

# SYNAPSE

DENTAL PAIN ERASER

[www.dentalpaineraser.com](http://www.dentalpaineraser.com)



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DENTAL PAIN ERASER

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tel 401.428.3600

**The patented, proven delivery  
method for dental pain relief**

Immediate relief applied directly at the site of pain



## Synapse Dental Pain Eraser is the **only method** that relieves pain<sup>1</sup>:

- Within 30 seconds
- For up to 48 hours
- Drug-free
- With no side effects
- At the site of pain
- Used by staff or patients



**Cosmo Haralambidis, DMD**  
Founder and CEO

Dr. Cosmo, creator of **Synapse Dental Pain Eraser**, is a pioneer in orthodontics through his creation of several products used in orthodontics today. He has published articles in respected peer-reviewed scientific publications and continues to perform clinical research with several dental residencies, including Boston University and St. Barnabas, for continued advancement of electrical stimulation therapy for dentistry. He has attained Diplomate status with the American Board of Orthodontics, and has served as clinical advisor to 3M and EnvisionTEC. Dr. Cosmo currently practices at Cranston Orthodontics in Cranston, Rhode Island.

<sup>1</sup>Journal of Clinical Orthodontics, April 2019 Edition



# The ideal pain management tool for dentistry practices

## Imagine having easy and reliable pain relief at your fingertips for every patient

- Developed by experienced medical professionals
- Proven by clinical studies
- Reusable and cost-effective

### Current oral pain management solutions are deficient

#### PILLS

- 30-45 minute delay
- Non-targeted
- Side effects
- Opioid abuse

#### ANESTHETIC GELS

- Only last 15 - 20 minutes
- Side effects



*We found the pain eraser to be effective for immediate pain relief as well as delayed pain, which occurs 12-24 hours after adjustments. This changes the status quo of orthodontic treatment and pain."*

**Dr. Moonyoung Lee**

St. Barnabas, Orthodontic Program Director



Clinically  
proven  
to relieve  
oral pain  
in seconds  
and last for  
hours



## Delivery of immediate dental pain relief

- **US Patent #9,855,418** – Device for electrical stimulation of periodontal complex and surrounding tissue
- Proprietary waveform, prescription and application type for blocking of dental nerve pain
- Additional patents pending

## Unresolved oral pain is highly prevalent and impactful

- **30-40 million patients** avoid seeing the dentist due to associated dental pain<sup>1</sup>
- **A major fear** impending the pursuit of orthodontic treatment<sup>2</sup>
- 1 in 5 have experienced a **canker ulcer**<sup>3</sup>
- 1 in 4 patients experience **post-dental procedure pain**<sup>4</sup>
- Numerous other oral pain occasions, including teething, leading patients to avoid appointments, reduced compliance and having **unresolved pain from dental appointments**

<sup>1</sup>Colgate Oral and Dental Health Resource Center

<sup>2</sup>O'Connor PJ 2000 Patients' perceptions before, during, and after orthodontic treatment. Journal of Clinical Orthodontics 34: 591-592

<sup>3</sup>Rivera-Hidalgo F, Shulman JD, Beach MM. 2004. The association of tobacco and other factors with recurrent aphthous stomatitis in an US adult population. Oral Dis; 10: 335-345

<sup>4</sup>2005 ADA Survey

