Mineral trioxide aggregate (MTA) was developed more than 20 years ago to seal the pathways of communication of the root canal system. It's currently the preferred material used by endodontists because of its superior properties such as its seal and biocompatibility that significantly improves outcomes of endodontic treatments.

Dr. Torabinejad, who was the principle investigator of the dental applications of MTA, and leading authorities on this subject provide a clinically focused reference detailing the properties and uses of MTA, including vital pulp therapy (pulp capping, pulpotomy), apexification, pulp regeneration, repair of root perforations, root end filling and root canal filling. Line illustrations and clinical photographs show proper technique. An accompanying website features photographs and video presentations for selected procedures using MTA.

Mineral Trioxide Aggregate: Properties and Clinical Applications is an ideal book for dental students and endodontic residents learning procedures for the first time as well as practicing dentists and endodontists who would like to improve outcomes of endodontic treatments.
ABOUT THE AUTHOR

Mahmoud Torabinejad, DMD, MSD, PhD, is Professor of Endodontics and Director of the Advanced Specialty Education Program in Endodontics at Loma Linda University School of Dentistry in Loma Linda, California. As a researcher and international lecturer on dental and endodontic issues and procedures, Dr. Torabinejad has made over 200 national and international presentations in more than 40 countries. In addition to co-authoring three textbooks in nonsurgical and surgical endodontics, he has authored more than 300 publications on various endodontic and dental topics. As a researcher, he is the top-cited author in endodontic journals, with authorship in 16 articles of the top 100 list. Dr. Torabinejad was the principle investigator in the applications of MTA in dental procedures.

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