

**V tomto dokumentu najdete seznam studií o fyzikální cévní terapii BEMER, které poskytují ke stažení. Tyto studie mohou být užitečným zdrojem informací především lékařům, zdravotníkům, fyzioterapeutům, sportovcům, trenérům a pro všechny, kteří se zajímají o komplementární nebo sportovní medicínu. Ovšem tento materiál může být přesvědčivým důkazem i pro širokou veřejnost. Lékařům doporučuji projít všech 11 stran, aby našli studie, které se týkají jejich zaměření.**

## Seznam biomedicínských článků a studií týkající se terapie BEMER

### PubMed - odkazy na 12 studií

01. BEMER Therapy Combined with Physiotherapy in Patients with Musculoskeletal Diseases: A Randomised, Controlled Double Blind Follow-Up Pilot Study.  
<http://www.ncbi.nlm.nih.gov/pubmed/26078768> 02.
02. Effects of physical stimulation of spontaneous arteriolar vasomotion on microcirculation and the immune system in diabetes and impaired wound healing  
<http://www.ncbi.nlm.nih.gov/pubmed/24271148>
03. Effectiveness of pentoxifylline and of bio-electromagnetic therapy in lower limb obliterative arterial disease  
<http://www.ncbi.nlm.nih.gov/pubmed/24121220>
04. The effects of the "physical BEMER® vascular therapy", a method for the physical stimulation of the vasomotion of precapillary microvessels in case of impaired microcirculation, on sleep, pain and quality of life of patients with different clinical pictures on the basis of three scientifically validated scales.  
<http://www.ncbi.nlm.nih.gov/pubmed/23940071>
05. 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.  
<http://www.ncbi.nlm.nih.gov/pubmed/24021604>
06. Effects of physical stimulation of spontaneous arteriolar vasomotion in patients of various ages undergoing rehabilitation.  
<http://www.ncbi.nlm.nih.gov/pubmed/24021602>
07. Influence of a specific, biorhythmically defined physical stimulus on deficient vasomotion in small-caliber arterioles in the subcutis in patients with diabetic polyneuropathy.  
<http://www.ncbi.nlm.nih.gov/pubmed/24021603>
08. The technological development history and current significance of the "physical BEMER® vascular therapy" in medicine.  
<http://www.ncbi.nlm.nih.gov/pubmed/24021601>

09. Long-term effects of Bio-Electromagnetic-Energy Regulation therapy on fatigue in patients with multiple sclerosis.  
<http://www.ncbi.nlm.nih.gov/pubmed/22314716>
10. Synergistic effect of EMF-BEMER-type pulsed weak electromagnetic field and HPMA-bound doxorubicin on mouse EL4 T-cell lymphoma.  
<http://www.ncbi.nlm.nih.gov/pubmed/21981636>
11. Effect of BEMER magnetic field therapy on the level of fatigue in patients with multiple sclerosis: a randomized, double-blind controlled trial.  
<http://www.ncbi.nlm.nih.gov/pubmed/19422286>
12. Effects of weak, low-frequency pulsed electromagnetic fields (BEMER type) on gene expression of human mesenchymal stem cells and chondrocytes: an in vitro study.  
<http://www.ncbi.nlm.nih.gov/pubmed/17886005>
- 

### **Další lékařské studie - odkazy na 40 studií**

01. Zahnarztstudie Walter u. Co 2005  
[http://support.bemer.hu/files/downloads/1346413268\\_Zahnarztstudie\\_Walter\\_u.\\_Co\\_2005doc.pdf](http://support.bemer.hu/files/downloads/1346413268_Zahnarztstudie_Walter_u._Co_2005doc.pdf)
02. Walther Gene Expression Abstract Electromagnetic  
[http://support.bemer.hu/files/downloads/1346413268\\_Walther\\_Gene\\_Expression\\_Abstract\\_Electromagnetic.pdf](http://support.bemer.hu/files/downloads/1346413268_Walther_Gene_Expression_Abstract_Electromagnetic.pdf)
03. Studie Stryla ReHa  
[http://support.bemer.hu/files/downloads/1346413269\\_Studie\\_Stryla\\_ReHa.pdf](http://support.bemer.hu/files/downloads/1346413269_Studie_Stryla_ReHa.pdf)
04. Spodaryk-DELAYED ONSET OF MUSCLE SORENESS  
[http://support.bemer.hu/files/downloads/1346413270\\_Spodaryk\\_DELAYED\\_ONSET\\_OF\\_MUSCLE\\_SORENESS\\_0.2\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413270_Spodaryk_DELAYED_ONSET_OF_MUSCLE_SORENESS_0.2_MB.pdf)
05. Szilagyi Tinnitusstudie Ung\_DE  
[http://support.bemer.hu/files/downloads/1346413270\\_Szilagyi\\_Tinnitusstudie\\_Ung\\_DE.pdf](http://support.bemer.hu/files/downloads/1346413270_Szilagyi_Tinnitusstudie_Ung_DE.pdf)
06. Spodaryk\_vent thresh\_Medimond\_Mail mit Deckbl  
[http://support.bemer.hu/files/downloads/1346413271\\_Spodaryk\\_vent\\_thresh\\_Medimond\\_Mail\\_mit\\_Deckbl\\_0.3\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413271_Spodaryk_vent_thresh_Medimond_Mail_mit_Deckbl_0.3_MB.pdf)
07. Spodaryk\_DOMS-Studie  
[http://support.bemer.hu/files/downloads/1346413271\\_Spodaryk\\_DOMS\\_Studie.pdf](http://support.bemer.hu/files/downloads/1346413271_Spodaryk_DOMS_Studie.pdf)
08. Spodaryk-Kafka-RPE-Short  
[http://support.bemer.hu/files/downloads/1346413272\\_Spodaryk\\_Kafka\\_RPE\\_Short\\_com\\_0.7\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413272_Spodaryk_Kafka_RPE_Short_com_0.7_MB.pdf)
09. Rihova Blanka 10-04-06  
[http://support.bemer.hu/files/downloads/1346413274\\_Rihova\\_Blanca\\_10\\_04\\_06\\_.pdf](http://support.bemer.hu/files/downloads/1346413274_Rihova_Blanca_10_04_06_.pdf)
10. Spodaryk-ger-Delayed Onset of Muscle Soreness(DOMS)  
[http://support.bemer.hu/files/downloads/1346413275\\_Spodaryk\\_ger\\_Delayed\\_Onset\\_of\\_Muscle\\_Soreness\\_DOMS\\_0.8\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413275_Spodaryk_ger_Delayed_Onset_of_Muscle_Soreness_DOMS_0.8_MB.pdf)

11. Michels-Wakili-Kafka-Reducing-Dental Anxiety  
[http://support.bemer.hu/files/downloads/1346413278 Michels Wakili Kafka Reducing Dental Anxiety I f das Publ.pdf](http://support.bemer.hu/files/downloads/1346413278_Michels_Wakili_Kafka_Reducing_Dental_Anxiety_I_fdas_Publ.pdf)
12. prof. Rihova-letter  
[http://support.bemer.hu/files/downloads/1346413278 prof. Rihova letter.pdf](http://support.bemer.hu/files/downloads/1346413278_prof._Rihova_letter.pdf)
13. Preissinger-Kafka-ge-Fruchtbarkeitsstörungen von Kühen Bad Alpbach  
[http://support.bemer.hu/files/downloads/1346413294 Preissinger Kafka ge Fruchtbarkeitsst\\_ungen v on K\\_ hen Bad Alpbach 3.2 MB.pdf](http://support.bemer.hu/files/downloads/1346413294_Preissinger_Kafka_ge_Fruchtbarkeitsst_ungen_v on_K_ hen_Bad_Alpbach_3.2_MB.pdf)
14. Malomsoki\_Magneses kezelés  
[http://support.bemer.hu/files/downloads/1346413298 Malomsoki Magneses kezel\\_ s mail\\_3.4 MB.pd f](http://support.bemer.hu/files/downloads/1346413298_Malomsoki_Magneses_kezel_ s_mail_3.4_MB.pd f)
15. Piatkowski MS Studie  
[http://support.bemer.hu/files/downloads/1346413300 Piatkowsky MS Studie.pdf](http://support.bemer.hu/files/downloads/1346413300_Piatkowsky_MS_Studie.pdf)
16. Jelinek-Magnetfelder, Stressproteine und Teratogenese  
[http://support.bemer.hu/files/downloads/1346413304 Jelinek Magnetfelder Stressproteine und Terat ogenese\\_Deuts.pdf](http://support.bemer.hu/files/downloads/1346413304_Jelinek_Magnetfelder_Stressproteine_und_Terat ogenese_Deuts.pdf)
17. Piatkowski Long Term MS  
[http://support.bemer.hu/files/downloads/1346413307 Piatkowski Long Term MS.pdf](http://support.bemer.hu/files/downloads/1346413307_Piatkowski_Long_Term_MS.pdf)
18. Jelínek - Blaha – Dbaly  
[http://support.bemer.hu/files/downloads/1346413313 Jelinek Blaha Dbaly The electromagnetic BEME R\\_3000\\_signal\\_mo.pdf](http://support.bemer.hu/files/downloads/1346413313_Jelinek_Blaha_Dbaly_The_electromagnetic_BEME R_3000_signal_mo.pdf)
19. Jelínek – Embrio  
[http://support.bemer.hu/files/downloads/1346413317 Jelinek Blaha Preconditioning with BEMER allevi ates\\_embryoto.pdf](http://support.bemer.hu/files/downloads/1346413317_Jelinek_Blaha_Preconditioning_with_BEMER_allevi ates_embryoto.pdf)
20. Härtlingstudie 561 P  
[http://support.bemer.hu/files/downloads/1346413318 H\\_ rtlingstudie 561 P.PDF](http://support.bemer.hu/files/downloads/1346413318_H_ rtlingstudie_561_P.PDF)
21. Gutachten-Berlin  
[http://support.bemer.hu/files/downloads/1346413322 Gutachten Berlin.pdf](http://support.bemer.hu/files/downloads/1346413322_Gutachten_Berlin.pdf)
22. Möbes Diplomarbeit\_CK-Wert  
[http://support.bemer.hu/files/downloads/1346413324 M\\_ bes Diplomarbeit CK Wert 7.1 MB.pdf](http://support.bemer.hu/files/downloads/1346413324_M_ bes_Diplomarbeit_CK_Wert_7.1_MB.pdf)
23. Freitag Fibromyalgie-22-05-2002  
[http://support.bemer.hu/files/downloads/1346413325 Freitag Fibromyalgie 22\\_05\\_2002.pdf](http://support.bemer.hu/files/downloads/1346413325_Freitag_Fibromyalgie_22_05_2002.pdf)
24. CK-Wert\_Studie\_Zusammenfassung  
[http://support.bemer.hu/files/downloads/1346413325 CK Wert Studie Zusammenfassung.pdf](http://support.bemer.hu/files/downloads/1346413325_CK_Wert_Studie_Zusammenfassung.pdf)
25. Bernatzky\_FIMS06\_Therapeutic effects  
[http://support.bemer.hu/files/downloads/1346413328 Bernatzky FIMS06 Therapeutic effects 0.1 MB.p df](http://support.bemer.hu/files/downloads/1346413328_Bernatzky_FIMS06_Therapeutic_effects_0.1_MB.p df)
26. Kafka-Preissinger\_Woundhealing-Mail  
[http://support.bemer.hu/files/downloads/1346413328 Kafka Preissinger Woundhealing Mail.pdf](http://support.bemer.hu/files/downloads/1346413328_Kafka_Preissinger_Woundhealing_Mail.pdf)

27. Quittan AMA Klinische Wirksamkeit  
[http://support.bemer.hu/files/downloads/1346413330\\_0831\\_Quittan\\_AMA\\_Klinische\\_Wirksamkeit.pdf](http://support.bemer.hu/files/downloads/1346413330_0831_Quittan_AMA_Klinische_Wirksamkeit.pdf)
28. Jancowicz A-Spodaryk-K-Effect of Bemer pulsed magnetic field on the blood  
[http://support.bemer.hu/files/downloads/1346413330\\_Jancowicz\\_A\\_Spodaryk\\_K\\_Effect\\_of\\_Bemer\\_pulsed\\_magnetic\\_field\\_on\\_the\\_blood\\_2.1\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413330_Jancowicz_A_Spodaryk_K_Effect_of_Bemer_pulsed_magnetic_field_on_the_blood_2.1_MB.pdf)
29. Kafka-Schütze-Walther-hr 7MB  
[http://support.bemer.hu/files/downloads/1346413332\\_Kafka\\_Schütze\\_Walther\\_hr\\_7MB.pdf](http://support.bemer.hu/files/downloads/1346413332_Kafka_Schütze_Walther_hr_7MB.pdf)
30. Markov\_Pulsed electromagnetic Field Therapy  
[http://support.bemer.hu/files/downloads/1346413333\\_0642\\_Markov\\_Pulsed\\_electromagnetic\\_Field\\_Therapy.pdf](http://support.bemer.hu/files/downloads/1346413333_0642_Markov_Pulsed_electromagnetic_Field_Therapy.pdf)
31. Lee Efficacy of PEMT Chronic Lower Back Pain  
[http://support.bemer.hu/files/downloads/1346413334\\_0569\\_Lee\\_Efficacy\\_of\\_PEMT\\_Chronic\\_Lower\\_Back\\_Pain.pdf](http://support.bemer.hu/files/downloads/1346413334_0569_Lee_Efficacy_of_PEMT_Chronic_Lower_Back_Pain.pdf)
32. DiCarlo Myocardial protection  
[http://support.bemer.hu/files/downloads/1346413334\\_0258\\_DiCarlo\\_Myocardial\\_protection.pdf](http://support.bemer.hu/files/downloads/1346413334_0258_DiCarlo_Myocardial_protection.pdf)
33. Publik\_Rihova Blanka 10-04-06 (Manuskript)  
[http://support.bemer.hu/files/downloads/1346413337\\_0140a\\_Publik\\_Rihova\\_Blanca\\_10\\_04\\_06\\_Manuskript\\_.pdf](http://support.bemer.hu/files/downloads/1346413337_0140a_Publik_Rihova_Blanca_10_04_06_Manuskript_.pdf)
34. Rihova-kafka-BEMER  
[http://support.bemer.hu/files/downloads/1346413338\\_0140\\_Rihova\\_kafka\\_BEMER\\_publikace\\_final2\\_confidential.pdf](http://support.bemer.hu/files/downloads/1346413338_0140_Rihova_kafka_BEMER_publikace_final2_confidential.pdf)
35. #0305-Jelinek-Effects of BEMER Electromagnetic Field on the Embryo  
[http://support.bemer.hu/files/downloads/1346413339\\_0305\\_Jelinek\\_Effects\\_of\\_BEMER\\_Electromagnetic\\_Field\\_on\\_the\\_Embryo.pdf](http://support.bemer.hu/files/downloads/1346413339_0305_Jelinek_Effects_of_BEMER_Electromagnetic_Field_on_the_Embryo.pdf)
36. Gabrys-Pulsierende Magnetfeldtherapie bei zytostatisch bedingter Neuropathie-weiss  
[http://support.bemer.hu/files/downloads/1346413340\\_Gabrys\\_Pulsierende\\_Magnetfeldtherapie\\_bei\\_zytostatisch\\_bedingter\\_Neuropathie\\_weiss.pdf](http://support.bemer.hu/files/downloads/1346413340_Gabrys_Pulsierende_Magnetfeldtherapie_bei_zytostatisch_bedingter_Neuropathie_weiss.pdf)
37. Jelinek EMF Stress Prot Teratogen  
[http://support.bemer.hu/files/downloads/1346413349\\_Jelinek\\_EMF\\_Stress\\_Prot\\_Teratogen.pdf](http://support.bemer.hu/files/downloads/1346413349_Jelinek_EMF_Stress_Prot_Teratogen.pdf)
38. Bäckman Hyperacusis treatment  
[http://support.bemer.hu/files/downloads/1346413367\\_Bäckman\\_Hyperacusis\\_treatment\\_19\\_MB.pdf](http://support.bemer.hu/files/downloads/1346413367_Bäckman_Hyperacusis_treatment_19_MB.pdf)
39. búzacsíra tanulmány  
[http://support.bemer.hu/files/downloads/1346414689\\_BEMER\\_AGRO\\_study.pdf](http://support.bemer.hu/files/downloads/1346414689_BEMER_AGRO_study.pdf)
40. Kukorica tanulmány  
[http://support.bemer.hu/files/downloads/1346414689\\_corn\\_study.pdf](http://support.bemer.hu/files/downloads/1346414689_corn_study.pdf)

### **Lékařské kazuistiky maďarských lékařů z oblastí:**

ORL, endokrinologie, diabetologie, rehabilitace, neurologie, traumatologie, dermatologie, oftalmologie, zubního a veterinárního lékařství.

**ENG:** <http://www.mojaskolazivota.sk/bemerterapia/wp-content/uploads/2015/11/Lek%C3%A1rska-kazuistika-2013-v-angli%C4%8D%C5%A5ine-.pdf>

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### **Woundcare**

Independent evaluation of BEMER© physical vascular regulation therapy

[http://www.bemberblog.co.za/uploads/1/1/7/7/11771402/sf\\_woundcarebemer\\_final\\_june2013.pdf](http://www.bemberblog.co.za/uploads/1/1/7/7/11771402/sf_woundcarebemer_final_june2013.pdf)

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### **56 stran studií**

[http://getwellnow.co.za/wp-content/uploads/2014/07/abstracts\\_s.pdf](http://getwellnow.co.za/wp-content/uploads/2014/07/abstracts_s.pdf)

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### **BEMER Research**

Compilation of important scientific studies using BEMER as well as relevant scientific lectures and books to validate product statements

**Note:** The successes documented here refer exclusively to use of the BEMER Therapy System and cannot therefore just be transposed to other magnetic field therapies without question.

### **PDF's for download:**

Academy for Bioenergetic Report

<http://www.fulloflife.co.za/images/pdf/afb-report.pdf>

Paper evaluations submitted to III World Congress

[http://www.fulloflife.co.za/images/pdf/clinical\\_evaluations.pdf](http://www.fulloflife.co.za/images/pdf/clinical_evaluations.pdf)

Antioxidant state of human Erythrocytes

<http://www.fulloflife.co.za/images/pdf/antioxidant%20state%20of%20human%20erythrocytes.pdf>

Magnetic Fields & Stress Proteins

<http://www.fulloflife.co.za/images/pdf/magnetic%20fields%20and%20stress%20proteins.pdf>

Red Blood Cells & Haemoglobin Oxygen

<http://www.fulloflife.co.za/images/pdf/red%20blood%20cells%20and%20haemoglobin%20oxygen%20affinity.pdf>

Medical User Study

<http://www.fulloflife.co.za/images/pdf/medical%20user%20study.pdf>

BEMER - Industry leader

<http://www.fulloflife.co.za/images/pdf/BEMER%20Superiority.pdf>

Microcirculation

<http://www.fulloflife.co.za/images/pdf/Microcirculation.pdf>

Swiss Olympic Partner

<http://www.fulloflife.co.za/images/pdf/Swiss%20Olympic.pdf>

BEMER Overview

<http://www.fulloflife.co.za/images/pdf/BEMER%20Overview.pdf>

Ventilatory Threshold

<http://www.fulloflife.co.za/images/pdf/ventilatorythreshold.pdf>

Swiss Medical Tribune Report

<http://www.fulloflife.co.za/images/pdf/MedicalTribune%20-%20Swiss.pdf>

CreatineKinase

<http://www.fulloflife.co.za/images/pdf/creatinekinase.pdf>

Delayed Onset Of Muscle Soreness

<http://www.fulloflife.co.za/images/pdf/delayed%20onset%20of%20muscle%20soreness.pdf>

National Library of Medicine

<http://www.fulloflife.co.za/images/pdf/national%20library%20of%20medicine.pdf>

Emphyspace report

<http://www.fulloflife.co.za/images/pdf/emphyspace%20report.pdf>

### Seznam publikovaných studií

**Bäckman M (2004)** Hyperacusis treatment (Tinnitus) with a combination of pulsed electro-magnetic field anti-oxidants and Low Level Laser light – a clinical study. **Mikael Bäckman, 2004,ALIR Förlag**  
[www.alir.nu/medicin](http://www.alir.nu/medicin)

**Summary:** The treatment of hyperacusis (Tinnitus) with the described combination is beneficial. Tinnitus symptoms were found to be reduced and eliminated with the therapy. The positive results are clear and obvious.

**Bernatzky G (2006)** Therapeutic effect of electro-magnetic stimulation with BEMER3000™ type pulse on patients with low back pain: double blind, randomized, placebo-controlled duo center study. **XXIX FIMS World Congress of Sports Medicine, June 14-16, 2006 Beijing, China**

**Summary:** The use of this method for treatment of patients with low back pain is recommended because the effectiveness of standardized programs for rehabilitation is improved.

**Bohn W, Kafka WA (2004)** Energie und Gesundheit: BEMER 3000 Bio-Electro-Magnetic-Energy-Regulation according to Prof. Dr. Wolf A. Kafka. **Haug Verlag, Stuttgart (Thieme Verlagsgruppe) ISBN 3-8304-7199-8 (2004) 1-130.**

**Summary:** Description of the physical and physiological basics of BEMER – application and its use to treat diseases in main indications of medicine

**Jelinek R (2001)** Magnetic (BEMER) Fields: Stress Proteins and Teratogenesis. **Charles University, 3rd Faculty of Medicine, Ruská 87, CZ-100 00 Prague; In: Wolf A Kafka (editor) 2nd Int. World Congress Bio-Electro-Magnetic-Energy-Regulation, Emphyspace 2,31-32.**

**Summary:** The pretreatment with BEMER – Therapy protects chicken embryos from damage of cyclophosphamid (Endoxan)

**Jelínek R, Bláha J and Dbalý Jaroslav (2002)** The electro-magnetic BEMER3000 signal modifies response to teratogens. **Report 3 rd Int. Symposium on Bioelectro-magnetic Energy Regulation, Bad-Windsheim, Germany**

**Summary:** Repeat and confirmation the results of the study in 2001 (v.s.)

**Gabrys M (2004)** Pulsed magnetic fields in treatment of cytostatic poly-neuropathy. **Deutsche Zeitschrift für Onkologie 36/154-156**

**Summary:** Use of pulsed magnetic fields (BEMER3000) significantly alleviates poly-neuropathic side effects of oncological treatment.

**Kafka WA und Preißinger M (2002)** Improved wound healing from combined BEMER3000 type pulsed electro-magnetic field and LED-light therapy using the example of comparative study of standardized wounds in case of ovariostomy in cats (felidae). **In: Edwin Ganster (editor) Österreichische Gesellschaft der Tierärzte (ÖGT) Kleintiertage-Dermatologie 02.-03.März 2002, Salzburg Congress.**

**Summary:** A 2 time treatment of standardized wounds from ovariostomy in cats accelerates the wound healing. The additional use of LED-light improves the process.

**Kafka WA, Schütze N, Walther M (2005)** Application of extreme low frequency (BEMER3000 type) pulsed electro-magnetic fields in orthopaedics. **Orthopädische Praxis 41,1,22-24.**

**Summary:** The application of extreme low frequency (BEMER3000 type) pulsed electro-magnetic fields increases up to 5 times proliferation of osteoblasts. Up and down regulations of protein synthesis.

**Kafka WA, Spodaryk K (2003)** Effects of extremely weak BEMER 3000 type pulsed electro-magnetic fields on red blood metabolism and haemoglobin oxygen affinity. **Fizoterapia, 11,3, 24-31, ISSN 1230-8323**

**Summary:** A daily treatment with BEMER3000 systems over a 3 weeks period affects an 18% ATP increase in red blood cells without any change of haemoglobin-oxygen-affinity.

**Kafka WA (2006)** The BEMER3000™- Therapy: A new complementary „electro-magnetic medicine“ effectively supports a wide spectrum of prophylactic and therapeutic treatments. **In Kochueva E (ed): Achievements in space medicine into health care practice and industry 3rd European praxis matured congress Kopie-Druck ISBN 3-00-018475-9 2006 sponsored by ESA,DLR&Pockomoc**

**Summary:** The effective complementary BEMER – application for prophylactic and therapeutic purposes.

**Kafka WA (2006)** Bio-Electro-Magnetic-Energy-Regulation (BEMER): A physical conception and its use to treat pain causing disorders. **In Bernatzky G, Likar R, Ausserwinkler M, Wendtner F, Sittl R (eds): Nichtmedikamentöse Schmerztherapie: Komplementärmethoden; Springer Verlag, ISBN 978-3-211-33547-5 , pp 299-317**

**Summary:** The complementary use of this method for treatment of patients with chronic pain is to recommend because the effectiveness of conventional pain treatment will be additionally improved.

**Klopp R, Niemer W (2007)** The effect of a pulsed electro-magnetic field with special vasomotoric stimulation on a functional disorder in microcirculation. **Komplement.integr.Med. 08(2007) 47-53**

**Summary:** By treatment with BEMER Plus system characteristics of microcirculation become decisively positive changed.

**Klopp R (2008)** Immediate effect of an appropriate alternating electro-magnetic field (BEMER) on the microvessels network in the subcutis and intestinal area. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p421-424**

**Summary:** An appropriate alternating electro-magnetic field (BEMER) effects positive on the circulation of the microvessels network in the subcutis and intestinal area.

**Klopp R (2008)** 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. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p425-431**

**Summary:** Prolonged application time increases the amount of change in characteristics in microcirculation and prolongs the decay, changes of intensity cause different results.

**Klopp R (2008)** The effect of repeated application of an appropriate alternating electro-magnetic field (BEMER) on the microvessels network in the subcutis and intestinal area. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p432-436**

**Summary:** Repeated applications of the BEMER system effects with the second application an increase of change in characteristics in microcirculation but not with the third application.

**Klopp R (2008)** The effect of application of an appropriate alternating electro-magnetic field (BEMER) on the microvessels network in the subcutis and intestinal area in different depth of the tissue. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p436-438**

**Summary:** Increased changes in characteristics in depth of 8 mm than in 3 mm within the tissue.

**Klopp R (2008)** The effect of application of an appropriate alternating electro-magnetic field (BEMER) on stimulation of white blood cells immunological reaction within a representative tissue of immunological activity (gingiva). **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p438-440**

**Summary:** White blood cells effect more adhesive behavior by application of BEMER system

**Klopp R (2008)** The effect of application of an appropriate alternating electro-magnetic field (BEMER) on stimulation of white blood cells immunological reaction within a representative tissue of immunological activity (gingiva) in case of experimental inflammation. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p441-446**

**Summary:** Accelerated healing of an experimental inflammation by application of BEMER system.

**Klopp R (2008)** Comparison between immediate effect of an appropriate alternating electro-magnetic field (BEMER) and an appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse (BEMER Plus) on change of characteristics within the superficial microvessels network in the subcutis of elderly male volunteers. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p454-455**

**Summary:** The change of characteristics is increased by application of BEMER Plus system. The venous oxygen consumption remains unchanged.

**Klopp R (2008)** Comparison between the immediate effect of an appropriate alternating electro-magnetic field (BEMER) and an appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse (BEMER Plus) on 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). **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p456-459**

**Summary:** The application of BEMER Plus System effects more change of characteristics in deeper tissue areas as proofed by application of BEMER System.

**Klopp R (2008);** Comparison between the long term application effect of an appropriate alternating electro-magnetic field (BEMER) and an appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse (BEMER Plus) on 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.

**Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p460-470**

**Summary:** The long term application effects very clear a positive change of the small vessels vasomotion in geriatric patients with high cardio vascular risk.

**Klopp R (2008)** Effective support of conventional treatment by complementary application of 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. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p502-508**

**Summary:** The complementary application of BEMER Plus system increases the success of rehabilitative treatment of geriatric patients.

**Klopp R (2008)** Effective support by complementary application of appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse in patients suffering from diabetic polyneuropathy over a 60 days period. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p510-517**

**Summary:** In case of diseases with considerable disorder of microcirculation the complementary application of BEMER Plus system shows great promise for success.

**Klopp R (2008)** Complementary application of appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse in patients suffering from alcoholic fatty liver over a 60 days period. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p518-520**

**Summary:** The application by BEMER Plus system does not only effect the extraorganic microcirculation but also the microcirculation within the organs like the liver. Additionally intracellular Redox-systems will be stimulated to stabilize oxidative balance.

**Klopp R (2008)** Effective support of conventional treatment by complementary application of appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse (BEMER Plus) in patients suffering from rheumatoid arthritis over a 60 days period. **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p520-523**

**Summary:** Different chronic diseases with only symptomatic treatment possible the conventional clinical therapy is supported effectively by application of BEMER Plus system.

**Klopp R (2008)** Comparison between the application effect of an appropriate alternating electro-magnetic field with a special vasomotion stimulating pulse (BEMER Plus) and an appropriate alternating electro-magnetic 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 (frons). **Mikrozirkulation im Fokus der Forschung; ISBN 978-3-033-01464-0; p525-529**

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