

# DENTALVIBE<sup>®</sup>

INJECTION COMFORT SYSTEM

THE NEXT GENERATION IN COMFORT



Enhanced features...

**2x**  
**Power**

for enhanced pain  
blocking effect.

**2x**  
**Amplitude**

for deeper nerve  
stimulation.

**Micro-filaments**  
for greater surface  
area stimulation



**New White Tip**  
for enhanced visibility



**Voltage Regulated  
Power Supply**  
for consistent power  
under load



# DentalVibe is

a multipurpose instrument designed to alleviate injection pain intra-orally.

It is a cordless, rechargeable, hand held device that delivers soothing, pulsed, percussive micro-oscillations to the site where an injection is being administered.

It's proprietary VibraPulse technology gently stimulates the sensory nerves at the injection site, effectively closing the neural pain gate, blocking the pain of injections.



# Science That Works



## Breakthrough Application of The Gate Control Theory of Pain

VibraPulse Pain Blocking Technology sends intermittent micro-sonic oscillations to the brain's neurological pain sensors, **closing the Pain Gate, blocking the pain of injections.**

# Clinical Applications

Improves Comfort and Control for All Types of Injections.



Infiltration



Palatal



Block

# Features

## Faster, More Profound Anesthesia

Gentle massaging of the injection site, through VibraPulse Technology, prevents a swelling of the bolus of anesthetic solution as it is injected submucosally. This causes a dissipation of the solution providing a faster, more profound anesthetic effect.



## Audible Distraction

An audible distraction, as a buzzing sound, has been strategically added to the DentalVibe, at a comfortable decibel range of 70-75db. This provides an audible stimulus for the patient to focus on during the injection process.

## Pressure Sensing Tip

Comfort tips are specifically designed with a pressure sensing feature, causing the unit to temporarily shut off if excessive force is applied during use.



## Electromagnetic Induction Charging

DentalVibe incorporates state-of-the-art, Wireless Energy Transfer Technology to recharge the built-in NiMH (Nickel Metal Hydride) cell battery.

Its inductive charging base utilizes an induction coil to create an alternating electromagnetic field from within the charging base station, and a second induction coil in the portable device taking power from the electromagnetic field and converting it back into electrical current to charge the battery.

Additionally, inductive charging carries a far lower risk of electrical shock, when compared with conductive charging, because there are no exposed conductors.





# Features

## Super Bright LED Illumination

The device is equipped with a super bright, white light-emitting diode (LED), strategically positioned deep within the handle of the unit. Cleverly, the beam of light is transmitted through an oscillating light rod which projects on to the injection site. This provides the clinician with optimal visibility where it is needed most.



## Ergonomic Design

The DentalVibe instrument weighs less than 3 ounces, and can easily be carried from operatory to operatory. It's slim, light weight, ergonomically sculpted and balanced design fits comfortably in the hand of a clinician. Finished off with a series of strategically placed finger grips providing ease of use, facilitating comfort and control in any area of the mouth.

## Pediatric Reward / Giveaway Toy

Ideal for pediatric patients, 50 animal finger puppets are included in each box of child comfort tips. At 2 1/2 inches in length, these adorable, soft, pliable toys, are the ultimate distraction for any child. They easily slip on to the bottom end of the DentalVibe, giving your patient something to look at during the administration of a comfortable injection. As a reward, the puppet is given to the patient and is held throughout the entire dental procedure.



## Seconds, Not Minutes

In contrast to computer controlled local anesthetic devices (CCLAD) which, like an IV drip, slowly deliver the anesthetic solution, one drip every two seconds, over a period of several minutes, DentalVibe allows the clinician to deliver a standard injection in any area of the mouth, in 30 - 60 seconds on adults as well as children. This time saving efficiency coupled with its pain blocking abilities and anxiety reducing features, makes DentalVibe a true technological wonder. Patients have reported an immediate onset of the anesthetic effect which can be attributed to the dissipation of the bolus of anesthetic as it is stimulated under the oral mucosa.

**DENTALVIBE**  
INJECTION COMFORT SYSTEM



**Dr. Steven G. Goldberg, DDS**

1988 Graduate New York University College of Dentistry

Private practice (Owner/Operator) in Boca Raton, Florida 1988-2010

Founder of the Boca Raton Dream Makeover Team  
Extreme makeovers carried out in collaboration with plastic surgeons

Inventor of the DentalVibe Injection Comfort System (Project began 2004)

President of Bing Innovations (manufacturer/distributor of DentalVibe)

Awarded a United States Patent July, 2011

Three additional US Patents pending

Received numerous new product awards for DentalVibe

TV News appearances on CBS, NBC, ABC, FOX Locally and Nationally

Nominated for a Fellow of the International Academy for Dental-Facial Esthetics

Member of the International Association for the Study of Pain

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