



**29** CLINICAL EVALUATORS

**225** TOTAL USES

**91%** CLINICAL RATING

**Key features:** Bioceramic • Antibacterial • Highly radiopaque

## Description

**BioSeal™** is a ready-to-use, injectable, bioceramic endodontic sealer. It is an insoluble, radiopaque material based on calcium silicate and calcium phosphate, which requires the presence of water to set and harden.

## Indications

Permanent root canal filling and sealing applications.

## Unique Attributes

- Combines calcium silicate, calcium phosphate, bioactive glass, chlorhexidine, and biomimetic polymers
- Hydroxyapatite producing
- Antibacterial
- Hydrophilic
- Highly Radiopaque



Images courtesy of (left to right) Dr. Michael Shapiro, Dr. Matthew Miller, Dr. Frank Berman, and Dr. Robert Jenkins.



## Clinical Tips

- Dry canals moderately, use slight pressure to inject, and withdraw the syringe as you inject.
- Don't overfill and place the material in the canal slowly with very light pressure.
- Lightly coat gutta percha with the sealer.
- The sealer has low viscosity, so it's not necessary to pump the gutta percha.
- Extrude the sealer onto a mixing pad and deliver with the gutta percha or a lentulo spiral to control how much sealer is placed into the canal.

**"EXCELLENT RADIOPACITY."**

## Evaluators' Comments

- "The material has great flowability and opacity."
- "There was some lateral canal penetration observed."
- "I like the antimicrobial properties."
- "The dispensing tips are too large to fit into most canals."

### Consultants who would:

**86%** Recommend to a colleague

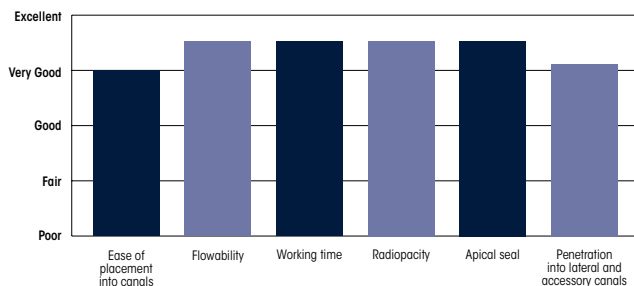
### Consultants who would want to stock in office:

**21%** Yes, instead of current product

**50%** Yes, in addition to current product

**11%** I might want to order this product for certain cases

### Evaluation Summary:



### Compared to Competitive Products:

