

THE BRAINMAN[®]-SYSTEM
MAGNETIC FIELD- AND ELECTRIC-STIMULATION
WITH NATURAL FREQUENCIES

Firm A.Wunsch Medical Equipment

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BRAINMAN[®] CES

Cranial Electric-Stimulator

The universal appliance for electric stimulation and magnetic fielding. Handy, precise, with multiple applications. All known physiologic frequencies can be programmed on its back.

This apparatus is the center of the Brainman-System and it serves as controlling device for the extensive palette of its specialized accessories. Its basic equipment outfit enables you to perform targeted and simple treatments of the auditory-acupuncture-system and of the terminal points of the body-acupuncture-system, via its high-value surface electrodes.

The built-in field antenna allows for inconspicuous magnetic fielding which makes it useful in everyday life. The BRAINMAN is small and handy, neatly fitting in every pocket. It fulfills the requirements of the Medical Apparatus Law and has been licensed for its construction. The device can be run with batteries or a storage battery ("Akkus"). Its electric consumption is extremely small.

BRAINMAN[®] automatic N

This appliance also is delivered with surface electrodes and it

has two frequency ranges for choice. They are adaptable to the situation at hand. A built-in timing device turns the apparatus automatically off. The chosen physiologic frequency band is automatically managed in the Resonance-Search-Process. This appliance is also deliverable with field-antenna and Mobil-Clip (version M).

Brainman[®]-Appliances present a biphasic Impulseform
with a high content of Informations

CYBERMAN[®] cosmic a-4k

This is purely a magnetic field stimulator with unique characteristics. Through its "CYBERKEY", the instrument gets programmed to special frequencies of the Alpha-range and, simultaneously, turned on. Each program-key can produce two different frequencies, depending on how it is entered into the program shaft.

All additional service elements are accessible inside of the device. That makes it child's play to service the apparatus. The basic outfit is supplied with a free Cyberkey that has an activating and a calming natural frequency of the alpha-range. Additional program keys with frequencies from the natural spectrum are obtainable as accessories.

The CYBERMAN[®] can be comfortably worn on one's belt, using its special casing-clip, or else, set on a surface or hung on a wall.

Magnetic fielding is a gentle process which simulates the natural frequencies of the earth's magnetic field. It contributes to the harmonization of the body functions. In an environment of artificial magnetic fields, which are considerably stronger than the geo-magnetic

field and not in attunement with our body, this magnetic fielding with physiologic frequencies has proven itself very well.

C E S

BRAINMAN[®] CRANIAL ELECTRO STIMULATOR

HARMONIOUS BIO-CYBERNETIC

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The root of every disease can be traced back to the fact that when the forms of organic responses are constricted, the regulatory capacity gets progressively lost. The cause for regulatory disturbances is the overstressing of pertinent regulatory cycles and links, with the effect that the organism removes itself more and more from homeostasis, until a disease is at last manifested.

Stress predominates in most people of our time. In the industrial countries, coronary circulatory diseases lead the statistics for the cause of death.

Functional (psycho-vegetative) disturbances are among the most frequent disturbances presented to a doctor. They can be seen as preliminary to manifested organic diseases.

The effects of modern technology contribute essentially to the creation of stress:

- the redundance of things coming to a good end constantly diminishes
- the input constantly increases
- it brings possibilities which force us to use them
- muscular work and body motion are becoming minimal
- naturally coherent rhythms are constantly overloaded
- electromagnetic sources of disturbances are increasing strongly.

The last point of this listing deserves special attention because, due to there being no specific sensory organs for these stresses, they fail to be directly noted.

All these influences have in common that their effects increase at such a slow rate that they escape our notice habitually.

All stressors cause in the organism the specific reactionary pattern referred to as stress-reaction.

- by its frequent activation, it develops a regular track; then even the smallest stress can re-activate it.

If homeostasis is to be maintained, each stress-reaction must be followed by a compensatory relaxation reaction.

This relaxation-reaction is physiologic, but in most people neglected. The re-learning of this fundamental form of reaction is the basic pre-condition for maintaining one's health. Health comes about in the organism from the coherence of its sub-structures. The goal of the CES bio-cybernetic intent consists in the improvement of this coherence or harmony.

This occurs through low-energetic stimulation with electromagnetic periodicities of high coherence and redundancy. Thus, the central significance of the CES for the holistic prevention and therapy of nearly all civilization-conditioned health problems and injuries to how one feels is explained.

The most important areas for its application are

- psycho-vegetative disturbances
- pain conditions, drug dependency
- sleep disturbances, depression
- psycho-motoric optimization
- psychosomatic integration
- chronobiological disturbances, disturbances of the circadian rhythm
- application of harmonious frequencies of the "cosmic octave"

How, then, is the treatment actually performed?

The environment has an essential influence on the type of effect which one hopes to achieve; likewise, the inner attitude of the applier (set and setting).

Frequency range and intensity are important parameters for stimulation, which must be established for each application.

The brain shows 4 physiologic frequency bands, which go along with definable modalities of conditions. The first consideration for the establishment of the parameters for application should include the analysis as to which of the frequency bands one wishes to influence.

Frequency bands and their cybernetic functions:

- delta(1) = unconscious processing of informations
- theta(2) = separator between (1) and (3)
- alpha(3) = conscious processing of informations through relaxation
- beta(4) = conscious processing of informations with high external input.

The following physiologic conditions are associated with the corresponding frequency bands (in paren.), whereby the transits are gradual and the assignments are not rigidly differentiated:

- deep sleep, regulation of the vegetative system, unconscious vital regulatory performances, affective-tonus regulation / beta-Lipotrophin system, emotional contents of positive coloring (1).
- REM-sleep, in-depth meditation, neuro-programming, synchronization of hemispheres, visualization, symbol-contemplation, inner processes and emotional control (2).
- relaxation, creativity, synchronization of the hemispheres, low external input, easy and effective learning (3)
- intensity, behavioral- and endocrine automatisms relating

relating to flight or fight, tense alertness, anxiety, high external input, physical performance (4).

The transits between the frequency bands are assigned to certain frequencies, such as $\Delta = 1-3$ Hz, etc.

This arrangement is more or less arbitrarily determined. With alert observation one can note that the frequency bands are easily described in relationship with octaves, such as:

0,5-4 Hz (1); 4-8 Hz (2); 8-16 Hz (3); 16-32 Hz (4).

The Δ range comprises here 3 octaves, the remaining ranges one octave each (octave = half or double the frequency).

Here, a congruence is shown with the octave steps of the sun-tones, which deviate only by a few 100th Hertz from the previously quoted whole-numbered classification (see Table of the sun-tones in the Addendum).

The course of planets/stars causes a natural, extremely slow rhythm/frequencies which stand in harmonious relationship to each other (Law of Kepler). Proceeding by octaves, one reaches a frequency range that is audible (planetary tuningfork), or perceived as color. The information content of their fundamental vibration is not changed thereby.

Whoever wishes to explore the universal law of octaves deeper, can read the books by Hans Cousto (see literary references). Based on the calculations of Cousto, tuning forks have been produced which are used for meditation and the expansion of one's acoustic awareness.

The stimulation with Brainman and the corresponding planetary tuning fork, according to Cousto, yield a synergistic effect. Brainman CES translates the feelable and hearable vibration of the tuningfork

into the language of the brain.

The following Tables facilitate the programming of the frequencies assigned to the 7 chief chacras, according to Cousto, which are transposed into the physiological frequency bands by octaves.

The frequency code C and the modus can be conveniently read and transmitted to the Brainman CES.

Thus, once it is established which frequency band is to be influenced, one tunes in the chosen frequency. It is to be noted in this that the following connection exists for the intensity setting:

- The more precisely the stimulations-frequency coincides with the appropriate individual frequency, the less should the intensity setting be in order to obtain the desired effect (Resonance principle).

Therefore, it is important for empirical self-control to determine the minimal intensity, that is that intensity which brings a just discernible result. Frequencies from the alpha- or beta-range are particularly suitable for this, because the desired effect occurs very quickly. In subsequent sittings you only need to find frequencies which are effective in even lower intensities.

- In the application of "cosmic" frequencies you will notice that for these there are apparently special "channels" so that clearly lesser intensities are needed for the desired effect.

- In order to keep the intensity as low as possible, all metallic parts (except the electrodes) should be removed from the body, because the impulses can affect the acupuncture-meridians, such as by a necklace, etc by a short-circuit (blockage of the informations-flow).

- As much as possible, turn off all electrical appliances in the treatment room from the electric current. Even unobtrusive implements, such as a radio-clock beside the bed, can lead to a considerable electromagnetic stress.

- Remember that the disturbance fields issue not only from the appliances, but also from the line, and that ELF-alternating fields can penetrate unhindered through, e.g. walls. Keep, therefore, the greatest possible distance from all appliances and inlets which cannot be tuned off (e.g. the freezer, the neighbor's T.V.).

Use the sound of the central sun-day (daily sound) and the synodic moon sound in order to counteract the negative influences of the household-power network, (mid-day sound in the 22nd octave = 48,54 Hz, synodic moon-tone in the 27th octave = 52,605 Hz).

Shanti: (On your suggestion, I am omitting the Tables with all the numbers, etc.)

They are followed by:

The BRAINMAN CES unites two bio-cybernetic principles of stimulation in one apparatus:

- high definition electro-stimulation
- "electromagnetic precision tuning fork" for ELF-waves.

If the apparatus is used without electrodes, an internal switch cares for the production of a correspondingly vibrating magnetic field in the selected frequency.

The field-antenna is mounted behind the Brainman-Logo.

ELF-waves (= magnetic alternating fields of extremely low frequency) are able to penetrate most substances nearly unhindered. Consequently, the apparatus can easily be placed under the pillow, or carried in the pocket, and it will cause its effects. When the device is brought near any of the chacras, its effect is increased and thus the intensity can be turned to lower.

Possibilities for the Application of the Brainman CES

- Depression - With the surface electrodes or the field antenna at the thymus point or the solar plexus
Frequency: central sun-day (e.g. 24,273 Hz)
- Aggressiveness:- With point electrodes (aggressions points on the ear)
Frequency: year-sound OM (e.g. 17,012 or 8,506 Hz)
- Alcohol-Dependency: several times daily, as needed, with the surface electrodes possibly evenings (or during the night) with field-antenna
Frequency: year-sound OM (e.g. 17,013 or 8,506 Hz), possibly adding the sound of the Platonic Year (antidepressive)
- Anxiety States: - With surface- or point-electrodes (fear-points on the ear); long-term therapy with field antenna at the Thymus point or on the head
Frequency: year-sound OM (e.g. 17,013 or 8.506 Hz) possibly, sound of the Platonic Year.
- Benzodiazepine - with electrodes, during days and nights, possibly with the dependency field antenna and field inductor at night,
Frequency: year-sound OM, possibly the sound of the Platonic Year in the delta-range
- Depressive - surface- or point electrodes (depression points)
- Disturbances Field antenna for long-term therapy on the Thymus point or the head.
Frequency: Sound of the Platonic Year, possibly the year-sound OM during the day in alpha-range, during the night in the delta range.
- Disturbances - With surface electrodes
of memory Frequency: Saturn (e.g. 18,481 or 9,24 Hz)

- Heroin- dependency - Year-sound OM in the delta range and central sun-day in the gamma range (97,09 Hz) possibly long-term therapy required
- Weakness in concentrating - With surface electrodes or field antenna before or during work / learning, and before tests
Frequency: Saturn (e.g. 18,481 or 9,24 Hz); can add Mercury
(e.g. 17,659 or 8,829 Hz)
- Learning - See Weakness in concentrating
- Menstrual difficulties - Surface electrodes, field antenna in the stressed area.
Field inductor, with its tip ca. 2 fingers' breadth below the navel.
Frequency: synodic moon (e.g. 13,151 or 6,575 Hz)
- Migraine - With surface electrodes, possibly also field antenna
Frequency: 2-4 Hz
- Sleeplessness - With surface- or point-electrodes when going to bed
Field inductor or field antenna for falling asleep and sleeping through - under the pillow during the whole night
Frequency: Year-sound OM or the sound of the Platonic Year in the delta- or theta-range
- Pain conditions - 2-4 Hz with surface electrodes (endorphine stimulation)
antiphlogistic with 10,5 Hz
150-250 Hz 5 HT-associated analgesia
- Stress - daily 20-30 minutes during lunch-time; practice relaxation.
Frequency: Year-sound OM in the alpha range, later also in the theta range
- Dream activation- Frequency: Neptune (e.g. 6,607) with electrodes or Field antenna (long-continued therapy); in this, also conditions of transits between sleep and waking

may occur, in which conscious dreaming is possible

Visualization - For the support of visualization practices

Frequency: Neptune (e.g. 6,607 Hz)

or Jupiter (e.g. 5,737).



The Brainman ©
developed by Alexander
Wunsch

Instruction for the use of the **BRAINMAN** ©

A. Switches, signs and plug

1.On / Off, 2.Intensity (0-450 microA at 10 kOhm), 3.Modus (frequency-area switch), 4.Lightdiode, flickering in the chosen frequency, 5.Plug for electrodes, 6.Four-point-code for calculated and chosen frequency, 7.Batteries, 8.Screwdriver, 9.Frequency-schedule, 10.Brainwave-schedule, 11.Formula to calculate non-listed frequencies, 12. - 13. Official signs of German quality

B. How to attach the electrodes

Take a tiny drop of the special electrode-gel and put it onto the silver side of the earclips. This side of the clips is to be fixed at the front of the user's earlobes. With the little black gumrings at them it is possible to vary the strength of pressure.

C. Intensity and frequency

Look for the wanted frequency in the schedule at the device, or calculate another one of your choice. Choose the necessary "Modus" 1 or 2. With the screwdriver you can change the 4-point-code on the backside to the desired position. Fix the

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plugged earclips at your earlobes as said in "B." and switch on. The left one of the four code-switches enables you to get the numbers 0 to 15: A is 10, B is 11, C is 12, D is 13, E is 14, F is 15. Be always sure to feel the "click" at the right position.

D. Examples

The desired stimulation-frequency might be $f=7,83$ Hz. First look at the schedule on the brainman, where you find the code listed: D O 7 8 (important note: use modus 2!) Now the four code-switches have to be changed to this position with the screwdriver. For the frequency 2,5 Hz you change to code 1280 (in modus 1).

You might wish to try some not-listed frequencies. No problem at all! You simply calculate with the formulas at the frontside of the device in order to get the correct code and modus.

For the working in modus "1" use the formula $3200 : f = C$
for the working in modus "2" use the formula $102\ 400 : f = C$

f means desired frequency
C means Code necessary

In concret this would be for a desired stimulation in 10,6 Hz at modus = "1" $3200 : 10,6 = 301,88$

This is to be cut, so we get C = 0320 to be chosen.

But the real frequency then is $3200 : 302 = 10,596$ Hz.

modus = "2" $102\ 400 : 10,6 = 9660,37$.

This is to be cut as well and now we get C = 9660 to be chosen, what is exactly that what we are looking for $102\ 400 : 9660 = 10,600$ Hz.

E. Which frequency is the best for me ?

This is quite difficult to answer. Because of the complexity of the human organism it is impossible to tell which frequency will be the most effective at this time, for this special feeling you have, in this special cause of pain at that very special part of your body and after that individual story of your own history.

But we can tell you what experience has brought in the last decades. In the following list we report those frequencies being known as effective at some various causes. It is just a recommendation for the beginning:

0,07 Hz - Very good to combine with Hemi-Synch-tapes. Relaxing, balancing.

0,5 Hz - Calming, relaxing and balancing of the Neurotransmitters. Well known as being helpful against headaches and other pain.

2,5 Hz - Quickly relaxing, sleep-help and pain-reduce.

3,5 Hz - Might enable you to learn faster.

4,0 Hz - Enkephaline-stimulation.

6,3 Hz - Speed learning, reading, and increase of memory.

7,5 Hz - Led meditation. Creation of ideas and visual impressions. Useful for musicians, artists and inventors.

7,83 Hz - „Schumann-Resonanz“. The natural electromagnetic resonance of earth's ionosphere. Brainwave-level of natural healers and shamans during the healing-process.

8,3 and 8,5 Hz Frequencies for visual Images.

9,0 Hz - Privileged frequency to become conscious about unbalanced physical situations in the body, finding the reason and the way to rebalance.

10,0 Hz - The optimum frequency in the whole spectrum. If you are not sure which frequency to choose, take this one first! The most people report about reduced pain, giving some new energy for the rest of the day and having a stabilizing effect. Advanced production, metabolism and secretion of serotonin, a neurotransmitter who stimulates a better mood like tea, coffee and chocolate. The Max-Planck-institute found relevant relations at this level between astronomical and biophysical time.

10,2 Hz - Stimulation of catecholamines (Noradrenaline, dopamine, Adrenaline)

10,5 Hz - Healing-frequency for the body (cellular regeneration)

12,0 Hz - Lifted ability for feeling the own center in mind, body and soul.

15,0 Hz - Support against chronic pains.

20,0 Hz - For very tired users. May eventually result in distress.

The „gamma-brainwave-window“ from 32-64 Hz is characterized by increased production of beta-endorphins (responsible for feeling "high" at jogging) Used for care at addicted people (40 Hz) in order to reduce the withdrawal-symptoms. Problem solving in frightening situations - getting a clear mind.

80,0 - 99,99 Hz is a frequency-window where top scores of the neurotransmitter „5-hydroxy-tryptamine“ appear. This is for optimum painkilling in combination with endogenous opiates, that will be produced at the lower delta-frequencies like 0,25 Hz. Soft turn off addiction.

The more you use this instrument, the more you experience the fine tuning of your brain-body-system to the full capacity. It is the modern lifestyle that leads us into

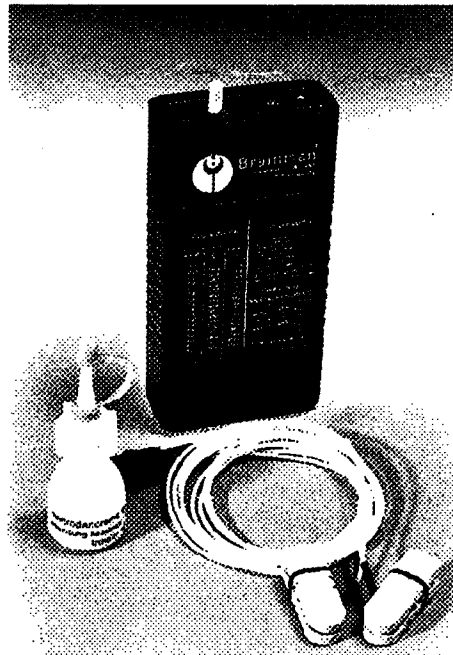
high-stress levels, continuous pains, heart-attacks and sudden headache. Now modern technology is in use for cure. Write down your notes after the use, and soon you will have your individual list.

F. Duration

The time of stimulation should be between 20 and 40 minutes once or twice a day. Daily use for some weeks will improve the benefit. Don't think that this will be at the first time after 5 minutes. We all got used to powerful influences of many different things. Most people had the experience that this fine tuning is getting more effective over time.

G. Desinfection

The Electrodes should be cleaned after the use with warm water. Besides this some alcohol or ordinary desinfection-liquid can be used as well. Never contact the silver electrodes with other metals! Damage may result.



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