

Samples from over 2,000 Medical PEMF Studies*

Evolution of magnetic therapy from alternative to traditional medicine

Vallbona C, Richards T.; Department of Family and Community Medicine, Baylor College of Medicine, Houston, Texas, USA.

Equipment design for magnetic therapy and "Polus" devices

Viktorov VA, Malkov IuV.

Beneficial effects of electro-magnetic fields

Bassett CA., Bioelectric Research Center, Columbia University, Riverdale, New York 10463.

Clinical effectiveness of magnetic field therapy--a review of the literature

Quittan M, Schuhfried O, Wiesinger GF, Fialka-Moser V.; Universitätsklinik für Physikalische Medizin und Rehabilitation, Wien.

Theoretical and practical aspects of general magnetotherapy

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Possible therapeutic applications of pulsed magnetic fields

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Pulsed magnetotherapy in Czechoslovakia--a review.

Jerabek J. National Institute of Public Health, Praha, Czech Republic.

Electro-Magnetic fields and magnets. Investigational treatment for musculoskeletal disorders

Trock DH.; Yale University School of Medicine, New Haven, Connecticut, USA.

ARTHRITIS

A study of the effects of Pulsed Electro-Magnetic Field Therapy with respect to serological grouping in rheumatoid arthritis.

Ganguly KS, Sarkar AK, Datta AK, Rakshit A. National Institute for the Orthopaedically Handicapped (NIOH), Calcutta.

A case of congenital pseudarthrosis of the tibia treated with Pulsing Electro-Magnetic Fields. 17-year follow-up.

Ito H, Shirai Y, Gembun Y.

Department of Orthopaedic Surgery, Nippon Medical School, Tokyo, Japan.

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Department of Medicine (Rheumatology), Danbury Hospital, CT 06810.

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Department of Medicine, Danbury Hospital,

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Hulme J, Robinson V, DeBie R, Wells G, Judd M, Tugwell P.

Cochrane Collaborating Center, Center for Global Health, Institute of Population Health - University of Ottawa, 1 Stewart Street, Ottawa, Ontario, Canada, K1N 6N5.

Modification of osteoarthritis by Pulsed Electro-Magnetic Field--a morphological study.

Ciombor DM, Aaron RK, Wang S, Simon B.; Department of Orthopaedics, Brown Medical School, Providence, RI 02906,

Pulsed magnetic field therapy for osteoarthritis of the knee--a double-blind sham-controlled trial.

Nicolakis P, Kollmitzer J, Crevenna R, Bittner C, Erdogmus CB, Nicolakis J. Department of Physical Medicine and Rehabilitation, AKH Wien, University of Vienna, Vienna, Austria.

Therapeutic effects of pulsed magnetic fields on joint diseases

Riva Sanseverino E, Vannini A, Castellacci P., Università di Bologna, Italy

CELL REGENERATION

Effect of external Pulsing Electro-Magnetic Fields on the healing of soft tissue.

Glassman LS, McGrath MH, Bassett CA. Division of Plastic Surgery, Montefiore Medical Center, Albert Einstein College of Medicine, New York, NY.

Pulsing Electro-Magnetic field therapy in nerve regeneration: an experimental study in the cat.

Orgel MG, O'Brien WJ, Murray HM.

Effect of Pulsed Electro-Magnetic Fields (PEMF) on osteoblast-like cells.

Satake T. Department of Oral Biochemistry, Kanagawa Dental College

CIRCULATION

Microcirculatory effects of Pulsed Electro-Magnetic Fields.

Smith TL, Wong-Gibbons D, Maultsby J. Department of Orthopaedic Surgery, Wake Forest University School of Medicine, Medical Center Blvd., Winston-Salem, NC 27157-1070, USA.

* University level double-blind Medical Studies

DEPRESSION

[Influence of electro-magnetic fields on the emotional behaviour of rats](#)

[Article in Russian] Semenova TP, Medvinskaia NI, Bliskovka GI, Akoev IG. Institute of Cell Biophysics, Russian Academy of Sciences, Pushchino, Moscow region, 142290 Russia.

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Conca A, Di Pauli J, Beraus W, Hausmann A, Peschina W, Schneider H, König P, Hinterhuber H. Departments of Psychiatry I and II, Regional Hospital, 6830 Rankweil, Austria.

[Effect of Pulsed Electro-Magnetic Fields \(PEMF\) on late-phase osteotomy gap healing in a canine tibial model.](#)

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[Autoradiographic evaluation of electro-magnetic field effects on serotonin \(5HT1A\) receptors in rat brain.](#)

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DIABETES

[The use of Pulsed Electro-Magnetic Fields with complex modulation in the treatment of patients with diabetic polyneuropathy](#)

Science Research Institute of Medical Rehabilitation, Baku, Azerbaidzhan

EDEMA

[Low frequency and low intensity Pulsed Electro-Magnetic Field exerts its antiinflammatory effect through restoration of plasma membrane calcium ATPase activity.](#)

Selvam R, Ganesan K, Narayana Raju KV, Gangadharan AC, Manohar BM, Puvanakrishnan R. Department of Pharmacology and Toxicology, Madras Veterinary College, Vepery, Chennai, India.

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Grant G, Cadossi R, Steinberg G. Department of Neurosurgery, Stanford University, California 94305

ENDOMETRITIS

[A low-frequency alternating magnetic field, a supersonic-frequency current and interference currents in the combined treatment of chronic nonspecific endometritis](#)

Strugatskii VM, Popovich LS.

FIBROMYALGIA

[Exposure to a specific pulsed low-frequency magnetic field: a double-blind placebo-controlled study of effects on pain ratings in rheumatoid arthritis and fibromyalgia patients.](#)

Lawson Health Research Institute, St. Joseph's Health Care, London, Ontario N6A 4V2.

GLAUCOMA

[The effect of a Pulsed Electro-Magnetic Field on the hemodynamics of eyes with glaucoma.](#)

Tsisel'ski IuV, Kashintseva LT, Skrinnik AV. Russian

HEALING

[Magnetic fields in physical therapy.](#)

[Experience in orthopedics and traumatology rehabilitation](#)

[Article in Italian], Borg MJ, Marcuccio F, Poerio AM, Vangone A.

[Therapeutic effects of electro-magnetic fields in the stimulation of connective tissue repair](#)

Aaron RK, Ciombor DM., Department of Orthopaedics, Brown University, Providence, Rhode Island 00928.

BONE HEALING

[Pseudarthrosis after lumbar spine fusion: nonoperative salvage with Pulsed Electro-Magnetic Fields.](#)

Simmons JW Jr, Mooney V, Thacker I. UTMB, Galveston, Texas, USA.

[Effects of static magnetic and Pulsed Electro-Magnetic Fields on bone healing.](#)

Darendeliler MA, Darendeliler A, Sinclair PM. Discipline of Orthodontics, Faculty of Dentistry, University of Sydney, Australia.

[Pulsed Electro-Magnetic Fields for the treatment of bone fractures.](#)

Satter Syed A, Islam MS, Rabbani KS, Talukder MS.

Industrial Physics Division, BCSIR Laboratories, Dhaka.

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SKIN WOUND HEALING

The influence of pulsed electrical stimulation on the wound healing of burned rat skin.

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Pulsed Electro-Magnetic Fields in experimental cutaneous wound healing in rats.

Patino D, Grana D, Bolgiani A, Prezzavento G, Mino J, Merlo A, Benaim F. Department of Postgraduate Reconstructive and Plastic

Effects of pulsed extremely-low-frequency magnetic fields on skin wounds in the rat.

Ottani V, De Pasquale V, Govoni P, Franchi M, Zaniol P, Ruggeri A. Istituto di Anatomia Umana Normale, Bologna, Italy.

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Effects of Pulsed Electro-Magnetic Fields on rat skin metabolism.

De Loecker W, Delpont PH, Cheng N. Afdeling Biochemie, Katholieke Universiteit te Leuven, Belgium.

HEMATOMA

Electrochemical therapy of pelvic pain: effects of Pulsed Electro-Magnetic Fields (PEMF) on tissue trauma.

Jorgensen WA, Frome BM, Wallach C. International Pain Research Institute, Los Angeles, California.

HYPERTENSION

The treatment of hypertension patients with electro-magnetic and magnetic fields.

Orzheshkovskii VV, Chopchik DI, Paramonchik VM, Fastyskovskii AD, Kovalenko VP.

LYMPHOCYTES

Effect of bioresonance therapy on antioxidant system in lymphocytes in patients with rheumatoid arthritis.

Islamov BI, Balabanova RM, Funtikov VA, Gotovskii YV, Meizerov EE. Institute of Theoretical and Experimental Biophysics, Russian Academy of Sciences, Pushchino, Russia.

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Initial exploration of Pulsing Electro-Magnetic Fields for treatment of migraine.

Sherman RA, Robson L, Marden LA. Service of Orthopedic Surgery, Madigan Army Medical Center, Tacoma, Wash. 98431, USA.

Treatment of migraine with Pulsing Electro-Magnetic Fields: a double-blind, placebo-controlled study.

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Pelka RB, Jaenicke C, Gruenwald J. Universitat der Bundeswehr Munchen Munich, Germany.

MULTIPLE SCLEROSIS

Therapy of day time fatigue in patients with multiple sclerosis.

Zifko UA.; Sonderkrankenanstalt fur Neurologie, Klinik Pirawarth, Kurhausstrasse 100, A-2222 Bad Pirawarth, Austria

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Ruohonen J, Ravazzani P, Grandori F, Ilmoniemi RJ.; BioMag Laboratory, Helsinki University Central Hospital, Finland.

NERVE REPAIR

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An experimental study of the effects of Pulsed Electro-Magnetic Field (Diapulse) on nerve repair.

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A multivariate approach to the treatment of peripheral nerve transection injury: the role of electro-magnetic Field Therapy

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NERVOUS SYSTEM

Magnetic and electrical stimulation in the rehabilitative treatment of patients with organic lesions of the nervous system

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NEUROPATHY

Pulsed magnetic field therapy in refractory neuropathic pain secondary to peripheral neuropathy: electrodiagnostic parameters--pilot study.

Weintraub MI, Cole SP. New York Medical College, Briarcliff Manor, New York 10510, USA

OSTEOPOROSIS

The effect of long-term pulsing electro-magnetic field stimulation on experimental osteoporosis of rats.

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Chang K, Chang WH. Department of Biomedical Engineering, Chung-Yuan Christian University, Chung-Li, Taiwan, Republic of China.

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Tabrah F, Hoffmeier M, Gilbert F Jr, Batkin S, Bassett CA. University of Hawaii School of Medicine, Straub Clinic and Hospital, Honolulu.

PAIN

Evaluation of electro-magnetic fields in the treatment of pain in patients with lumbar radiculopathy or the whiplash syndrome.

Thuile Ch, Walzl M., International Society of Energy Medicine, Vienna, Austria.

Pain management and electro-magnetic medicine.

Quellette EA., University of Miami School of Medicine, Department of Orthopaedics and Rehabilitation, Florida, USA.

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PARKINSON'S

Magnetic fields in the treatment of Parkinson's disease.

Sandyk R, Anninos PA, Tsagas N, Derpapas K. Democriton University of Thrace, Department of Medical Physics and Polytechnic School, Alexandroupolis and Xanthi, Greece.

PELVIC PAIN

Electrochemical therapy of pelvic pain: effects of Pulsed Electro-Magnetic Fields (PEMF) on tissue trauma.

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RANGE OF MOTION

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TENDONITIS

Pulsed magnetic and electro-magnetic fields in experimental achilles tendonitis in the rat: a prospective randomized study.

Department of Orthopaedics and Traumatology, Chinese University of Hong Kong, Prince of Wales Hospital, Shatin, New Territories, Hong Kong

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Lee EW, Maffulli N, Li CK, Chan KM. Department of Orthopaedics and Traumatology, Chinese University of Hong Kong, Prince of Wales Hospital, Shatin, New Territories, Hong Kong

ULCERS

A portable Pulsed Electro-Magnetic Field (PEMF) device to enhance healing of recalcitrant venous ulcers: a double-blind, placebo-controlled clinical trial.

Ronald D. Perelman Department of Dermatology, New York University Medical Center, New York.

Treatment of chronic varicose ulcers with Pulsed Electro-Magnetic Fields: a controlled pilot study.

Department of Dermatology, Belfast City Hospital.

VISION

The effect of a Pulsed Electro-Magnetic Field on the hemodynamics of eyes with glaucoma

[Article in Russian] Tsisel'skii IuV, Kashintseva LT, Skrinnik AV.

Effectiveness of magnetotherapy in optic nerve atrophy. A preliminary study [Article in Russian] Zobina LV, Orlovskaya LS, Sokov SL, Sabaeva GF, Konde LA, Iakovlev AA.

Possibilities of magnetotherapy in stabilization of visual function in patients with glaucoma

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