

## PERFECT CONSISTENCY, NO MIXING, NO WASTE.

NeoPUTTY is premixed and optimized for more efficient handling and placement. Its firm, low-tack consistency, wash-out resistance and bioactivity make it the premier putty for 12 of your most important procedures.

**NeoPUTTY provides excellent performance for dental procedures contacting vital pulp and periradicular tissue:**

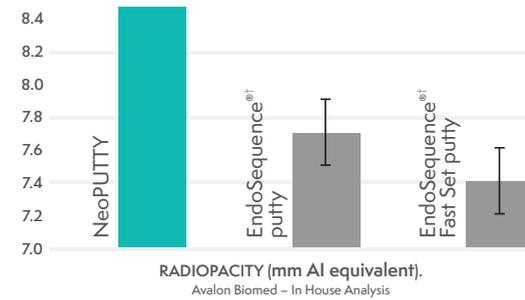
- ✓ Direct and indirect pulp capping
- ✓ Partial pulpotomy
- ✓ Cavity liner and base
- ✓ Pulpotomy and apexogenesis
- ✓ Perforation repair
- ✓ Resorption
- ✓ Obturation
- ✓ Apexification
- ✓ Root-end filling

**NeoPutty has a better window of maneuverability after exposure to atmospheric moisture. From an in vitro cytotoxicity perspective, the NeoPutty may be considered more biocompatible than EndoSequence putty.**

Source: Qin Sun, Meng Meng, Jeffrey N. Steed, Stephanie J. Sidow, Brian E. Bergeron, Li-na Niu, Jing-zhi Ma, Franklin R. Tay, Manoevrability and biocompatibility of endodontic tricalcium silicate-based putties, Journal of Dentistry, Volume 104, 2021, 103530, ISSN 0300-5712

## HIGHEST RADIOPACITY IN ITS CLASS

8.4 mm Al equivalent radiopacity.



## IMMEDIATELY WASH-OUT RESISTANT

Stays where you want it so you can efficiently complete the procedure, ensuring bioactive benefit.

## NO DRY OUT

Does not dry out between uses, maintaining ideal consistency throughout its use.

## DIMENSIONALLY STABLE

**With no shrinkage** to ensure a gap-free seal, minimizing opportunity for bacterial infiltration.

**NeoPUTTY** <0.1% expansion  
ADA 57 std. ≤1% shrinkage & ≤0.1% expansion

## ZERO WASTE SYRINGE



Zero waste syringe with positive displacement plunger tip

## NON-STAINING

- ✓ Won't discolor teeth – **EVER.**
- ✓ NaOCl won't cause discoloration.

## RESIN-FREE

For maximum bioactivity.

## HIGH pH

To promote osteogenic response.

## MTA-BASED BIOACTIVITY

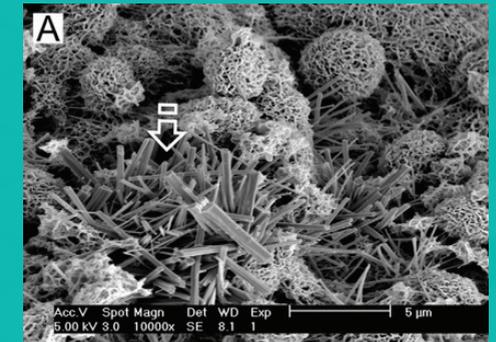
Hydroxyapatite forms to ensure bioactive sealing.

## FIRM, LOW-TACK CONSISTENCY

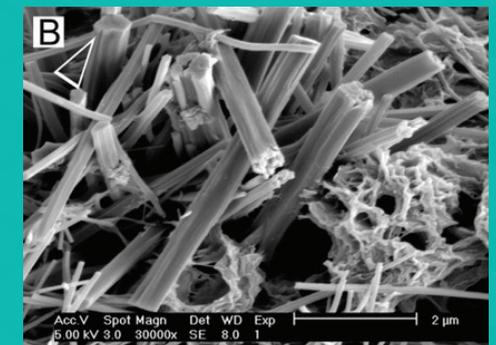
Uniform, firm, low-tack putty makes placement and condensation easier.

## UNLIKE INERT RESIN AND ZOE MATERIALS, MTA PROVIDES STATE OF THE ART BIOACTIVE TECHNOLOGY TO PROMOTE BIOACTIVITY AND SUPPORT HEALING

- After placement of MTA in the tooth, body fluids infiltrate the paste to cause setting.
- During this process calcium and hydroxide ions are released from the MTA, promoting hydroxyapatite (HA) formation on the MTA surfaces.
- When HA coats the surface, it hides the underlying MTA to minimize foreign body reactions and support healing responses of the pulpal or periapical tissue.



Calcium phosphate precipitated crystals scattered on the hydrated tricalcium silicate cement surface<sup>1</sup>.



High magnification image of the calcium phosphate crystals<sup>1</sup>.

<sup>†</sup> EndoSequence<sup>®</sup> BC RRM-Putty<sup>™</sup> and BC RRM-Fast Set Putty<sup>™</sup> are trademarks of Peter Brasseler Holdings LLC.

<sup>1</sup> J Dent. 2014 May;42(5):517-33. A review of the bioactivity of hydraulic calcium silicate cements. Niu LN, Jiao K, Wang TD, Zhang W, Camilleri J, Bergeron BE, Feng HL, Mao J, Chen JH, Pashley DH, Tay FR