

BIOACTIVE BIOCERAMICS.

(MTA) FOR PEDIATRIC DENTISTS



Tested. Trusted. True.

WHY BIOACTIVE BIO CERAMICS (MTA) MAY BE THE RIGHT SOLUTION FOR YOU.

What does bioactive bioceramic mean? Bioactive bioceramic is a buzz word for MTA-based materials that are resin-free and promote the formation of hydroxyapatite (HA).

Unlike ZOE or inert resin materials containing some MTA all NuSmile bioactive bioceramic products are...

BIOACTIVE

releases calcium & hydroxide ions promoting formation of hydroxyapatite to ensure bioactive sealing

PURE MTA

tri/dicalcium silicate powder and a radiopacifier

ZERO SHRINKAGE

unlike resin-based materials that shrink

RESIN-FREE

for maximum MTA concentration and maximum bioactivity

BIOCOMPATIBLE

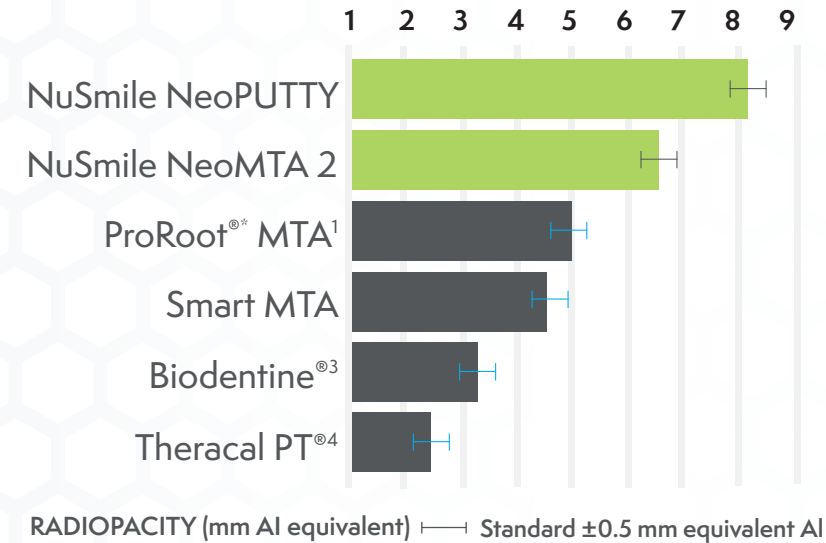
non-cytotoxic

MORE RADIOPAQUE

to ensure complete gap-free sealing

FROM THE INVENTOR OF WHITE PROROOT®* MTA¹ COMES THE NEXT GENERATION OF MTA

HIGHEST RADIOPAcity

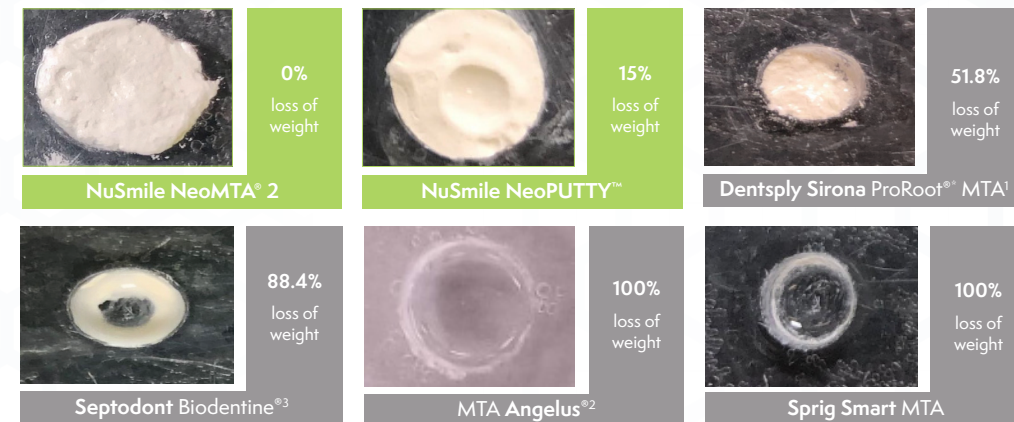


“We must give clinicians the flexibility to work how they want, without compromising the quality of their work.”

— Carolyn Primus, PhD

Inventor of White ProRoot® MTA¹, NeoMTA®, NeoMTA® 2, NeoPUTTY™*

ONE IMPORTANT PERFORMANCE CHARACTERISTIC of MTA products is wash-out resistance. You can gently rinse and complete the restoration immediately after placing NeoMTA products.



Wash-out testing at 3 min. NuSmile – In House Analysis



Preoperative view of carious No 17 with signs and symptoms of irreversible pulpitis.



Pulpotomy with NeoPUTTY after hemostasis with 2.5% NaOCl. The cavity margins were surrounded by sound enamel, and the tooth was restored with acid-etch composite resin.



7-month post-operative view showing resolution of periapical radiolucency and increase in root dimensions. Note advanced apical closure.

Courtesy of Zafer C. Cehreli, DDS, PhD

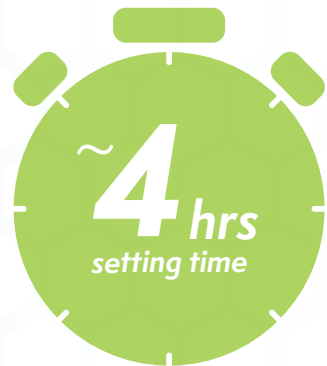
NeoPUTTY™

THE FIRST READY-TO-USE MTA FOR PEDIATRIC DENTISTRY

Premixed MTA that **triggers the formation of hydroxyapatite** and **supports healing** using the same tri and dicalcium silicate powders as NeoMTA 2. Its firm, non-tacky consistency, wash-out resistance and bioactivity make it pediatric dentists' preferred material for every pulp need.

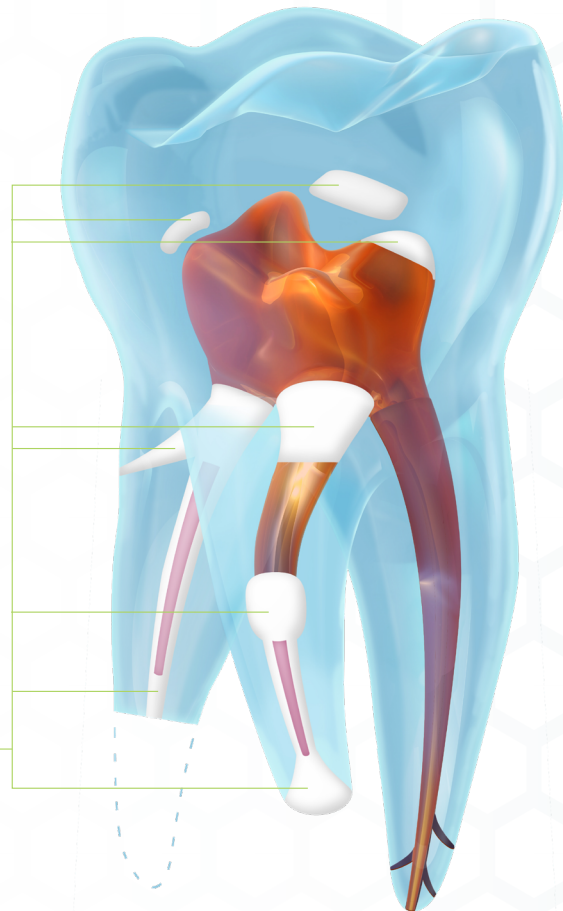
NO MIXING, NO WAITING, NO WASTE

- 3 year shelf life
- No dry out between uses
- Immediately wash-out resistant
- Dispense, place and cover



*Sets in vivo in the presence of moisture

MULTI-PURPOSE FOR EVERY PULP NEED



Perfect consistency with no mixing

Dimensionally stable with zero shrinkage and immediately wash-out resistant after placement

Non-staining and resin free

Zero waste syringe with positive displacement plunger tip

Highest radiopacity in it's class of MTAs

MTA-based bioactivity forms hydroxyapatite

Natural pH with beneficial ion release

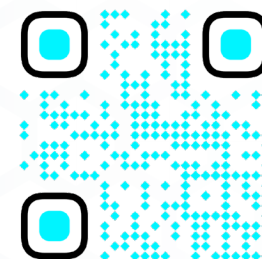


2.4 GM KIT
Two 1.2gm syringes

1.2GM KIT
One 1.2gm syringe



Shop Now



NeoMTA[®] 2

SEQUEL TO THE PROFESSION'S LEADING
COST-EFFECTIVE, BIOACTIVE MTA



Everything you love about NeoMTA, but better! That's the driving principle behind NeoMTA 2. NeoMTA 2 was developed with clinicians in mind to be easier to mix, whiter/brighter with higher radiopacity, and as always a cost-effective, multi-purpose root and pulp treatment material for every procedure.

A HIGHER STANDARD FOR YOU **AND YOUR PATIENTS.**

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

One product for 10 of your most important procedures:

- ✓ Indirect pulp cap
- ✓ Direct pulp cap
- ✓ Partial pulpotomy
- ✓ Cavity liner
- ✓ Base
- ✓ Pulpotomy
- ✓ Apexogenesis
- ✓ Resorption
- ✓ Obturation
- ✓ Apexification

ZERO SHRINKAGE

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

NeoMTA 2 0.06% expansion

ADA 57 std. $\leq 1\%$ shrinkage & $\leq 0.1\%$ expansion

NON-STAINING

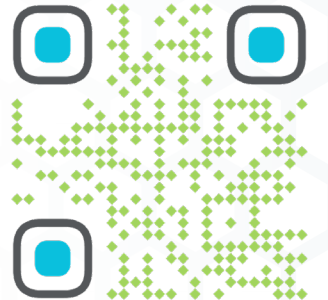
- ✓ Won't discolor teeth – **EVER**
- ✓ NaOCl won't cause discoloration

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.



Open the camera on your phone to scan this QR code and shop now!



PROFESSIONAL KIT | 2.5 GRAMS
Powder 2.5 grams, Gel 4.0cc

SMART BUNDLE | 3 KITS
(3x) Powder 2.5 grams, Gel 4.0cc

“After years of wishing for an ideal MTA material, NeoPUTTY has arrived! It’s an ideal consistency that doesn’t require mixing, excellent radiopacity, and provides all the clinical and biological benefits of MTA with sizable dosing on demand! ”

*- David T. Evans, DMD
Pediatric Dentist*

“NuSmile NeoPUTTY is the best pulp material I have used in my career. Its handling properties reduce chair time and the packaging ensures zero waste while still maintaining the excellent clinical outcomes of MTA.”

*- LaRee Johnson, DDS, MS, FAAPD
Pediatric Dentist*

“As pediatric dentists, we know that MTA is the gold standard in pulp therapy, but traditional MTA has always had drawbacks. NuSmile NeoPUTTY offers all of the benefits of MTA yet handles incredibly well and allows me to provide the best care for my patients efficiently. NeoPUTTY is a game-changer for my practice”

*- Matt Lucero, DMD
Pediatric Dentist*

NuSmile®

nusmile.com