



Pulsating Biomagnetic Field Generator

APPLICATION

OF BIOELECTROMAGNETIC (BEM) FIELD

The following institutions and experts were involved in examining the influence of the bioelectromagnetic field to the living world and human, as well as properties of the pulsating electric magnetic field of devices:

- ✓ University Clinic Belgrade
- ✓ Medical Faculty Novi Sad
- ✓ Institute for Preventive Medical Protection Zagreb
- ✓ University Clinic Ljubljana
- ✓ Health Center Celje
- ✓ Veterinary Faculty Belgrade

Experts from these institutions are creditable for their expertise and objectivity contributed to the affirmation of the new scientific thought – **BIOELECTROMAGNETISM – BEM** and its application through therapy, in removal of health issues of humans and their recovery.

BELMAG (**B**io**E**lectro**M**agnetism) product was produced from their best experiences:

- ❖ Academician Prof. Dr. Antonije Skokljev MD, oral surgeon – acupuncture specialist, World Health Organization consultant
- ❖ Dr. Sci. Radmila Stojkovski, MD, Medicine of Work Specialist, acupuncture specialist
- ❖ Colonel Dr. Mihajlo Radovanovic, dermal venereology specialist
- ❖ Colonel Dr. Radovan Troter, epidemiologist specialist
- ❖ Dr. Slavko Bokan, Medicine of Work Specialist, acupuncture specialist
- ❖ Dr. Trajan Cosevski, neurologist and psychiatrist specialist
- ❖ Dr. Branislav Katic, otolaryngologist specialist
- ❖ Dr. Dusan Bjelajac, pulmonologist
- ❖ Dr. Branko Meznar, Internal specialist, pulmonologist and allergy specialist
- ❖ Mr. Sci. Milos Kosanovic, MD, orthopedic specialist
- ❖ Prof. Dr. Sci. Dragan Manojlovic, endocrinologist specialist
- ❖ Dr. Branko Nesovic, surgeon specialist
- ❖ Prim. Dr. Deze Sep, physician specialist
- ❖ Prof. Dr. Sci. Predrag Djordjevic, cardio vascular surgery specialist
- ❖ Prof. Dr. Sci. Olga Popovic – Mladenovic, physician

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Magnetic Energy is in the Structure of Forces of the Universe

Earth's magnetic field is the dominant force for the life on Earth, so the magnetic energy of our planet is responsible for the natural bio rhythm of our lives.

The significance of aforementioned was first noticed during the space explorations in 1960-ies. Astronauts that spent a significant amount of time outside the Earth's magnetic field returned with symptoms of psychiatric disorders. Life on the planet Earth is increasingly characterized by the dangerous influence of adverse environment (disturbed external natural magnetic field). Under such influences the organism (inner field) of the human produces responses with different physical and mental disorders (diseases).

Effects of living and working in concrete and steel environment separate us even more from the influence of Earth's magnetic energy. Cars, trams, airplanes and other transport means as well as other ways of development of top technologies deprive us from the important natural magnetism of the Earth.

Reduction of open space, living high above the surface of the sea on concrete and asphalt surface and reduction of water surfaces contributes to the lack of conductivity of magnetic field and creation of lack of magnetic energy syndrome, and it is manifested through the following descriptions of determined conditions (**Prof. Dr. Sci. Kyoichi Nakagawa**):

1. Back pain
2. Lumbago
3. Chest pain for no apparent reason
4. Frequent headaches
5. Heaviness in the head
6. Vertigo
7. Insomnia for unknown reasons
8. Frequent constipations
9. Fatigue
10. Increased blood pressure and digestion tract diseases
11. Diabetes
12. Bone and nerve diseases
13. Treatment resistance syndrome
14. Disease without objective pathological findings

Symptoms of lack of magnetic energy are manifested in the form of: fatigue, reduction of immunity, tension of neck and shoulders, muscle pain, reduced concentration, headache, digestive and circulation problems, depression and can be similar to a number of chronic conditions such as chronic fatigue and allergies.

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It is well known that the magnetic field of low frequency changes the electric potential of the live cell and increases the permeability of its membrane, enabling better transport of necessary matters and drugs into the cell.

Inner field (which is the product of the living organism) is different from the **external field** (which is the product of outer source outside the body). External field can be natural, such as Earth magnetic field or artificially created with special devices, such as **BELMAG**.

Also, it was discovered that the external oscillating non-ionizing electromagnetic field (EM) of low frequency (ELF) can have strong biological effects that can improve the state of the inner biological field (Becker and Marino, 1982; Brighton and Pollack, 1991).

*This discovery is the foundation of the creation and application of the science **BIOELECTROMAGNETISM*** (BEM) that is still not recognized by the conventional medicine.*

BEM is an extraordinary science that is in mutual interaction with electromagnetic field.

Therefore, **health represents a balance of positive and negative energy** described in traditional Chinese medicine as **Yin and Yang**, and in Western physiology as **simpatico and para simpatico**. It is frequently disputed by the conservative official medical circles and it is known as the **alternative medicine**.

From the viewpoint of **BEM** health is defined with each cell in the organism that has its own oscillation frequency. Disease on the other hand represents disorders in oscillation. Application of external **BEM** field on the lowest level is based on return of the cells into the normal vibrations.

It is confirmed that the men and animals are very sensitive towards electromagnetic fields with extreme low frequencies (ELF). All living creatures have biological electromagnetic field and emit waves in ELF frequency range.

Electric phenomenon is found in all living organisms.

Positive effects of appropriate usage of the BEM field in medicine can be defined as 5 basic principles:

1. Increased delivery of oxygen and nutrients with increased blood circulation
2. Influence to pH value that is often disturbed in sick tissues
3. Positive acceleration of calcium ion movement that shortens healing time in treatment of nerve tissues and bones by at least 50% of necessary time
4. Influence the productivity of certain hormones with different endocrine glands

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5. Stimulation and increase of enzyme activity, as well as other physiological processes connected to it

OWING TO MODERN ELECTRONIC DEVICES IT IS POSSIBLE WITH LARGE PRECISION TO MEASURE PHENOMENONS APPEARING IN THE LIVING ORGANISM, SO MODERN MEDICINE DEPENDS ON HIGH TECHNOLOGY PROCEDURES SUCH AS **EKG** (ELECTRIC CARDIO GRAPH), **EEG** (ELECTRIC ENCEPHALO GRAPHY), **EMG** (ELECTRO MIO GRAPHY) AND THEY RECORD ELECTRIC ACTIVITY OF THE HEART (EKG), BRAIN (EEG) AND MUSCLES OF THE SCELET (EMG) WITH HUMANS. IF ELECTROMAGNETIC ENERGY WOULD NOT EXIST IN THE BODY, SUCH TESTS WOULD BE IMPOSSIBLE.

BELMAG DEVICE APPLICATION

BELMAG is the device emitting non-ionizing pulsating magnetic field of low frequency. It activates own potentials of the body naturally and stimulates self-regulation of the organism.

It supports detoxification of the organism and aids in elimination of surplus of energy, exhaustion, nervousness, lack of concentration, insomnia and meteropathy.

It is also used as a prevention to return the "biological balance" by stimulating the stabilization and harmonization of the vegetative nervous system. This is done by setting the device near Plexus Solaris or approximately 10 cm below the belly button (image at the end).

BELMAG is set on appropriate part of the body we wish to treat, as close to the pain source as possible, if there is one. The device acts in the radius of up to 50 cm. If blood pressure is disturbed, set the device on Plexus Solaris.

BELMAG does not cure. It balances the energy of the body, metabolism and polarity, providing the biological system with the chance to heal itself with appropriate nutrition.

It is of small dimensions and can be carried, and used during work or rest:

- Frequency selection is individual
- **Low frequencies are appropriate for** relaxation and sedation
- **High frequencies are appropriate for** stimulation
- The device is set near the pain source, but not over 50 cm
- **Consult physician before usage**

Individual treatment with pulsating magnetic field SHOULD NOT be used by: pregnant women, persons with pace-makers or other metal implants, person suffered acute infarction of the myocardia and with severe physical disease. Also, therapy of

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frequency below 5 Hz should not be applied by drivers during driving of the motor vehicle and workers during machine handling.

With this device BEM field can be used as the only and/or additional therapy.

It is determined that the daily usage of device at the frequency of **8-12 Hz** significantly increases the perception of all healthy humans and increases mental capabilities. It is not strange then that this and similar devices are daily used worldwide by politicians, bankers, top athletes, professional soldiers and respected businessmen as per recommendation of their physicians.

Recent positive experience with more than 70% of success provides the following useful recommended values of frequencies that were proven most efficient for the following conditions:

Number	ORGAN AND BODY PART STATE	TREATMENT (Hz)	
		DAY	NIGHT
1	NECK, SHOULDERS, ARMS		
	Neck pain	15-20	2-10
	Shoulder pain		
	Forearm, elbow (tennis elbow) pain		
2	CHEST, SPINE		
	Pain in chest and neck	15-20	2-10
	Spinal pain		
	Lumbago, Sciatica		
	Rib muscle inflammation	15	2-10
3	HEAD		
	Headache, migraine	10-15	2-10
	Neuralgia Trigemina	15-20	2-10
	Peripheral Paresis Facialis	22.5	2-10
4	HEART		
	Tachycardia and chest and heart pain	8-8.5	2-8.5
	Low blood pressure	20-24	2-10
	High blood pressure	6.5-10	2-10
	Arterial and vein circulation disturbances	12	2-10
	Different swelling	10	2-10
	Lymph flow disturbances	12	2-10
5	NERVOUS SYSTEM		
	Muscle spasm, nerve inflammation	20	2-10
	Neurosis	5-8.5	2-8.5
	Psychosomatic syndrome	22.5	2-10
	Nerve vegetative dystonia with Sympatico tonus	5-10	2-10
	Vertigo	10-15	2-10
	Insomnia	5-8.5	2-8.5
	Climax		

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	Sensitivity to weather change	3-8.5	2-8.5
	Stress	2-8.5	2-8.5
	Anxiety		
	Bioenergy revitalization in the organism	24	2-10
	Organism resistance increase	15-24	2-10
6	LUNGS		
	Asthma, Bronchitis	10-15	2-10
7	STOMACH		
	Stomach pain	10	2-10
8	UROGENITAL ORGANS		
	Prostate inflammation	5-8.5	2-8.5
	Sexual disorder	12-15	10-12
	Night wetting	3-5	2-5
	Painful periods	12	2-10
9	RHEUMATIC DISEASES		
	Hip pain, ankle pain	15-20	2-10
	Joint and muscle rheumatic inflammation	10-15	2-10
10	SKIN AND BONE AND JOINT INJURIES		
	Skin allergies	10-15	2-10
	Decubitus, ulcers		
	Wound healing		
	Fractures and sports injuries	24	2-10
	Fracture healing	12-15	10-12
	Post-operative treatment with hip and knee prosthesis	15	2-10

*Devices emitting pulsating magnetic field of low frequency are successfully used for a number of years worldwide, and are approved in the entire EU (GUIDELINES RELATING TO THE APPLICATION OF THE COUNCIL DIRECTIVE 93/42/EEC ON MEDICAL DEVICES – Medical Product Laws, Class II b) for pain release, healing of wounds, healing of bones, renewal of the tissues and stimulation of the immune system.

Reactions of individuals can be different. For each disturbance in the organism special individual setting is done regarding frequency. Initial treatment of 8.5 Hz is recommended during the day and 3 Hz during the night. For low blood pressure it should be started with (13-16) Hz and it should be gradually increased. One hour before sleep set device at (2-10) Hz.

In the beginning it is recommended to wear the device through the entire day, increasing the efficiency of its influence.

During the treatment twitches and itching can occur or the feeling of inner vibrations, that is not harmful and disappears after some time.

For maximum results in using BELMAG is it necessary to have accurate diagnosis and set adequate frequency.

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