

PARKELL

Materials You Can **Rely on** to **Restore & Remineralize**

Products within the Predicta Bioactive family from Parkell have one thing in common—they make teeth healthier

When restoring a vital tooth, Dr. Howard S. Glazer prefers to use a restorative material that will play a much greater role than that of a traditional composite resin. By using a bioactive material that remineralizes and restores the tooth, while helping to prevent secondary decay, he can be confident that the restoration will be successful in the long term.

That is why Dr. Glazer, a Fellow and Past President of the Academy of General Dentistry, uses the Predicta Bioactive family of products from Parkell when treating patients at his general practice in Fort Lee, NJ. Predicta Bioactive Core and Predicta Bioactive Bulk are innovative restorative products that release fluoride, calcium, and phosphate ions to the existing tooth structure, which helps to trigger the formation of a protective layer of mineral apatite, the predominant element found in both enamel and dentin.

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Strong and Stable Support

Indicated for core buildups and as a post cement, **Predicta Bioactive Core** provides strong and stable support for zirconia, porcelain, PFM, and metal crowns. The material is dual-cure, eliminating the risk of an incomplete cure that would lead to sensitivity and restoration failure. Predicta Bioactive Core also contains zirconia for an improved prepping experience.

"It cuts and feels like dentin when you're using it, which is important. It's not a mushy material and it's not an overly hard material, so it's certainly easy to prep a tooth and shape your core using it," Dr. Glazer said.

Predicta Bioactive Core is available in both high viscosity, which is more stackable and ideally suited for larger core build-ups; and low viscosity, which is more flowable and recommended for cases where post cementation and core are done together. "It handles nicely," said Dr. Glazer. "It's out of an auto-mix syringe, which expedites the placement of the material and saves you chair time."

Fill Any Size Cavity Prep

Predicta Bioactive Bulk is a highly polishable universal composite that can be used in all areas of the mouth and is indicated for all restoration classes. The dual-cure composite offers unlimited depth of cure and can be used to fill any size cavity preparation—all the way up to the occlusal surface, without any need for additional layering.

"It has a good depth of cure all the way down to the bottom, so you can fill it in one shot, which is great," Dr. Glazer said.

Predicta Bioactive Bulk is available in multiple viscosities and shades. Like its core counterpart, the material is dimensionally stable, with excellent strength, time-efficient handling, and optical characteristics close to those of natural teeth.



Fast and Powerful Relief

The newest product in the family, **Predicta Bioactive Desensitizer**, allows doctors to quickly and easily resolve patients' sensitivity issues by using the elements that are naturally found in the tooth—calcium and phosphate. The material forms a layer of mineral hydroxyapatite as well as hydroxyapatite plugs that block and further seal the open tubules while releasing calcium and phosphate ions for remineralization.

Predicta Bioactive Desensitizer is engineered to treat sensitivity related to exposed dentin, bleaching procedures, scaling or root planing, and hypersensitivity due to gingiva recession. The gel flows smoothly from the syringe, resulting in easy placement into a dispensing well, and is then applied to the tooth with a tufted micro-brush. Dr. Glazer noted that the gel is colored blue so that you know where you're placing it, and it does not run.



Ensuring Patient Satisfaction

Products in the Predicta Bioactive family give Dr. Glazer the confidence that he's performing successful restorations and combatting sensitivity, while also helping to revitalize teeth. In doing so, he lets his patients know that he's using materials that will help them in the long term.

"You've got a captive audience—they have stuff in their mouth and they can't talk back. So, it's a great time to educate," he said. "I always make a point of telling them that I'm using the latest and greatest products, and that it's what I would use in my mouth. You don't get a better endorsement than that."