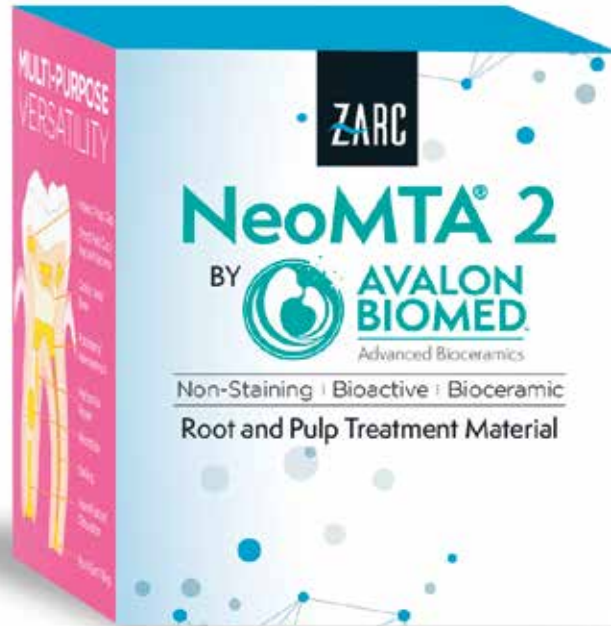


ZARC



ENDO YOUR WAY



Top MTA Product

ONE PRODUCT FOR EVERY PROCEDURE

For years, clinicians have settled for inert resin and ZOE based materials or paid too much for bioactive products. **No longer.**

NeoMTA 2®'s unique proprietary gel allows you to mix to a thick putty or a thinner sealer, with performance that puts you on a path to better patient outcomes.

One product for 13 of your most important procedures:

- ✓ Indirect pulp cap
- ✓ Direct pulp cap
- ✓ Partial pulpotomy
- ✓ Cavity liner
- ✓ Base
- ✓ Pulpotomy
- ✓ Apexogenesis
- ✓ Perforation repair
- ✓ Resorption
- ✓ Sealing
- ✓ Obturation
- ✓ Apexification
- ✓ Root-end filling

We must give clinicians the flexibility to work how they want, without compromising the quality of their work.

– Carolyn Primus, PhD

Inventor of White ProRoot® MTA1, Grey MTA Plus®, NeoMTA Plus®, NeoMTA® 2, NeoSEALER™ Flo, NeoPUTTY™

¹ Patented under US Patent No. 7,892,342 owned by DENTSPLY International Inc.
⁴ J Dent. 2014 May;42(5):517-33.

A review of the bioactivity of hydraulic calcium silicate cements.

Niu LN, Jiao K, Wang TD, Zhang W, Camilleri J, Bergeron BE, Feng HL, Mao J, Chen JH, Pashley DH, Tay FR

OUR MOST EFFICIENT WORKING AND SETTING TIMES EVER

NeoMTA 2® is designed for favorable handling properties when mixed to either a sealer or putty consistency. Its working time can be extended if needed by rehydrating the powder with gel – giving you more time to complete your procedure.



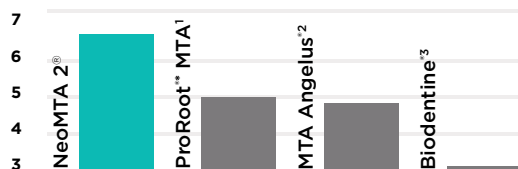
When mixed to a putty



When mixed to a sealer

HIGHER RADIOCAPACITY

NeoMTA 2® vs leading competitors.



All mixed to a putty. RADIOCAPACITY (mm Al equivalent)

Data produced by Avalon Biomed.

² MTA Angelus® is a registered trademark of Angelus Indústria de Produtos Odontológicos S/A.

³ Biodentine® is a registered trademark of Septodont.

DIMENSIONALLY STABLE

To ensure a gap-free seal, minimizing opportunity for bacterial infiltration.

NeoMTA 2 0.06% expansion

ADA 57 std. ≤1% shrinkage & ≤0.1% expansion

NON-STAINING

- ✓ Won't discolor teeth – **EVER.**
- ✓ NaOCl won't cause discoloration.

IMMEDIATELY WASH-OUT RESISTANT

Stays where you want it so you can efficiently complete the procedure, ensuring bioactive benefit.

With 0% loss of weight, NeoMTA 2® is more stable than leading competitors.

BEFORE	AFTER	
		0% loss of weight
Zarc NeoMTA® 2 by Avalon Biomed		
		51.8% loss of weight
Dentsply Sirona ProRoot® MTA		
		88.4% loss of weight
Septodont Biodentine®		

Wash-out testing at 3 min after mixing to a putty.
Avalon Biomed - In House Analysis

MTA-BASED BIOACTIVITY

Hydroxyapatite forms to ensure bioactive sealing.

HIGH pH

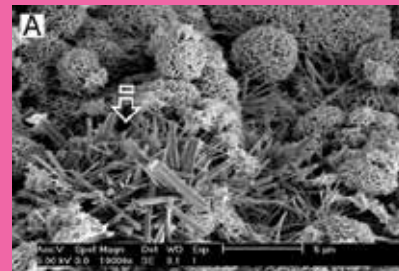
To promote osteogenic response.

RESIN-FREE

For maximum bioactivity.

UNLIKE INERT RESIN AND ZOE MATERIALS, MTA PROVIDES STATE OF THE ART TECHNOLOGY TO PROMOTE BIOACTIVITY AND SUPPORT HEALING

- After placement calcium and hydroxide ions are released from the MTA, promoting hydroxyapatite (HA) formation on the MTA surfaces.
- When HA coats the surface, it hides the underlying MTA to minimize foreign body reactions and support healing responses of the pulpal or periapical tissue.



Calcium phosphate precipitated crystals scattered on the hydrated tricalcium silicate cement surface ⁴.



High magnification image of the calcium phosphate crystals ⁴.

OUR AVAILABLE *NeoMTA*[®] 2 PRODUCTS

NeoMTA[®] 2

0.5 g Kit

Item Code: **ZNM05**

NeoMTA[®] 2

1 g Kit

Item Code: **ZNM10**

NeoMTA[®] 2

2.5 g Kit

Item Code: **ZNM25**

NOW YOU CAN STREAMLINE YOUR PRACTICE EVEN MORE

with our premixed product line



NeoSEALER[®] Flo

The efficient, effective and most economical premixed bioactive sealer on the market.



NeoPUTTY[®]

The most radiopaque bioactive putty in its class.



FROM ODONTOLOGISTS
TO ODONTOLOGISTS

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ZARC