

# MTAPEX™

BIOCERAMIC ROOT CANAL SEALER

## A BIOCERAMIC ROOT CANAL SEALER WITH A PREDICTABLE SETTING TIME!

MTApex™ bioceramic root canal sealer coats the wall of the canals and fills the inner spaces which promotes sealing against coronal and apical leakage. MTApex sealer forms HA on its surface to support healing, making it bioactive.<sup>1</sup> It's the new addition to the MTA family!

Best of all, it easily delivers through the NaviTip™ 29 ga Single Sideport tip! It can also be used with any gutta percha for delivery into the canal—and can be removed in case of retreatment.

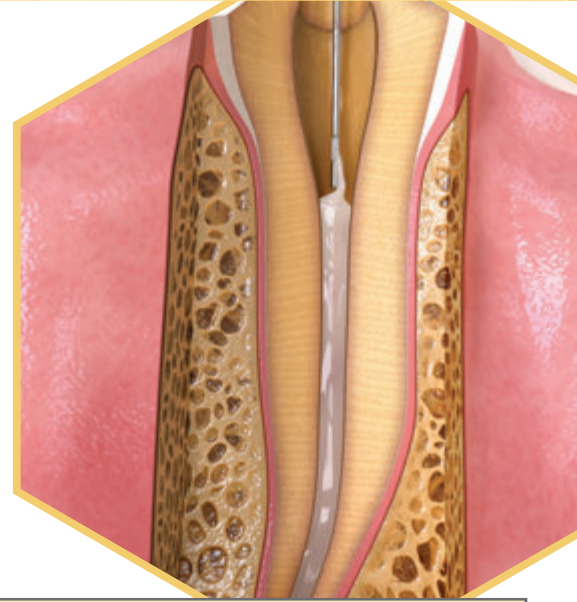


1. Primus CM, Tay FR, Niu L. Bioactive tri/dicalcium silicate cements for treatment of pulpal and periapical tissues. *Acta Biomater.* 2019;96:35–54.

## WHAT IS A BIOCERAMIC ROOT CANAL SEALER?

The MTApeX sealer is a powder and gel system consisting of an extremely fine, inorganic powder of tricalcium and dicalcium silicate (which is mixed with a proprietary gel before placement).

- Does not cause discoloration<sup>2</sup>
- Retreatment generated less residual root filling material with less dentin removal in comparison to epoxy resin sealers<sup>3</sup>
- MTApeX sealer is bioactive. It forms HA on its surface to support healing of the pulp or the root canal apices<sup>4</sup>
- Calcium silicate-based cements show potential antimicrobial activity due to high alkalinity<sup>5</sup>



See the procedure for both NaviTip™ Single Sideport tip delivery and gutta percha application:

### DELIVERING MTAPEX™ BIOCERAMIC SEALER USING NAVITIP 29 ga SINGLE SIDEPORT TIP

<p><b>1.</b></p>	<p><b>2.</b></p>	<p><b>3.</b></p>	<p><b>4.</b></p>	<p><b>5.</b></p>	<p><b>6.</b></p>	<p><b>7.</b></p>
<p>Remove the plunger from the clear Skini syringe. Take small portions of mixed MTApeX sealer and insert in the back of the barrel or the skini syringe. Replace the plunger.</p>	<p>Attach the tip securely onto skini syringe. Gently press the plunger to remove the air inside the syringe.</p>	<p>Verify flow of sealer prior to applying intraorally.</p>	<p>Place the sealer using the required tip in the treatment site following the listed precautions on the IFU.</p>	<p>Insert the disinfected and dried master gutta percha point slowly into the canal.</p>	<p>Add as many gutta percha points as your desired obturation technique requires.</p>	<p>Remove excess gutta percha at the orifice following manufacturer's direction.</p>

### DELIVERING MTAPEX BIOCERAMIC SEALER USING GUTTA PERCHA

<p><b>1.</b></p>	<p><b>2.</b></p>	<p><b>3.</b></p>	<p><b>4.</b></p>
<p>Coat the disinfected and dried master gutta percha point with the mixed MTApeX sealer.</p>	<p>Slowly insert into the canal.</p>	<p>Add as many gutta percha points as your desired obturation technique requires.</p>	<p>Remove excess gutta percha at the orifice following manufacturer's direction.</p>

Contact your Ultradent sales representative today or search [ultradent.com](http://ultradent.com) for MTApeX bioceramic sealer.



4900

MTApeX Sealer Kit

- 1 x Technique guide
- 1 x Instructions for use
- 1 x MTApeX Powder (5 g)
- 1 x MTApeX Gel (5 ml)
- 1 x Measuring spoon
- 20 x NaviTip™ 29 ga Single Sideport Tip
- 15 x Skini Syringes

Save with this cost-effective kit today.  
One kit seals up to 20 canals.



SCAN TO VIEW PRICING

2. Camilleri, J. Staining potential of Neo MTA plus, MTA plus, and biodentine used for pulpotomy procedures. *J Endod.* 2015;41(7):1139–1145. 3. Neelakantan P, Grotra D, Sharma S. Retreatability of 2 mineral trioxide aggregate-based root canal sealers: a conebeam computed tomography analysis. *J Endod.* 2013;39(7):893–896. 4. Primus CM, Tay FR, Niu L. Bioactive tri/dicalcium silicate cements for treatment of pulpal and periapical tissues. *Acta Biomater.* 2019;96:35–54. 5. ElReash AA, Hamama H, Eldars W, et al. Antimicrobial activity and pH measurement of calcium silicate cements versus new bioactive resin composite restorative material. *BMC Oral Health.* 2019;19(235). <https://doi.org/10.1186/s12903-019-0933-z>