces time to complete a filling
- Cures through more thickness
- Eliminates layering

**FOR FREE INFORMATION:**

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