

MTA Biorep*

Bioceramic repair cement



Effective tissue regeneration & remineralization

Practical handling & insertion into the dental cavity

One-session treatment

Dentist's preference

Enhance your
daily practice



Repair in a single session

Key points

Effective tissue regeneration and remineralization¹

- > High release of calcium hydroxide ions (Ca²⁺), due to MTA composition

Practical handling & insertion into the dental cavity

- > High cement plasticity, thanks to fine hydrophilic mineral oxide particles

One-session treatment

- > Setting time 15 min

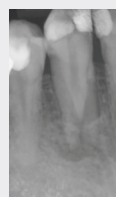
Dentist's preference

- > Choice of cement consistency, with 2 mixing modes (manual and automatic)
- > Economical single-dose packaging

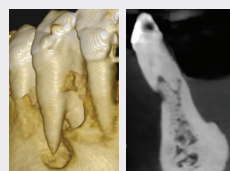


Clinical case

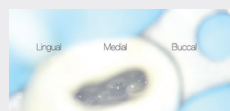
Case study by Dr Massimo Giovarruscio



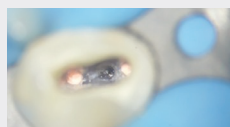
Lower canine with two roots and more than one root canal. Irreversible pulpitis diagnosed, requiring root canal treatment (periapical inflammation).



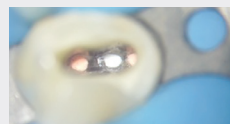
1 Additional short medial canal (CBCT scan), suggesting the use of a calcium silicate hydraulic material (MTA), which is easier to apply in this complex anatomy.



2 Surgical microscope: additional short median canal between buccal and lingual roots.



3 Obturation of buccal and lingual canals by warm vertical compaction with MTA Bioseal obturation cement and gutta-percha.



4 Median canal obturation with MTA Biorep.



Post-obturation X-ray.

Indications

- Treatment of root canal and furcation perforations, caused by carious or iatrogenic lesions
- Treatment of root perforations, caused by internal resorption
- Pulp capping
- Pulpotomy
- Apexogenesis
- Apexification
- Periapical surgery with reverse filling

MTA Biorep

2-patient Kit

2 capsules of MTA powder + 2 flasks of setting activator

MTA-BRP2.2

5-patient Kit

5 capsules of MTA powder + 5 flasks of setting activator

MTA-BRP5.5



Enhance your daily practice

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*MTA-based (mineral trioxide aggregate).

1. Gandolfi, MG. (2014). Ion release, porosity, solubility, and bioactivity of MTA Plus tricalcium silicate. J Endod, (10), pp.1632-7. <https://pubmed.ncbi.nlm.nih.gov/25260736/>

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