

Published Medical Research on BEMER

Summary of Important Scientific Publications / Studies on BEMER® Physical Vascular Therapy.

All 37 research papers document positive and varied health benefits using BEMER Therapy.

(Including the forerunner Systems BEMER 3000 and BEMER Plus)

PUBLICATIONS

PubMed Registered - Sorted by Date of Appearance

Z GERONTOL GERIATR. 2013 NOV 24. [ePUB Ahead of Print] Effects of physical stimulation of spontaneous arteriolar vasomotion on microcirculation and the immune system in diabetes and impaired wound healing. [Article in German] *Klopp R, Schulz J, Niemer W, Ruhнау KJ*

J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S13-9. DOI:10.1515/JCIM-2013-0032.

Effects of physical stimulation of spontaneous arteriolar vasomotion in patients of various ages undergoing rehabilitation. *Klopp RC, Niemer W, Schulz J*

ORV. HETIL. 2013: 154 (42), 1674-1679. Effectiveness of pentoxifylline and of bio-electromagnetic therapy in lower limb obliterative arterial disease. [Article in Hungarian] *Bernat SI*

J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S21-7. DOI:10.1515/JCIM-2013-0033.

Influence of a specific, biorhythmically defined physical stimulus on deficient vasomotion in small-caliber arterioles in the subcutis in patients with diabetic polyneuropathy. *Klopp RC, Niemer W, Schulz J, Ruhнау KJ.*

J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S5-S12. DOI:10.1515/JCIM-2013-0037. The effects of the "physical BEMER® vascular therapy", a method for the physical stimulation of the vasomotion of precapillary microvessels in case of impaired micro-circulation, on sleep, pain and quality of life of patients with different clinical pictures on the basis of three scientifically validated scales. *Bohn W, Hess L, Burger R.*

J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S39-46. DOI:10.1515/JCIM-2013-0035.

Effects of various physical treatment methods on arteriolar vasomotion and microhemodynamic functional characteristics in case of deficient regulation of organ blood flow. Results of a placebo-controlled, double-blind study. *Klopp RC, Niemer W, Schmidt W*

E J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S29-37. DOI:10.1515/JCIM-2013-0034. Complementary-therapeutic stimulation of deficient autorhythmic arteriolar vasomotion by means of a biorhythmically physical stimulus on the microcirculation and the immune system in 50-year-old rehabilitation patients. *Klopp RC, Niemer W, Schulz J*

E J COMPLEMENT INTEGR MED. 2013;10 (SUPPL):S1-3. DOI:10.1515/JCIM-2013-0036.

The technological development history and current significance of the „physical BEMER® vascular therapy“ in medicine. *Bohn W.*

PUBLICATIONS

PubMed Registered - Sorted by Date of Appearance

ALTERN THER HEALTH MED. 2011 NOV-DEC;17(6)22-8
Long-term effects of Bio-Electromagnetic-Energy Regulation therapy on fatigue in patients with multiple sclerosis.
Ziemssen T, Piatkowski J, Haase R // Neurological Outpatient Center, Dresden, Germany

ELECTROMAGN BIOL MED. 2007;26(3):179-90
Effects of weak, low-frequency pulsed electromagnetic fields (BEMER type) on gene expression of human mesenchymal stem cells and chondrocytes: an in vitro study. *Walther M, Mayer F, Kafka W, Schütze N.*

J DRUG TARGET. 2011 DEC;19(10):890-9. DOI: 10.3109/10.61186X.2011.622403. EPUB 2011 OCT.
Synergistic effect of EMF-BEMER-type pulsed weak electromagnetic field and HPMA-bound doxorubicin on mouse EL4 T-cell lymphoma. *Říhová B, Etrych T, Šírová M, Tomala J, Ulbrich K, Kovář M. // Department of Immunology and Gnotobiology, Institute of Microbiology, Academy of Sciences of the Czech Republic, V.V.I., Vídeňská Prague, Czech Republic. rihova@biomed.cas.cz.*

J COMPLEMENT INTEGR MED. 2009 MAY; 15(5):507-11. DOI:10.1089/ACM.2008.0501.
Effect of BEMER magnetic field therapy on the level of fatigue in patients with multiple sclerosis: a randomized, double-blind controlled trial. *Piatkowski J, Kern S, Ziemssen T. // Neurological Outpatient Center Reichenbachstrasse, Dresden, Germany*

PUBLICATIONS

NOT PubMed Registered - Sorted by Date of Appearance

THE SPECIALIST FORUM; WOUNDCARE (2013); (13) 6; PP 9-13.
Independent evaluation of BEMER physical vascular regulation therapy. *Naudè L*

MIKROZIRKULATION IM FOKUS DER FORSCHUNG (2008); ISBN 978-3-033-01464-0; P421-424.
Immediate effect of an appropriate alternating electromagnetic field (BEMER) on the microvessels network in the subcutis and intestinal area. *Klopp R*

HUNGARIAN MAGAZINE FOR DISEASES OF THE THROAT, NOSE AND EAR 56 (4) 2010.
Experiences by the treatment of patients suffering from subjective tinnitus using bio-electro-magnetic energy regulation (BEMER). *Szilágyi I*

P425-431.
The effect of different application time and different intensity levels within the flux density range of the used BEMER 3000 system on the amount of change in characteristics in microcirculation and the decay behavior. *Klopp R*

SCHWEIZERISCHE ZEITSCHRIFT FÜR GANZHEITSMEDIZIN (2008);20(6) 347-53.
The effects of electromagnetic fields on biological systems and expression patterns of growth factors. A review. *Ruoff GW*

P432-436.
The effect of repeated application of an appropriate alternating electromagnetic field (BEMER) on the microvessels network in the subcutis and intestinal area. *Klopp R*

MIKROZIRKULATION IM FOKUS DER FORSCHUNG (2008); ISBN 978-3-033-01464-0; P436-438.

The effect of application of an appropriate alternating electromagnetic field (BEMER) on the microvessels network in the subcutis and intestinal area in different depth of the tissue. *Klopp R*

P438-440.

The effect of application of an appropriate alternating electromagnetic field (BEMER) on stimulation of white blood cells immunological reaction within a representative tissue of immunological activity (gingiva). *Klopp R*

P441-446.

The effect of application of an appropriate alternating electromagnetic field (BEMER) on stimulation of white blood cells' immunological reaction within a representative tissue of immunological activity (gingiva) in case of experimental inflammation. *Klopp R*

P454-455.

Comparison between immediate effect of an electromagnetic BEMER-field and an electromagnetic BEMER plus-field on the change of characteristics within the superficial microvessels network in the subcutis of elderly male volunteers. *Klopp R*

P456-459.

Comparison between the immediate effect of an electromagnetic BEMER-field and an electromagnetic BEMER Plus-field on the change of characteristics within the superficial microvessels network in the subcutis (infracutaneous, regio epigastrica) of middle aged volunteers in 2 different depths of tissue (3mm/8mm). *Klopp R*

MIKROZIRKULATION IM FOKUS DER FORSCHUNG (2008); ISBN 978-3-033-01464-0; P460-470.

Comparison between the long term application effect of an electromagnetic BEMER-field and an electro magnetic BEMER plus-field on the change of characteristics within the superficial microvessels network in the subcutis in 2 different depths of tissue (3mm/8mm) of geriatric patients with high cardio - vascular risk. *Klopp R*

P502-508.

Effective support of conventional treatment by complementary application of an appropriate alternating electro magnetic field with a special vasomotion stimulating pulse (BEMER plus) in postsurgery (physiotherapeutic) treatment and care of geriatric rehabilitating patients over 4 weeks. *Klopp R*

P510-517.

Effective support by complementary application of an appropriate alternating electromagnetic field with a special vasomotion stimulating pulse in patients suffering from diabetic polyneuropathy over a 60 days period. *Klopp R*

P518-520.

Complementary application of an appropriate alternating electromagnetic field with a special vasomotion stimulating pulse in patients suffering from alcoholic fatty liver over a 60 days period. *Klopp R*

P520-523.

Effective support of conventional treatment by complementary application of an appropriate alternating electromagnetic field with a special vasomotion stimulating pulse (BEMER plus) in patients suffering from rheumatoid arthritis over a 60 days period. *Klopp R*

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NOT PubMed Registered - Sorted by Date of Appearance

MIKROZIRKULATION IM FOKUS DER FORSCHUNG (2008); ISBN 978-3-033-01464-0; P525-529.

Comparison between the application effect of an appropriate alternating electromagnetic field with a special vasomotion stimulating pulse (BEMER plus) and an appropriate alternating electromagnetic field with a special vasomotion stimulating pulse (BEMER plus) in combination with soft laser related light therapy on the superficial microvessels network within the subcutis (forehead). *Klopp R*

KOMPLEMENT.INTEGR.MED. 08(2007) 47-53.

The effect of a pulsed electromagnetic field with special vasomotoric stimulation on a restricted function of the microcirculation. *Klopp R, Niemer W*

HUNGARIAN REVIEW OF SPORTS MEDICINE (2007); 47/2-3.

The effect of magnetic treatment on the physical fitness and certain exercise-physiological parameters of athletes. *Malomsoki J, Babindak E*

XXIX FIMS WORLD CONGRESS OF SPORTS MEDICINE (2006), JUNE 14-16, BEIJING, CHINA.

Therapeutic effect of electromagnetic stimulation with Bemer 3000 type pulse on patients with low back pain: doubleblind, randomized, placebo-controlled duo center study. *Bernatzky G*

IN KOCHUEVA E (ED): ACHIEVEMENTS IN SPACE MEDICINE INTO HEALTH CARE PRACTICE AND INDUSTRY 3RD EUROPEAN PRAXIS MATURED CONGRESS (2006) ISBN 3-00-018475-9.

The Bemer 3000 - therapie: A new complementary "electro-magnetic drug" effectively supports widespread scattered prophylactic and therapeutic treatments. *Kafka WA*

IN BERNATZKY G, LIKAR R, AUSSERWINKLER M, WENDTNER F, SITTL R (EDS): NICHTMEDIKAMENTÖSE SCHMERZTHERAPIE: KOMPLEMENTÄRMETHODEN (2006); SPRINGER VERLAG, ISBN 978-3-221-33547-5, PP 299-317.

Bio-electro-magnetic-energy-regulation (bemer): A physical conception and its use to treat pain causing disorders. *Kafka WA*

MIKAEL BÄCKMAN, 2004, ALIR FÖRLAG; WWW.ALIR.NU/MEDICIN.

Hyperacusis treatment with a combination of pulsed electromagnetic field, anti-oxidants and low intensity laser light – a clinical study. *Bäckman M*

HAUG VERLAG, STUTTGART (THIEME VERLAGSGRUPPE) (2004) ISBN 3-8304-7199-8 (2004) 1-130.

Energy and health: BEMER 3000 Bio-Electro-Magnetic-Energy-Regulation according to Prof. Dr. Wolf A. Kafka. *Bohn W, Kafka WA*

INT. JOURNAL OF REHABILITATION RESEARCH (EFRR) (2004), ISSN 0342-5282, 27,1, 144 (SHORT COM).

The influence of extremely weak pulsed electromagnetic field typed Bemer 3000 on ratings of perceived exertion (RPE) at ventilatory threshold. *Spodaryk K, Kafka WA*

REPORT SAMET KONGRESS MÄRZ 2004, INTERLAKEN.

The effect of the BEMER 3000 electromagnetic field on the growth of the experimental EL 4T cell lymphoma in mice. *Rihova B*

PUBLICATIONS

NOT PubMed Registered - Sorted by Date of Appearance

<p>DEGREE DISSERTATION IN THE FRAMEWORK OF DTLG 1 ELITE 02/03, EHSM MAGGLINGEN(CH). Reduction of regeneration time in elite sports by means of the change of Creatinkinase (CK)-elimination chart by application of BEMER 3000 therapy according to Prof. Dr. W.A.Kafka. <i>Möbes K</i></p>	<p>ÖSTERREICHISCHE GESELLSCHAFT DER TIERÄRZTE (ÖGT) KLEINTIERTAGE-DERMATOLOGIE 02.-03 MÄRZ 2002, EDWIN GANSTER (EDITOR); SALZBURG CONGRESS. Improved wound healing from combined BEMER 3000 type pulsed electromagnetic field and LED-light therapy using the example of comparative study of standardized wounds in case of ovariectomy in cats (felidae). <i>Kafka WA und Preißinger M</i></p>
<p>REPORT 1. BEMER MEDICAL EVENT SWITZERLAND, GEROLDSWIL (2003). The effect of Bemer 3000 – therapy on the elimination of creatinkinase (CK) after very hard muscle exercise. <i>Villiger B</i></p>	<p>REPORT 3RD INT. SYMPOSIUM ON BIOELECTROMAGNETIC ENERGY REGULATION (2002), BAD-WINDSHEIM, GERMANY. The electromagnetic BEMER 3000 signal modifies response to teratogens. <i>Jelínek R, Bláha J and Dbalý Jaroslav</i></p>
<p>FIZOTERAPIA, (2003) 11,3, 24-31, ISSN 1230-8323. Effects of extremely weak BEMER 3000 type pulsed electromagnetic fields on red blood metabolism and hemoglobin oxygen affinity. <i>Kafka WA, Spodaryk K</i></p>	<p>CHARLES UNIVERSITY, 3RD FACULTY OF MEDICINE, RUSKÁ 88, CZ-100 00 PRAGUE; IN: EMPHYSPACE 2 (2001),31-32; 2ND INT. WORLD CONGRESS BIO-ELECTRO-MAGNETIC-ENERGYREGULATION. Magnetic (BEMER) Fields: Stress Proteins and Teratogenesis. <i>Jelinek R</i></p>
<p>10TH INTERNATIONAL DENTAL CONGRESS ON MODERN PAIN CONTROL LFDAS JUNE 2003, EDINBURGH, SCOTLAND. Bemer 3000 Type Pulsed Low-Energy Electromagnetic Fields Reduce Dental Anxiety: A Randomized Placebo-Controlled Single-Blind Study. <i>Michels-Wakili S, Kafka WA</i></p>	<p>IN (E.GANSTER ED): FRUCHTBARKEIT UND NEONATOLOGIE, BAD ALPBACH/TIROL 28-30 SEPTEMBER (2001). Comparative clinical – chemical study to proof the reduction of fertility disorders within a crop of cows by application of spezial (BEMER type) pulsed electromagnetic fields with low intensity. <i>Preißinger M, Kafka WA</i></p>
<p>MEDICINA SPORTIVA 6,(2002),19-25. The effect of extremely weak electromagnetic field treatments upon signs and symptoms of delayed onset of muscle soreness: A placebo controlled clinical double blind study. <i>Spodaryk K</i></p>	