When it comes to root repair, trust the original MTA. ProRoot® MTA is compositionally formulated to have the physical properties, setting requirements and characteristics necessary for a clinically effective root repair material. It creates an excellent seal that promotes a normal healing response within the root so you can have confidence that your procedure will succeed, and fewer retreatment procedures will be necessary. And its ease of manipulation allows you to tailor its consistency to suit your clinical needs. One use of ProRoot MTA and it’s clear why countless clinicians still trust the first name in root repair.
Proven by Scientific Research

To reduce the risk of bacterial infection, you need a root repair material that seals off pathways of communication between the root canal system and surrounding tissue. ProRoot® MTA outperforms other materials in this area by creating a stable barrier to bacterial and fluid leakage.

In dye leakage experiments, ProRoot MTA has been shown to allow significantly less dye leakage and have better marginal adaptation than other materials including Amalgam, Super EBA cement and Intermediate Restorative Material.\(^1\)\(^2\) Several studies also demonstrated that ProRoot MTA allowed less bacterial migration compared to other root repair materials.\(^3\)\(^4\)

Biocompatible for a good clinical response.

ProRoot MTA exhibits excellent biocompatibility in communication with vital tissues.\(^4\) This allows for a normal healing response that even stimulates the formation of new cementum over the restored root interface.\(^1\)\(^5\)

Sets in the presence of moisture.

The water-based chemistry of ProRoot MTA renders moisture contamination a non-issue. In the clinical environment where complete removal of moisture is not always possible, a material that sets in the presence of moisture is necessary to avoid contamination and achieve long-term clinical success.

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Indicated Uses for ProRoot® MTA

Because of its unique features and benefits, ProRoot MTA offers distinct advantages over other materials for these root canal repair procedures in primary and permanent teeth.

Pulp Capping
Clinical research indicates that ProRoot MTA is an effective pulp capping material. When gently placed over the pulpal exposure site, it creates a biocompatible sealing of the pulp. The no shadow formula is the ideal shade for this procedure.

Now Cleared for Pediatric Pulpotomies
In addition to the numerous ways ProRoot MTA has helped to repair roots for years, the material is now cleared by the FDA for use in pediatric pulpotomy cases. Because ProRoot MTA creates a biocompatible seal, it is ideal for replacing pulp in the chamber to prevent infection from reaching the roots.

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Apexification
ProRoot MTA creates a permanent apical plug at the outset of treatment, so no interim procedures are needed, making it an excellent material for apexification.

Repair of Root Resorption
Internal root resorption can result in the breakdown of root structure. ProRoot MTA seals the resorptive defect to prevent further destruction.

Repair of Root Perforations
ProRoot MTA is ideal for repairing perforations that result in iatrogenic conditions in which a communication between the pulp canal and periradicular tissue occurs.

Root-End Filling
Its excellent sealing ability and promotion of periradicular healing make ProRoot MTA ideal as a root-end filling material. Studies show it has a good clinical response and successful outcome for this use.

General reference material

The Right Mix, Every Time

Each packet of ProRoot® MTA comes with a premeasured unit dose of purified water for fast preparation. Once the material is mixed, it quickly reaches a working consistency for efficient application.

Try out ProRoot MTA with the ProRoot MTA Delivery System that makes achieving the material’s predictable results even faster and easier with improved material handling and more precise placement.

The Proof is the Pictures

These radiographs show a strip perforation in a lower molar successfully treated with ProRoot MTA. Figure A shows the canal before treatment; Figure B depicts the same canal after two years. The lower molar mesial root furcal perforation was repaired with ProRoot MTA demonstrating a dense, well-contoured repair with excellent healing and near normal appearance after two years.

Order Information

ProRoot MTA is available in 2 shades (white and gray) and in 1/2-Gram and 1-Gram size treatment boxes so you can choose just the right product for your needs. For more product information or to place an order call our customer service specialists at 1-800-662-1202 or visit us online at www.tulsadentalspecialties.com.

<table>
<thead>
<tr>
<th>Product</th>
<th>SKU #</th>
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<tbody>
<tr>
<td>ProRoot® MTA White Delivery System</td>
<td>PRMANSYSW</td>
</tr>
<tr>
<td>(Contents include: 5 1-gram treatments of ProRoot MTA material, 6 ampoules ProRoot MTA water, 6 mixing sticks, 4 carriers [1 nonsurgical, 3 surgical], 10 carrier sleeves, 1 Instructional DVD, 1 Tip Card)</td>
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<td>ProRoot® MTA ½-Gram Refill Kit – White (4 ½-Gram Treatments)</td>
<td>PROROOT2W</td>
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<td>PROROOT5W</td>
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<td>ProRoot® MTA Carrier Sleeves (50-pack)</td>
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