User Manual

Improved version of the EM Pulse (Solo and Trilogy) developed by the late Dr. Glen Gordon

upon the release of the four-year PEMF study by NASA

*EM Pulser activates HSP 70, upregulates the growth and restorative genes while it downregulates the destructive or
dysregulatory genes to help achieve homeostasis. These effects can have a profound influence on any disease.*

Revised 2016 - Model 103
**Warranty**

The EM Pulser has a one year warranty from the date of purchase that includes parts and labor. It also has a thirty (30) day money back guarantee. We are confident of the integrity of your device and know that with proper use, it will give you years of service. If you have any service issues, call Integrity Research Institute to receive advice on your unit. If necessary, you will receive authorization to return the unit for repair or replacement. Even after one year, service is still available at a service fee.

For a refund on your purchase price within the first thirty days, proof of purchase is required. EM Pulser is not intended to diagnose, cure, treat, or prevent specific diseases, injury, or illness and no claims are made. The product has not been evaluated by the FDA.

Manufacturer's liability is limited to the return of the purchase price upon return to point of purchase, provided a claim is made within 30 days of purchase. EM Pulser carries a **1 year** warranty against manufacturer's defects with normal use (to be determined at manufacturer's discretion).

**Disclaimer**

The EM Pulser is an experimental device. It is not intended to prevent, treat, cure, or diagnose any disease. No claims are made for the use of the EM Pulser in any particular medical problem. None of the statements in this User Manual have been evaluated by the FDA. For medical conditions see your doctor for treatment.

This User Manual is for educational purposes only and does not address any specific individual circumstances. No medical advice or recommendations are offered, and no doctor-patient relationship is intended or established. Always visit your own licensed health care provider to obtain medical advice and/or treatment. In particular, your licensed health care provider should always be consulted before using any off-label treatment for a medical condition.
First Time Use Instructions

- PLUG BATTERY INTO BATTERY CHARGER AND LEAVE IT PLUGGED IN OVER NIGHT -

When using the EM Pulser for the first time, it is best to plug in the BATTERY and leave it plugged in for 24 hours. This will fully charge the Lithium Ion batteries and ensure that the proper cycling will be possible. It is also good during regular use to fully drain the batteries (operate for an hour or so with the RED light on) once in a while for the same reason.

General Directions

By Chief Engineer, Thomas Valone, PhD, PE

The EM Pulser utilizes the state-of-the-art pulsed electromagnetic fields (PEMFs) and specifically a square wave pulsed coil for a repeated magnetic field which is very penetrating. It is a major improvement approach with pulsed electromagnetic field (PEMF). Dr. Glen Gordon was a colleague of mine, a medical doctor, and a former speaker at our future energy conferences (COFE – www.futureenergy.org). He invented the old EMPulse and cured many people including himself of lots of conditions. It primarily was designed as a pulsed magnetic mode device that penetrates very well and we have kept that main feature in the new EM Pulser. Doctors have purchased the units, including the old EMPulse for their own use.

This revised and improved model renamed the EM Pulser retains the vital “nanosecond risetime” which Dr. Gordon championed as the major reason for its efficacy. In bioelectromagnetics, disturbing the tissue with a sudden change is more effective than a steady state field (electric or magnetic) or a sinusoidal, slowly or rapidly changing field. My book, Bioelectromagnetic Healing, explains the scientific reasons for this and cites studies that prove it. PEMFs tend to be at least ten times more effective than steady state (DC) fields (but ceramic magnets can be used too). With that understanding, placement of the unit may be approximate or very specific, depending on the injury or condition being treated.

Note: You may feel tingling, mild aching, or nothing at all during or after use of the EM Pulser. These are not indicators of efficacy or proper functioning of the EM Pulser. Consult your health care provider as to appropriate activities to resume following the use of your EM Pulser. If you do however, feel heat, tingling or even pain after 20 minutes to an hour of use of the EM Pulser or a complimentary ceramic magnet treatment (see below), we have found that means cellular transformations have taken place which are favorable but need time to acclimate to the new changes. Therefore, it is wise to discontinue either treatment (magnet or EM Pulser) and alternate, or simply rest a few hours or a complete day before trying one (“DC” or “AC”) again.
Dr. Gordon was able to use his relatively weak EMPulse in his shirt pocket on a daily basis for hours but the EM Pulser is designed to have a more intense field with more current and a bigger coil as well as the same nanosecond risetime so the recommended dosage below is good to start with.

**COIL:** Standard usage varies, but Integrity Research Institute recommends **30-45 minute applications** no more than 1-3 times per day to start. **"Aim" the COIL zone (treatment Zone) at the area of discomfort.** See image here from the backside of EM Pulser. The treatment coil is located right below the COIL word in the circle and the pulsating field can penetrate tissue up to 5 inches or about 12 cm with a decreasing intensity with distance, in a direction perpendicular to the backside of the unit. See diagram →

![COIL Image]

Lightly contact the skin or coverings such as light clothing. Do not use EM Pulser with a pacemaker! In an unhurried manner, move the EM Pulser back and forth across the area of discomfort and if comfortable, leave it in one place with a Velcro strap, ACE bandage, or a stretchable piece of clothing. If you see no improvement in 3-4 days, consult your healthcare provider.

**LEDs:** The GREEN LED light will stay on ALL of the time when the switch is in the ON position. The RED LED will turn on when the battery passes a low point of voltage around 6 volts DC but the unit will still produce a significant square wave pulse for at least two to three hours more before the voltage gets too low to be effective.

**Complimentary Magnet Treatment:** It should be noted that **low intensity, cheap ceramic magnets** of any type (e.g. refrigerator magnets) may be used, at for example an inch apart, in the vicinity of the treatment or trauma zone alternatively with EM Pulser treatments. (Strong neodymium magnets are not recommended). The weak magnets can be sewn between two pieces of cloth for example and are analogous to applying a “DC” magnetic treatment, which is complementary to the “AC” EM Pulser. I personally like using the “self-heating” magnetic therapy tourmaline neck pad anywhere on the body that may ache and need the EM Pulser too (alternate between them every few hours). One example is shown here that is less than $10 from Amazon.com. I had hip joint pain that constricted movement and required lots of hours of nighttime EM Pulser treatment recently. However, putting this neck pad against my hip on one side of my undershorts during the day and that hip also created internal heat when the trauma was still there. I also used capsicum or camphor cream on the skin after the shower each day as well. Rather than a hip replacement the AC/DC treatment worked to fully restore movement and relieve the chronic pain in less than one month.

For more severe conditions, a few hours of exposure may be helpful at least at first and then try the “DC” field from a ceramic magnet to test the area. We have found that if the permanent magnet(s) make the bodily tissue feel hot within an hour, then a trauma is still present and
needs more treatment and the alternating “AC” EM Pulser and the “DC” magnet(s) are very complimentary and beneficial. It is interesting to experience the “DC” magnet treatment becoming an “AC” magnetic treatment like the EM Pulser when movement of the body is also involved, like walking for example. A permanent magnet may not sometimes create any feeling in the tissue at all until one starts to move around sometimes, which proves this principle.

**Tech Details:** After a couple of inquiries on **how to tell if the EM Pulser is working**, we recommend that you obtain a small, inexpensive magnetic compass. When placed near the “COIL” area of the backside of the EM Pulser, the compass needle will unmistakably point toward the COIL, proving the strength of the magnetic field being produced. For those interested, the magnetic field averages to about 10 to 15 gauss at the COIL center, from approximately 80 to 100 gauss pulses, each with a rise-time of only a few hundred nanoseconds which would make Dr. Gordon proud.

**The power of Pulsed ElectroMagnetic Field (PEMF) energy**

Ed. Note: The effects and conditions below were all suggested and provided by Dr. Glen Gordon:

Stops pain and inflammation, promotes healing and wellness.

**Conditions to treat with EM Pulser**
- Swelling
- Tendonitis
- Cuts/Bruises
- Arthritis
- Neuropathy
- Sciatica
- Backache
- Bites/Stings

**Select from this list to review PEMF medical studies for off-label applications:**

COSTOCHONDITIS
LOW BACK PAIN
MUSCLE LOSS
MUSCULOSKELETAL INJURIES
NECK PAIN
NON-UNIONS
OSTEARTHRITIS
OSTEOPOROSIS
PSEUDOARHITIS
SMALL/LARGE JOINT ARTHRITIS
TENDONITIS
WHIPLASH
BOWEL SURGERY
ENDOMETRIOSIS
ERECTILE DYSFUNCTION
GENERAL SURGERY

- EM Pulser technology is safe and has never had a reported side effect.
- The EM Pulser is a hand held device. Weighs two ounces and can be used at home, in your car, or battery powered.
- EM Pulser is vastly superior to "light" or "static magnets" at a very competitive price.
- EM Pulser heals injury and relieves pain - proven by NASA
Warnings

**Contraindications**: Not to be used in pregnancy, infancy, or with implanted electronic devices.

DO NOT use in water, moist environments (sauna) or when sweating, especially at night.

Under no circumstances should you or the device be partially or completely immersed in liquid during use or cleaning. It is sufficient to wipe the device with a moist cloth or alcohol wipe between uses. Do not pour alcohol or any other cleaning solutions on the device. While the label may loosen or the print may fade, the above cleaning recommendations will not interfere with the function of the device. The transformer requires no cleaning.

**OPTION**: An **AC Adapter Transformer is Available** but replacements must meet the exact output characteristics of the IRI AC Adapter as per the manufacturer's label. Do not use ANY other AC adapter transformers with different ratings as they may have different polarity and damage the EM Pulser which will also void the warranty, besides creating the danger of explosion or fire.

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**Why the EM Pulser is superior to other PEMF devices**

Dr. Gordon, MD, was the inventor of the old EMpulse. He was an international Sports Medicine & Rehabilitation expert, and has devoted over 20 years of R&D to PEMF technology. In 1982 Dr. Gordon was the first to propose **nanosecond speed** as critical for effective therapeutic PEMF applications. This has now been proven by NASA in the largest study ever done on PEMF. Why is NASA studying PEMF? Because astronauts cannot heal naturally from injuries once they leave the earth's magnetic field, so they have to take it with them in a medical device. That's how fundamental this technology is to human health.

NASA’s four year study defining speed as the critical pulse factor concluded: "square waves with rapid dB/dt (nanosecond speed) can be used for "growing tissue for transplantation------ restoring tissue after trauma-----and mitigating some neurodegenerative disorders".

They found nanosecond technology "capable of stimulating classes of genes associated with cell growth and restoration in a no way marginal manner".

EM Pulser nanosecond technology operates from 1,000 to 1,000,000 times faster than other PEMF devices on the market, and even those used in reported medical studies.

"When we began research on EMpulse we refined the EMF pulse to nanosecond speed, and healing rates increased dramatically. Believe it or not, this advance was ignored for twenty years. Finally, in 2003, NASA scientists found nanosecond pulses like ours 2.5-4.0 times better than older pulses at restoring tissue after trauma. This is due, among other factors, to nanosecond PEMF's marked ability to **stimulate growth hormone**."  -- Dr. Glen Gordon
References

Accompanying this instructional User Manual is an article of Dr. Gordon’s in his Collected Works from the Cellular Physiology journal to help explain the discovery that PEMF can stimulate the HSP70 protein which is a chaperone protein that repairs and protects whenever there is a trauma to tissue (including heat shock). He also designed the old EMPulse to have the fastest rise time so the dB/dt (change of magnetic field per time) could be the most effective in creating the beneficial effects, even within ten to twenty minutes. Furthermore, it stabilizes the free radical equilibrium which we both agreed is a big deal. The EM Pulser also upregulates the growth and restorative genes while it downregulates the destructive or dysregulatory genes to help achieve homeostasis. This effect alone can have a profound effect in any disease.

Testimonials

For several months, my pulse has been about 130 when it should be 90 to 95. The doctors have found no explanation.

Yesterday, I used an ace bandage to strap the EM PULSER to my chest for several hours and I did this again today.

Yesterday, the rate dropped to 113 after treatment and today to 102.

Thank you!

Jonathan

Just to let you know. I put one of the new devices on my knee and am holding it in place with an ace bandage. I was in much pain going up and down stairs and up hill. What I noticed immediately putting it on is I felt like something was holding my leg gently so it could do what it is supposed to do which is heal itself. My knee feels stronger just having the device on it continuously. As I walk up the stairs I am not in as much pain having had it on for only ten minutes so far. It is not placebo because I am being very careful to see what the body is doing and not want it to work so to speak. So I am so happy it is reducing my pain immediately. It feels like a warm protective shield around the injured area.

Thanks
Rozanne

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Try the new OsteoPad to treat a larger area of your body if you like the EM Pulser – it has the same therapeutic pulse circuit.

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Pulsed electromagnetic fields influence hyaline cartilage extracellular matrix composition without affecting molecular structure

By Hongxiang Liu*, Joan Abbott† and the late James A. Bee*

*Department of Veterinary Basic Sciences, The Royal Veterinary College, Royal College Street, London NW1 0TU, U.K.; and †Electro-Biology, Inc., 6 Upper Pond Road, Parippany, New Jersey 07014-1079, U.S.A.

Summary

Pulsed electromagnetic fields (PEMF) influence the extracellular matrix metabolism of a diverse range of skeletal tissues. This study focuses upon the effect of PEMF on the composition and molecular structure of cartilage proteoglycans. Sixteen-day-old embryonic chick sternae were explanted to culture and exposed to a PEMF for 3 h/day for 48 h. PEMF treatment did not affect the DNA content of explants but stimulated elevation of glycosaminoglycan content in the explant and conserved the tissue's histological integrity. The glycosaminoglycans in sterna exposed to PEMF were indistinguishable from those in controls in their composition of chondroitin sulfate resulting from chondroitinase ABC digestion. Specific examination with [35S]-sulfate labels showed that PEMF treatment significantly suppressed both the degradation of pre-existing glycosaminoglycans biologically labeled in vivo and the synthesis of new [35S]-sulfated glycosaminoglycans. The average size and aggregating ability of pre-existing and newly synthesized [35S]-sulfated proteoglycans extracted with 4 M guanidinium chloride from PEMF-treated cartilage explants were identical to controls. The chain length and degree of sulfation of [35S]-sulfated glycosaminoglycans also were identical in control and PEMF-treated cultures. PEMF treatment also reduced the amount of both unlabeled glycosaminoglycans and labeled pre-existing and newly synthesized [35S]-sulfated glycosaminoglycans recovered from the nutrient media. [35S]-Sulfated proteoglycans released to the media of both control and PEMF-treated cultures were mostly degradation products although their glycosaminoglycan chain size was unchanged. These results demonstrate that exposure of embryonic chick cartilage explants to PEMF for 3 h/day maintains a balanced proteoglycan composition by down-regulating its turnover without affecting either molecular structure or function.

Key words: Pulsed electromagnetic fields, Cartilage extracellular matrix, Proteoglycan, Glycosaminoglycan.

Introduction

Cartilage extracellular matrix establishes a highly concentrated, gel-like system of proteoglycans immobilized within a dense network of collagen fibrils [1]. Proteoglycans are high molecular weight molecules composed of a core protein to which a large number of negatively charged and extremely hydrophilic glycosaminoglycan chains are attached covalently. Under normal physiological conditions, sulfated proteoglycans interact with hyaluronic acid through one end of the protein core to form large multimolecular aggregates [2–4]. The high concentration and extreme hydrophilicity of proteoglycan aggregates create swelling pressure within the extracellular matrix which is constrained by a relatively inextensible collagen network. The association between proteoglycans and collagens provides a native cartilage with the unique physical properties of reversible compressibility and tensile strength enabling it to both withstand mechanical stress and protect underlying bone [5]. Loss of proteoglycan associated with osteoarthritis results in a disruption of cartilage integrity and an inevitable loss of biomechanical function [6]. Maintenance and/or restoration of a functional extracellular matrix is of significant interest to the repair of damaged cartilage.

Pulsed electromagnetic fields (PEMF) promote fracture healing and are widely applied to the successful clinical treatment of delayed- or non-union fracture in patients [7–12]. Although the biological mechanism of action of electrically induced osteogenesis is unclear, PEMF is generally thought to stimulate endochondral ossification by initiating a series of events in cartilage. Considerable evidence has accumulated indicating that PEMF affects the cytodifferentiation and phenotypic expression of cartilage in vitro [13–15] and

This article suggests the efficacy of PEMF for cartilage and bone restoration.
Integrity Research Institute’s Position Paper on Prostate Alternatives for BPH

Dr. Norm Shealy https://normshealy.com/ recommends men over 50 should be taking 160 mg of saw palmetto four times a day. There are other formulations which enhance the effect on BPH such as http://www.lef.org/vitamins-supplements/item01790/PalmettoGuard-Saw-Palmetto-Nettle-Root-Formula-with-Beta-Sitosterol.html?source=search&key=prostate from Life Extension foundation. However, prescription therapies work very well to reduce prostate size and permit urination flow, such as Proscar and Avodart. www.lef.org has a review article comparing these two drugs in the December 2013 issue of Life Extension magazine.

As far as the new PEMF treatment article from 2014 for promoting the Magcell Vetri, we subscribe to Dr. Glen Gordon’s discoveries about PEMF, as outlined in the IRI book, Bioelectromagnetic Healing and online www.BioenergyDevice.org. Basically it is not the 2,000 gauss field that is doing the work at the ELF pulse rate but more importantly, it is the slope or derivative of the pulse. Dr. Gordon also spoke at our COFE in 2006 and emphasized the “nanosecond risetime” of his NASA-developed EMpulse (see attached).

What we at IRI did, along with a great electronics shop who now manufactures them for us, was to keep the nanosecond risetime, increase the pulse rate to 250 Hz and slightly increase the pulse height to around 70 gauss but at a low 12% duty cycle, so the average magnetic field delivered is only about 7 gauss as a result. If some still feel that more is better, our frequency is about 10 times than the Magcell Vetri so we deliver 10 times the impact within the same amount of time. Also, the treatment time is usually about fifteen (15) minutes to thirty (30) minutes but can be much longer if needed, as the heat shock proteins (HSP 70) are drawn to the site within ten (10) minutes according to Gordon.

We also have two great rechargeable batteries (and a free charger) with the EM Pulser along with a 30 day money back guarantee. The reports have been coming in saying that this unit is as good or better than the older EMpulse. Visit www.BioenergyDevice.org for more info and a full page of testimonials. Some clients also use our Premier Jr. on the prostate perineum area as well with good results (I have as well and obtained relief within minutes that lasts for days).

In researching BPH treatments, we have learned of a 2014 dog study in which PEMF successfully reduced prostate size by 57% in 3 weeks! Clearly, this is the way to go before trying surgery. (http://www.parsemusfoundation.org/new-treatment-for-enlarged-prostate/) Another overseas model was used in Magcell Vetri study (http://www.vetri-line.de/index.php?id=414, exhibiting a magnetic field of "max 200 mT" which is 2000 gauss but cannot possess a nanosecond rise time with such a high intensity field. This is the same intensity field used in a 2010 PEMF leukemia cell study which caused increased leukemia cell death after a 12-hour stimulation (J. App. Phys., 107, 09B306, 2010). IRI recommends Dr. Gordon’s philosophy of a weaker intensity but faster risetime for maximum efficacy to reduce inflammation and stimulate HSP 70, the active agent for healing.

December, 2015 Thomas F. Valone, PhD, PE

None of these statements have been evaluated by the FDA. This product is not intended to diagnose, treat, or cure disease.
Effect of pulsed electromagnetic field therapy on prostate volume and vascularity in the treatment of benign prostatic hyperplasia: A pilot study in a canine model

1. Raffaella Leoci¹,
2. Giulio Aiudi¹,
3. Fabio Silvestre¹,
4. Elaine Lissner² and
5. Giovanni Michele Lacalandra¹

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The Prostate


Additional Information

EM-Pulse, TRILOGY the world's premier pulsed electromagnetic treatment

Pulsed Electromagnetic Field (PEMF) technology has been found superior to drugs in the treatment of many conditions as diverse as arthritis, fractures, low back pain, carpal tunnel syndrome, and others. Independent studies funded by NASA demonstrated the superiority of energy pulses identical to those in EM Pulse over all other devices in a four year study. Coupled with our solid state circuitry, ease of handling, and 23 years research experience, we are confident EM Pulse is the best you can buy. We extend a 30 day money back guarantee, no questions asked, if you are not satisfied.

DIRECTIONS - Connect the device to the power adapter; the red lights will illuminate. Place the lights in contact with the skin or light clothing overlying the area to be treated. Move EM Pulse over the entire area of tenderness concentrating on the most painful areas. You can stop for several minutes over the most painful areas, but continue covering the area after 5-8 minutes. After 30-60 minutes of stopping and movement you can disconnect EM Pulse and set it aside. Treat as often, or as long as you wish; our recommendation is 60 minutes daily for 4-6 days. In our clinical studies we found 4 out of 5 people benefited significantly when used in that manner.

EMpulse technology has been reported useful in many different illness and injury conditions.

WHIPSLASH  MORNING HEADACHES  TENSION HEADACHES
NECK PAIN  CARPAL TUNNEL SYNDROME  SMALL JOINT ARTHRITIS
BURSITIS  LARGE JOINT ARTHRITIS  LOW BACK PAIN
TENDONITIS  GENERAL INFLAMMATION  PREMENSTRUAL PAIN
NEURITIS  PREOPERATIVE WOUND HEALING
ENDOMETRITIS  POSTPARTUM PAIN  POSTOPERATIVE PAIN
CHLOROMENETIS  PLANTAR FASCITIS
ELBOW  ACHILLES TENDONITIS
TELESCOPIC  TENNIS ELBOW  BRACHIAL
PROSTENITIS  ELBOW SYNDROME  STRIKE
TOOTH EXTRCTIONS  NECK SYNDROME  RECONCIVENCE
SWEET ASSESS PAIN  OPEN WOUNDS
BREATHING  HEART ATTACKS  HEART ATTACKS
BREATHING  NECK PAIN  NECK WOUNDS
BUCKLES  ARM WOUNDS  TORSO
INCISIONS  LEG WOUNDS  LEG WOUNDS
ARTHRITIS  LOWER LEG WOUNDS  TORSO WOUNDS
KNEE DISEASE  THRUST WOUNDS  TORSO WOUNDS
BONEFRACTURE  TORSO WOUNDS  THRUST WOUNDS
NECK SYNDROME  THORACIC WOUNDS  THRUST WOUNDS
BOWEL SYNDROME  HYPERTROPHY  URETHRAL MUSCLES
GASTRIC EMPTYING  HYPERTROPHY  URETHRAL MUSCLES
CONTINENCE  HYPER TROPHY  URETHRAL MUSCLES

EMpulse by  WWW.EM-PROBE.COM
580-899-3998
A New Healing Paradigm: Pulsed Electromagnetic Fields

**EMpulse and EM Pulser History**

**The Problem**

**Dissatisfaction with Drugs & Surgery**

- Crisis in Health Care
  - Unsafe drugs
    - Vioxx, Bextra, Celebrex, Crestor, Viagra...
  - Unproven surgeries, outcomes
  - 100,000 deaths and 2.2 million nonfatal events from ADR in the US in 1994
  - 30% of patients do not benefit from medicines 1

1. *JAMA 1998 279:1200*

**The Solution: Pulsed Electromagnetic Fields**

Injury & Disease = Free Radical Event

PEMF Increases Neutralization by Antioxidants

Increases antioxidant healing activity up to a hundredfold

Example: fracture healing in 10-12 days instead of six weeks

**Free Radicals and Antioxidants**

- *are paramagnetic* and drawn to and oriented by a magnetic field (compass effect).

**Pulsed Magnetic Fields** *are a catalyst to increase antioxidant efficacy 100-fold*

**History: Dr. Gordon invents the EMpulse for his own congestive heart condition, dreams of a “mat”**

- Stops inflammation faster than any drug or technology
- Cost effective healing technology
- Synergistic with drug therapy
- Spinoff to pad style product

**Example:** Osteoporosis - Fosamax at $6000 annually - or the new OsteoPad, based on the EMpulse technology, which Stimulates Calcium Transport electromagnetically to Restore Bone Density

**Inflammation vs. Healing**

- *Must stop one to start the other*

- Must be able to upregulate tissue and tissue restoration genes
Testimonial

"I tore a hamstring so badly I thought the Olympics were history before they started. We treated several days, two or three times per day, results were spectacular. I’d never seen a hamstring injury recover with such speed. We treated several days, two or three times per day. I’d never seen a hamstring injury recover with such speed." 

Calvin Smith - Former World Record Holder & Former Olympic Gold Medalist

Excerpt of FDA Approval Letter to Dr. Gordon for the original EMpulse

Note: The FDA reviewed and approved the original EMpulse

NASA Findings on PEMF

- NANOSECOND Speed = 2-4 times healing power
- PEMF upregulates approx. 150 repair genes
- Transforming growth factor-1 - bone
- Vascular endothelial growth factor (VEGF) - vessels
- Increases mitochondria 300-400%
- Antioxidant healing activity up to a hundredfold

NASA’s Conclusion*

“Nanosecond speed is up to 4.0 times as effective as DC, sine wave, and millisecond technology [all of] which was found to be little better than placebo”


Scientific Scrutiny

- 2000-3000 PEMF articles in National Library of Medicine
- Largest study ever by NASA
- DOD use in Iraq and acute trauma study
- FDA approved non-unions since 1979
- W.H.O. reviewed worldwide and found “no adverse side effects”

EM Pulser Has Nanosecond Speed

Pulsed Electromagnetic Fields - interesting...

- Used internationally for 150 years
- Approved for fractures in US (1979)
- Marginally effective! Why? Millisecond speed

Nanosecond Pulsed Electromagnetic Fields are revolutionary!

- NASA 4-year study: nanosecond speed >4.0 times better at restoring tissues following injury or trauma.
- EM Pulser is the only NANOSECOND PEMF device
Dr. Gordon’s Spectrum of Use

**Inflammation/Pain**
- Bites, stings, trauma
- Arthritis, muscle injury
- Neuritis, neuropathy
- Carpal tunnel
- Back Pain
- Pain Relief
- Tissue healing
- Menses and childbirth

**Tissue Restoration**
- Nerve repair
- Fracture healing
- Prosthesis stabilization
- Myocardial ischemia, congestive heart failure
- Cerebral ischemia, stroke
- Spinal Cord Injury

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**Testimonials for both models**

"First time I used it on my knee I was sold. Twenty minutes, and the pain I usually get with a tough day was gone. I use it whenever needed."

Norris J. – using the EMpulse

"You cannot imagine how pleased we are with the relief we received from the unit. It is definitely one of the best purchases we've ever made. Thank you for making this technology available and affordable."

Michelle M. – using the new EM Pulser

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**EM Pulser Specifications**

- Lightweight 5 oz.
- Portable – 1” x 2.5” x 5”
- Rechargeable Battery – Long Lasting – option AC adapter
- 30 day money back guarantee
- 1 year manufacturers warranty
- Easy to use
- Minimum application: 30 min, 2 times/day move slowly back and forth over painful area
- May also be secured in place with a scarf or towel or under clothing

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**Testimonials**

"My daughter used EMpulse many times a day following ACL replacement surgery. It reduced her pain level – in two days she no longer needed pain meds. The swelling was VERY minimal, I attribute this directly to the use of EMpulse. At approx. 11 weeks out her PT said this was by far the fastest he had ever seen anyone recover from this type of surgery." – Virginia L

"Just to let you know. I put one of the new devices on my knee and am holding it in place with an ace bandage. I was in much pain going up and down stairs and up hill. What I noticed immediately putting it on is I felt like something was holding my leg gently so it could do what it is supposed to do which is heal itself. My knee feels stronger just having the device on it continuously. As I walk up the stairs I am not in as much pain having had it on for only ten minutes so far. It is not placebo because I am being very careful to see what the body is doing and not want it to work so to speak. So I am so happy it is reducing my pain immediately. It feels like a warm protective shield around the injured area."

-- Thanks, Rozanne

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**Personal Instructions from Glen Gordon M.D.**

Presented to an IRI conference audience

Explains the benefits of pulsed EMF therapy

FREE copy with every EM Pulser order

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**EM Pulser** - New and Improved Version of Dr. Gordon’s

Including a 30-page User Manual with all of Dr. Gordon’s original articles

Rechargeable Internal Battery, More Powerful Pulse, Faster Pulse Rate, Bigger Coil, but still with the SAME Nanosecond Risetime!
Recommended use of the EM-pulse

Other outputs

Since your EM-pulse is a medical device, its use should be limited to the conditions for which it was designed. Please consult your healthcare provider before using the device for any condition that you are not sure about. The device should not be used for athletic training or fitness purposes.

Care of your EM-pulse

- Avoid exposing the device to direct sunlight or high temperatures.
- Keep the device clean and dry.
- Do not disassemble the device.

Note: The device is not intended for use by children under the age of 12.

EM-pulse is a family tradition

Contact that helps you discover new solutions for pain relief and muscle recovery.

Why should I purchase EM-pulse for myself or my family?

- Reduces muscle pain and stiffness
- Improves circulation
- Enhances exercise performance
- Improves sleep

EM-pulse warranty

Please refer to the warranty booklet for full details.