

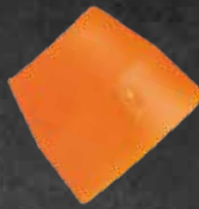


HARVARD®

Harvard MTA Special

Always the right product for each endodontic application.

Particularly suitable
for pulp capping



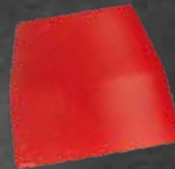
Specially recommended for filling
of root perforations



Particularly suitable for direct
and easy close of the apex



Specially recommended for
root end filling (retrograde)



Harvard Applier OptiCaps®

HARVARD

Perfection in 4 variations.



EN



MTA (Mineral-Trioxid-Aggregat)

is an endodontic repair cement which cannot be missed in a dentist practice for a long time. Do not accept anything ordinary, if you can obtain the absolute perfection at the highest level now.

4 products – 4 unbeatable arguments:

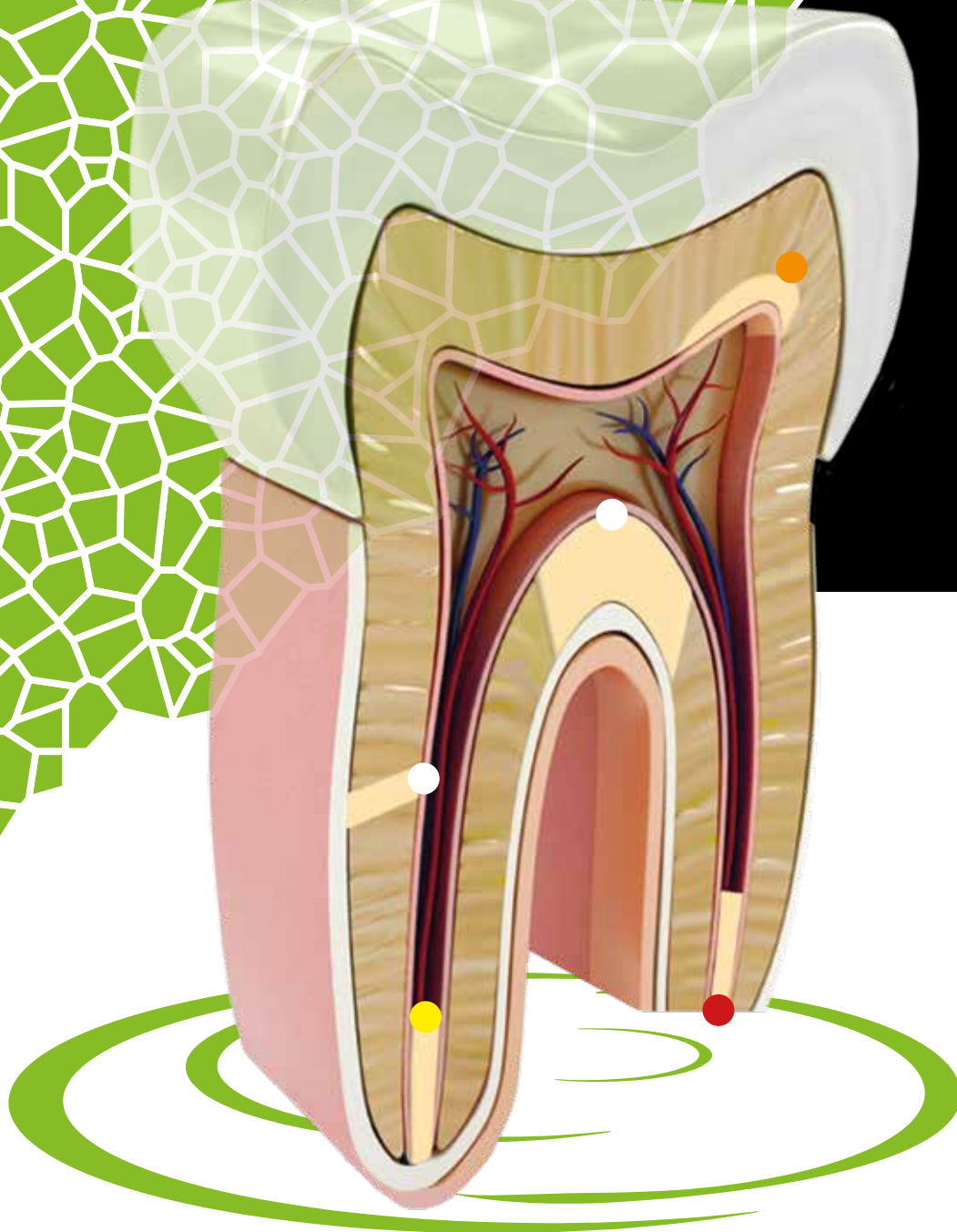
- high **biocompatibility**
(formation of calcium hydroxide and apatite)
- **excellent stability** in tissue fluid after setting
- **excellent marginal seal***
- increased **radiopacity** for easy interpretation of radiographs


The **Harvard MTA product specialties** are delivered in capsules. The comfortable mixing with a commercial capsule mixer saves time and offers these benefits:

- very good reproducible material properties
- always a homogeneously mixed material
- high safety during handling
- optimal consistency for every indication

* **Marginal seal**
The 4 MTA specialties show an excellent adhesion to dentin which lead to an excellent marginal seal.





 Harvard MTA-CAP

 Harvard MTA-Repair

 Harvard MTA-Ortho

 Harvard MTA-Retro

Discover ...

... all Harvard products for the endodontic treatment.

Our reliable and easy-to-use materials will help you to provide a patient-oriented and successful treatment and thus ensure long-lasting success. Harvard has the perfectly matched product for every indication.

- **CAP** – for direct and indirect pulp capping. Bioactive, light cure with resin-reinforced MTA cement or self cure with flowable MTA cement, in syringe or capsule. (**Harvard BioCal®-CAP; Harvard MTA-CAP**)
- **Repair** – an MTA cement in the capsule; designed for the closure of root perforations. (**Harvard MTA-Repair**)
- **Ortho** – for direct and simple closure of the apex with a particularly thin-bodied and long-setting MTA cement in the capsule. The enclosed EndoDirect syringe has a very flexible application cannula, so that even in the case of strongly curved root canals can be applied at full working length. (**Harvard MTA-Ortho**)
- **Retro** – MTA materials for retrograde root canal filling. (**Harvard MTA-Retro**)

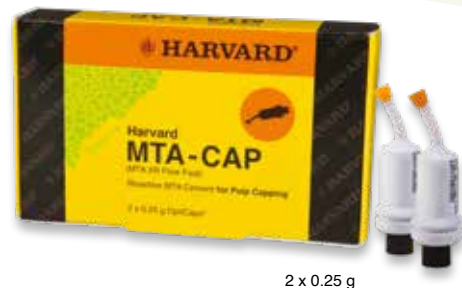
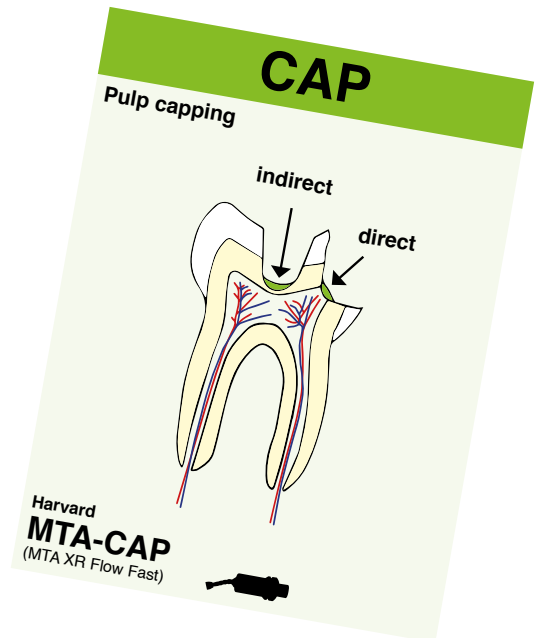
Harvard MTA-CAP

(MTA XR Flow Fast)

Flowable fast setting MTA cement in capsules

- Particularly suitable for pulp capping
- Calcium release and a high pH value (pH 12) promote the formation of hydroxyapatite and tertiary dentin
- Flowable consistency
- Extra fast setting
- Mixing time: 30 sec.
- Working time: 2:00 min. (from start of mixing at 23 °C (73 °F))
- Next treatment step: 3:00 min.

Set also in humid conditions



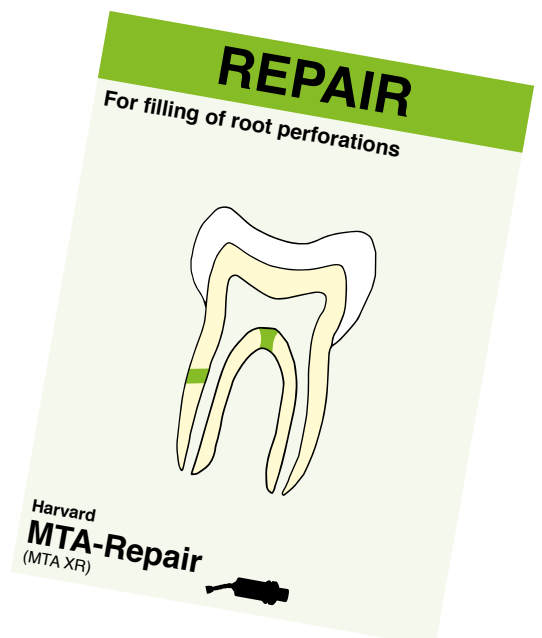
Harvard MTA-Repair

(MTA XR)

Extra radiopaque MTA cement in capsules

- Specially recommended for filling of root perforations
- Firm consistency
- Extra radiopaque
- Mixing time: 30 sec.
- Working time: 2:00 min. (from start of mixing at 23 °C (73 °F))
- Next clinical step: 5:00 min.

Set also in humid conditions



Harvard
MTA-Ortho plus EndoDirect
 (MTA XR Flow EWT)

Flowable MTA cement in capsules with extended working time

- Particularly suitable for direct and easy close of the apex
- Flowable consistency
- Extra long working time (4:00 min.)
- Mixing time: 30 sec.
- Working time: 4:00 min. (from start of mixing at 23 °C (73 °F))
- Next treatment step: after only 10:00 min.

Set also in humid conditions

Easy to use:

1. Mix the MTA capsule
2. Fill the endo syringe with the material directly from the capsule
3. Thanks to the flexible endo tip and the endo-stop, controlled MTA application up to the apex of the root canal

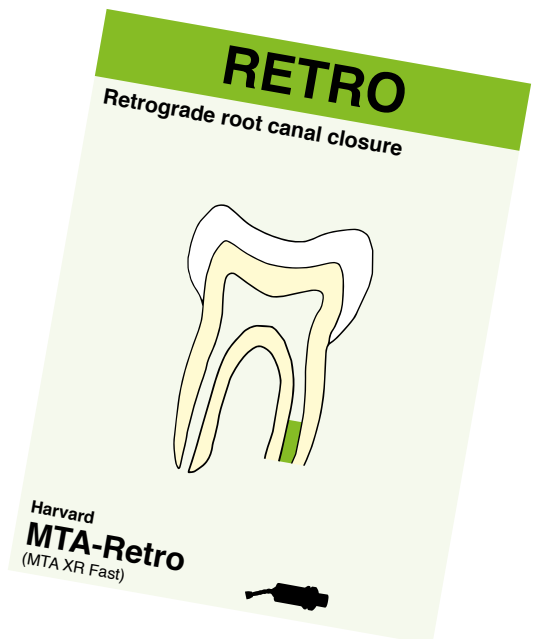
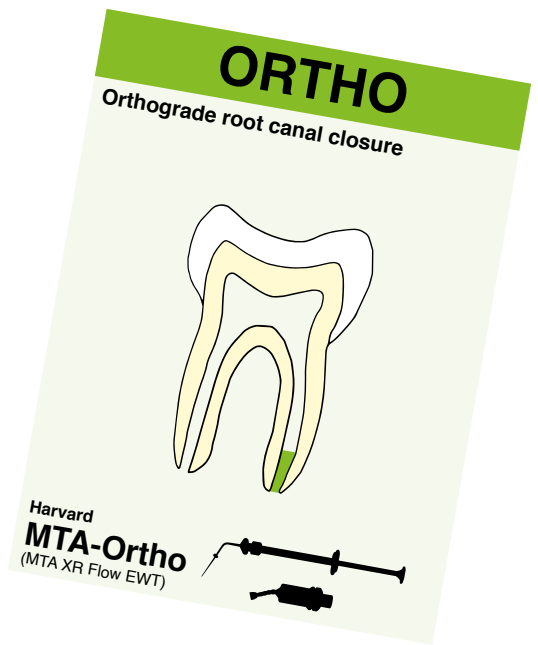
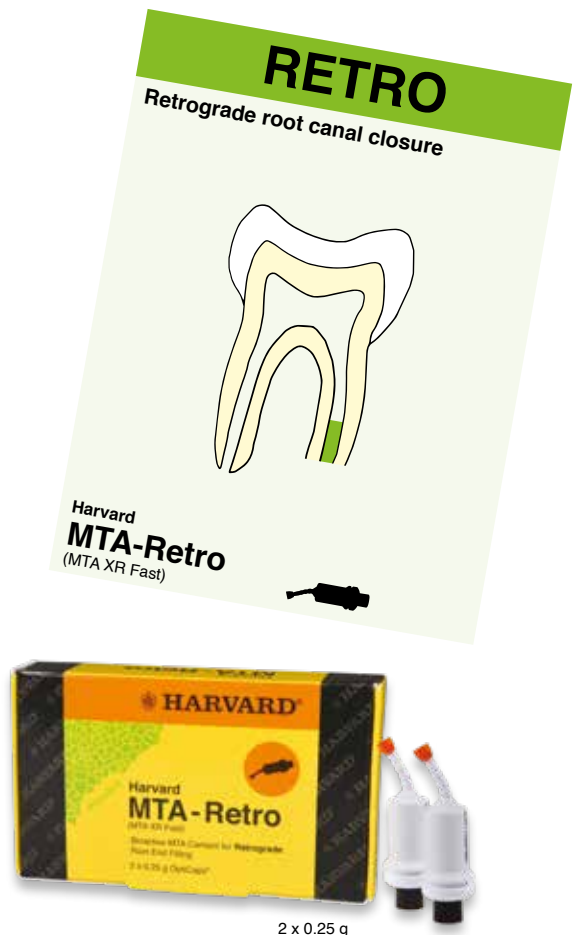


Harvard
MTA-Retro
 (MTA XR Fast)

Fast setting, extra radiopaque MTA cement in capsules

- Specially recommended for root end filling (retrograde)
- Firm consistency
- Extra radiopaque
- Fast setting
- Mixing time: 30 sec.
- Working time: 2:00 min. (from start of mixing at 23 °C (73 °F))
- Next clinical step: 3:00 min.

Set also in humid conditions





HARVARD®

Perfection in 4 variations.



For the perfect application of **Harvard MTA-Ortho** into the root canal a special EndoDirect syringe is available.



Angled needle tip with individual working length



Filling the EndoDirect syringe





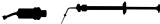

Insertion of the plunger into the EndoDirect syringe



Application of Harvard MTA-Ortho into the root canal

Order information:

Harvard MTA-CAP (MTA XR Flow Fast) 2 OptiCaps® ea. 0.25 g, ea. packed in an aluminum pouch	 7081503
Harvard MTA-Repair (MTA XR) 2 OptiCaps® ea. 0.25 g, ea. packed in an aluminum pouch	 7081505
Harvard Applier OptiCaps®	7092000

Harvard MTA-Ortho (MTA XR Flow EWT) 2 OptiCaps® ea. 0.25 g, ea. packed in an aluminum pouch, 2 MTA EndoDirect syringes with flexible ento tip	 7081510
Harvard MTA-Retro (MTA XR Fast) 2 OptiCaps® ea. 0.25 g, ea. packed in an aluminum pouch	 7081506

Harvard Distribution Partner.



HARVARD®

Marke und Qualität seit 1892

Harvard Dental International GmbH
Margaretenstr. 2 - 4, 15366 Hoppegarten, Germany
Phone: + 49 (0) 30/99 28 978-0
Fax: + 49 (0) 30/99 28 978-19
info@harvard-dental-international.de



www.harvard-dental.de

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