



The BEMER News

Bio Electro Magnetic Energy Regulation

The Dentist and BEMER

Worldwide thousands of Dentists have found the BEMER 3000 to be an invaluable aid to clinical practice. Research has shown it has the potential to improve a wide range of conditions, and science has recently been able to accurately determine the mechanisms by which these healing effects occur. For the Dentist who is presented with a wide range of clinical problems, the non invasive nature makes application simple as an adjunct to their dentistry, and even as a monotherapy.

Most Dentists apply BEMERtherapy before their dentistry to reduce patient anxiety. Patient anxiety is a major problem affecting the dentist-patient relationship. Increased visits and unnecessarily drawn-out procedures, as well as the associated increased costs, are a

direct result of patient anxiety during dental procedures. BEMERtherapy affects vegetative regula-

"Patient anxiety is a major concern affecting the dentist-patient Relationship"

tion processes in addition to circulatory parameters. After surgery it is used to activate changes in skeletal muscle metabolism by increasing ATP synthesis of red blood cells and improving the haemoglobin-oxygen affinity.

Soft tissue injuries:

Research has shown that its effectiveness is not through heat production, as is the case with some modern treatments - but

at the cellular level. It has long been established that electromagnetic fields can influence ATP (*Adenosine Tri-phosphate*) production; increase the supply of oxygen and nutrients via the vascular system; improve the removal of waste via the lymphatic system; and help to re-balance the distribution of ions across the cell membrane. Healthy cells in tissue have a membrane potential difference between the inner and outer membrane. This causes a steady flow of ions through its pores. In a damaged cell the potential is raised and an increased sodium inflow occurs. As a result, interstitial fluid is attracted to the area, resulting in swell-

BEMER atop Kilimanjaro!

Most Bemer users would not dream of leaving there unit at home when traveling abroad. But tackling a mountain in Africa? Logic says that's when you would need it most!

Does the **BEMER 3000** still have an influence at a such a

height above sea level? The answer is obviously yes, as this technology was originally designed for the outer space lunar missions to keep the astronauts healthy by preventing osteoporosis, still one of it's main beneficial effects today. An electromagnetic field can work anywhere—through lead, even in a vacuum.

An ascent of the 5'895 meter Kilimanjaro took place in January 2004. The BEMER team suggested to extreme athletes Elizabeth (55) and Adrian Bachmann (56) that they take along a BEMER 3000 control panel, pillow unit, charger and three rechargeable batteries each.

"the BEMER proved to be indestructible"

The result? "The BEMER was just the best thing we could have done! We had no problems, felt strong throughout and recovered quickly from every day's exertion.

The BEMER proved to be indestructible. A single rechargeable battery lasted the entire expedition - over 30 double uses. The special BEMER user program designed for our needs was absolutely effective and we did not have to supplement it at all"



◀ Elizabeth Bachmann at 4 750m

the Dentist and BEMER ...

ing and oedema. The application of PEMFT to damaged cells accelerates the re-establishment of normal potentials (*Spodaryk*) dramatically increasing the rate of healing, and reducing swelling. Reduced pain sensation is due to metabolic processes in the tissue and/or activation of the endogen Opiad system of the body (*Spodaryk*)

Dr. Michels-Wakili and Prof Dr. Kafka conducted a quantitative, randomized, placebo-controlled, double blind GCP compliant clinical study to observe whether a BEMER 3000-type pulsed electromagnetic field could reduce the number and duration of patient anxiety incidents prior to dental procedures, and was presented at the **10th International Dental Congress on Modern Pain Control IFDAS June 2003, Edinburgh, Scotland:**

Methods: Ninety patients ranging in age from 18-69 years were randomly assigned to a treatment group (n=60) or a placebo group (n=30). The patients came to the dentist's office for a variety of procedures representing everything from routine check-ups to extractions, fillings, and oral surgery. BE-

MER 3000 electromagnetic field therapy was applied to the solar plexus of each patient for 6 min-

"...patients experienced a reduction in systolic and diastolic blood pressure as well as heart rate, and reported reduced levels of anxiety"

utes using an intensive applicator with mid-range flux density. Each patient filled out a questionnaire identical to the first part of the validated Spiegelberger trait-state anxiety model prior to the application and 30 minutes after application. Each patient's blood pressure and pulse was also recorded at these times as additional anxiety-related circulatory parameters.

Results: The group treated with BEMER 3000 electromagnetic field therapy experienced a reduction in systolic and diastolic blood pressure as well as heart rate, and reported reduced levels of

anxiety on the questionnaire. These are key factors supporting the possibility that vegetative reactions occurred as a result of BEMER 3000 electromagnetic field therapy. The differences between the treatment and placebo groups were highly significant (p = 0.01). The control group also experienced reductions in blood pressure and heart rate, but those changes were not significant.

Conclusion:

Michels-Wakili and Kafka determined that the reductions in blood pressure and heart rate, which are key factors for possible vegetative reactions to BEMER 3000 electromagnetic field therapy, were definitively shown to have occurred in a GCP-compliant clinical study. The immediate reactions observed are a result of BEMER 3000 electromagnetic field therapy. It is true that the control group also experienced reductions in blood pressure and heart rate, probably due to the effect of medical supervision, but those changes were not significant.

Practitioner snapshot

SHARRON MACKISON —Chatswood, NSW

Dip. Clinical Hypnotherapy, Dip. Couns, Reiki Master and Practitioner, ASCH, RAPMA

Sharron has operated a fulltime practice since 1993 offering Clinical Hypnotherapy, Reiki treatments and, Reiki classes. She is also a professional supervisor for the Australian Society of Clinical Hypnotherapists.

Sharron has been involved in a national project to set standards for the Reiki treatment industry. Inspired by the compelling scientific evidence for the therapeutic value of energy therapies, the category to which both Reiki and Pulsed Electro Magnetic Field Therapy (PEMFT) belong, she has recently added BEMER technology to her Complementary Therapy "toolkit". Sharron is delighted to provide BEMER therapy for those who choose this support for their healing and wellbeing.

Call Sharron at the Wellspring Clinic, suite 201A, 3-9 Spring Street, Chatswood on 02 9413 3529

BEMER Team member

Orlando Khawly - CPA, Finance Director, Innomed Bemer Clinics Pty Ltd.

Orlando has more than 13 years of extensive experience in the areas of finance, commerce and taxation including expatriations both interstate and overseas for a large multinational.

He is currently in Public Practice, operates an import/export business and is involved extensively in the management and growth of many successful businesses.

After injuring his ribs in a footy match, Orlando used the BEMER3000 and was astounded by the resulting reduction in the pain he was experiencing. Convinced after just one use, he ordered his own BEMER and became a staunch BEMER advocate.

He is a founding member of Innomed Bemer Clinics Pty Ltd.



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***Sincere regards from the
BEMERclinics team***

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"Your Signal of Good Health!"