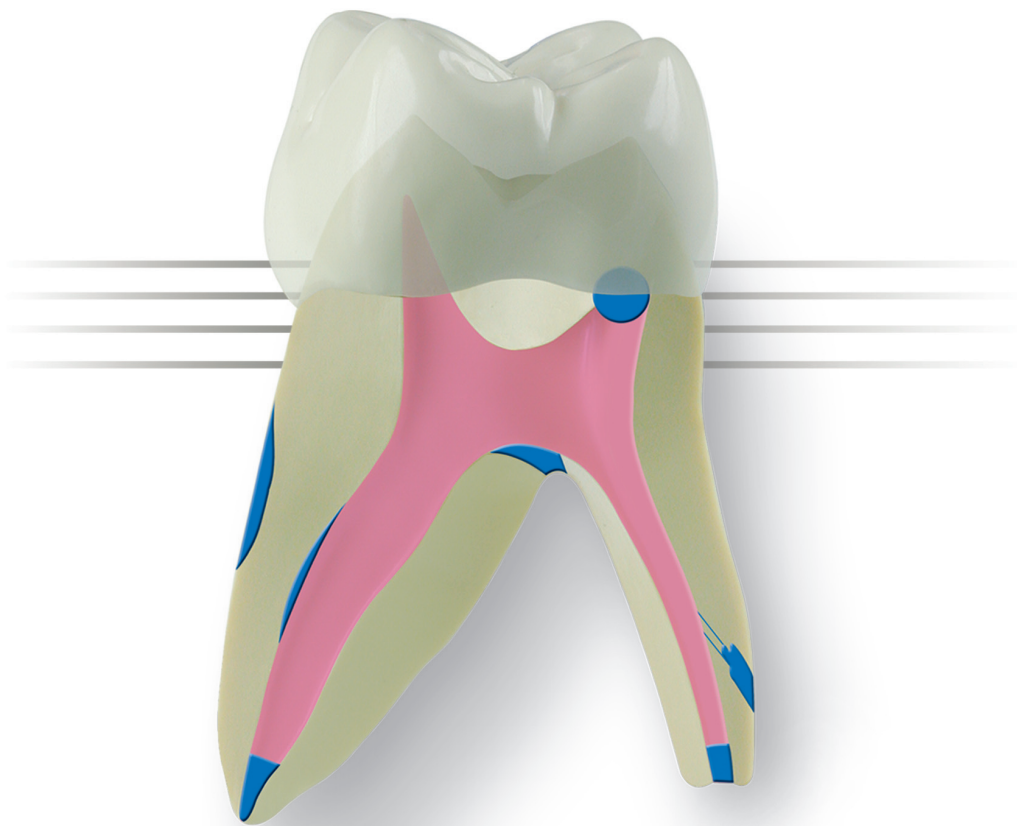


# **PRO ROOT<sup>®</sup> MTA**

*Mineral Trioxide Aggregate*

ROOT CANAL REPAIR MATERIAL



*Grasp your last chance!*

**DENTSPLY**  
**MAILLEFER**

# What is ProRoot® MTA?

A superior root repair material with:

- Water based chemistry, allowing normal setting in the presence of moisture
- Resistance to marginal leakage and reduction of bacterial migration
- Normal healing response without inflammation
- Easy clinical manipulation
- Tooth-colored and original formula
- Biocompatibility

## Clinical applications for ProRoot® MTA

Because of its unique features and benefits, ProRoot® MTA offers distinct advantages over other materials for these root canal repair procedures:

- **Repair of root perforations during root canal therapy**

Perforations are the result of procedural error in which a communication between the pulp canal and the periradicular tissue occurs. ProRoot® MTA can be used to seal perforations.

- **Repair of root resorption**

Internal root resorption is an idiopathic condition resulting in the breakdown or destruction of root structure. ProRoot® MTA can seal the resorptive defect.

- **Root-end filling**

Root-end filling is required when an endodontic case can best be treated or retreated with a surgical (extra-radicular) rather than an intra-radicular approach. ProRoot® MTA has excellent sealing ability and allows periradicular healing when used as a root-end filling material during periradicular surgery.

- **Pulp capping**

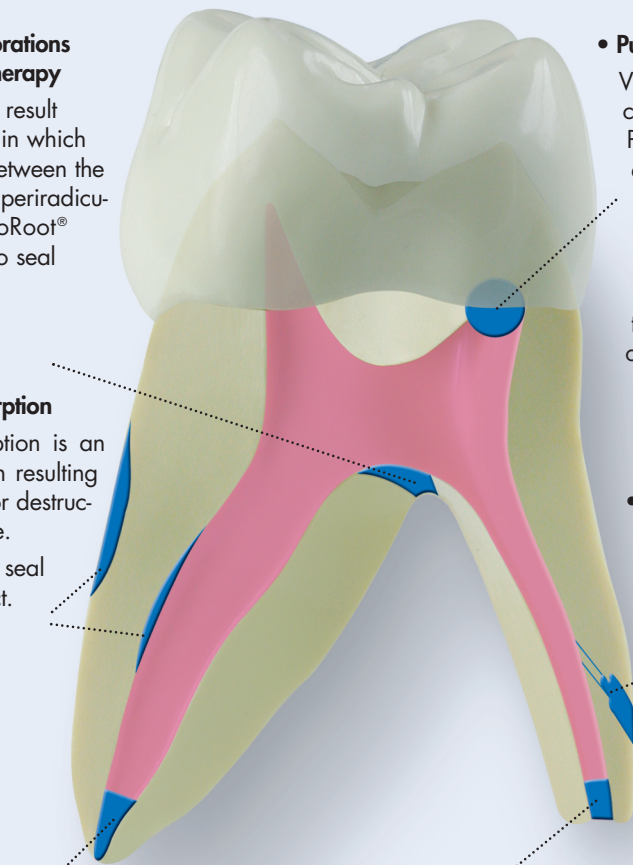
Vital pulp therapy may be indicated in certain clinical situations. Placing ProRoot® MTA over the exposed area often allows healing and preservation of the vital pulp without further treatment. Because of its unique features and benefits, ProRoot® MTA offers distinct advantages over other materials for these root canal repair procedures.

- **Repair of root perforations during root canal therapy**

Perforations are the result of procedural error in which a communication between the pulp canal and the periradicular tissue occurs. ProRoot® MTA can be used to seal perforations.

- **Apexification**

ProRoot® MTA is an excellent material for apexification because ProRoot® MTA creates a permanent apical plug at the outset of treatment.

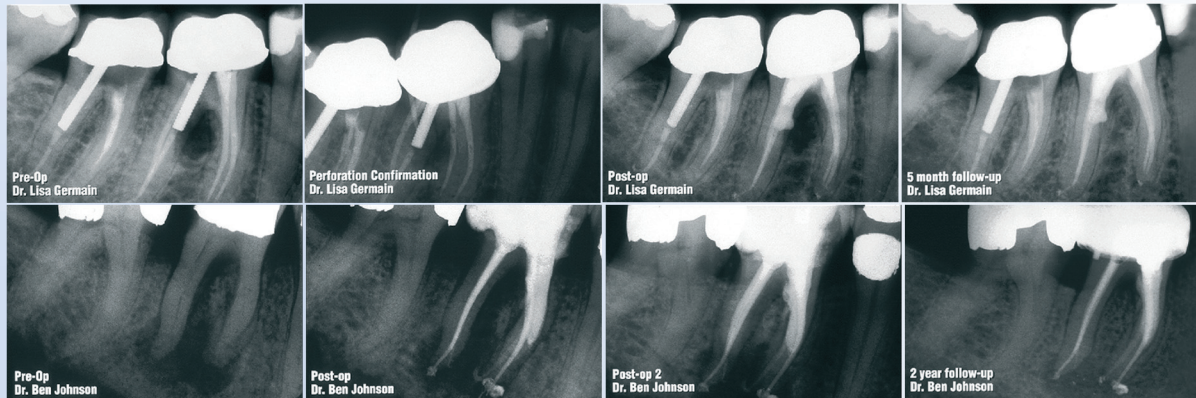


# The biggest benefit More predictable results

Because ProRoot® MTA creates a good seal, allows less leakage, is biocompatible and sets in the presence of moisture, root repairs performed with this material result in more predictable results. Which means you can have confidence that your procedure will succeed, and fewer retreatment procedures will be necessary.

## The proof is in the pictures

The following radiographs show a strip perforation in a lower molar successfully treated with ProRoot® MTA. The proof is in the pictures. Judge of yourself.



## 1. MTA GUN



The MTA Gun provides a unique and efficient method of placing ProRoot® MTA in the root canal. The two bent tip heads with Ext. diam of 0.9 and 1.1 mm allow easy and precise placing of ProRoot® MTA for pulp capping and root canal perforation fillings.

## 2. MTA ENDO & SURGICAL CARRIERS

MTA Endo Manual Carrier



MTA Tubes Nr 1 (8 mm)

MTA Surgical Manual Carriers



MTA Tubes Nr 2 (4 mm)

