

Life after Decay: Reviving Pulp Vitality with Confidence



Zinc Oxide Eugenol
[1960]



Calcium Hydroxide
[1970]



Dycal
[2000]



Calcium EM Cement
[2011]



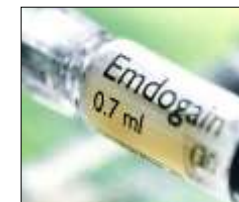
TheraCal LC
[2012]



Mineral Trioxide Aggr.
[1998]



BioDentine
[2000]



Emdogain
[2001]



e-MTA Putty
[2010]

Overall VPTs' survival and success rates were **99.1%** and **91.6%**, respectively. Success rates for 768 direct pulp cappings, 217 miniature pulpotomies, and 272 full pulpotomies were **91.9%**, **92.6%**, and **90.1%**, respectively ($P > 0.05$)

**Preserve and Protect -
The Future of Modern Dentistry**

❖ Vital Pulp Therapy: A Revolutionary Substitute to Root Canal Treatment



MTA pulpotomy

Follow up 4 and 6 months

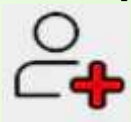
❖ More Effective and a Smarter Path to Long-Term Dental Health



#36 Open Apex

Vital Pulp Apexogenesis

Root closure at 18 months



**Minimized
Discomfort
for patients**



**Less or
Minimally
Invasive**



**Preserve
Natural
Tooth**



**Optimal
Treatment
Results**

“ Revive My Pulp, Ignite My Life ”

Recent Advancements



Propolis



Pulpotec



NanoHydroxyapatite



Dental Pulp Stem Cells



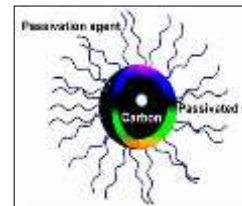
Chitosan



Diode LASER



PreMixed
Bioceramics



CarbonDot
NanoEnzyme



Self Assembling Peptide
Nanofibers

**Rejuvenate and Regenerate -
Vital Pulp Therapy for Life!**