

## Electromagnetic Therapy for Pain

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### Summary:

One specialized application of a therapy derived from the field of physics is the treatment of pain by using weak electromagnetic waves to stimulate endorphin production. According to papers presented by C.W. Smith et al, the effect of homeopathic remedies is due to the spectrum of their electromagnetic oscillations and can be enhanced by the simultaneous use of electromagnetic impulses of appropriate frequencies, which can be generated by small battery-operated devices. With regard to treating pain, three frequency ranges are especially relevant: 1. the spectrum of "Schumann waves" in the low frequency range (the characteristic frequencies of the earth's surface and the ionosphere), 2. the higher-frequency "geomagnetic spectrum" (the characteristic frequencies of the earth's magnetic field), and 3. the range of VHF waves (solar radio waves) admitted by the first frequency-window in the earth's atmosphere (the second window admits light).

### Parallels between Homeopathic Remedies and Electromagnetic Impulses

Tests performed on 150 volunteer subjects over the course of 10 years by the English researcher C.W. Smith and allergists J.A. Monro and R.V.S. Choi have demonstrated that the effect of homeopathic medicines is due to the range of their electromagnetic oscillations. Unfortunately, the papers these researchers have presented at international conferences have not yet been published in their entirety, so a brief summary of their work follows.

For his experiments, C.W. Smith chose subjects who were so hyperergic, that even skin contact with the allergen, or often only its close proximity to the

patient, was enough to provoke reactions that were sometimes dramatic (loss of consciousness, severe motor disturbances, pronounced muscular spasms, etc.) The full-strength allergen tincture was diluted homeopathically, but in smaller increments than in an X-potentialization series, i.e. with dilutions of 1:5 rather than 1:10, so that after 35 potentializations Avogadro's number was reached. It became evident that all patients reacted not only to the original tincture but also to certain higher potencies, including some beyond the 15th potentialization. Between these potencies, on the other hand, there were also other, "neutralizing" potencies that cancelled out the negative effects. These differed from patient to patient and even from day to day in the same patient.

Analogous circumstances were revealed when the potentized allergens were replaced by electromagnetic impulses working down on the patients from a height of several meters from a rod antenna with a vertical efficiency of 1. From the patients' position, the power of the signals was in the nanowatt range—so slight as to be barely measurable. Each patient reacted just as strongly to specific frequencies ranging from 1 mHz to 1 GHz) as to his or her allergen. Between these frequencies were neutralizing frequencies analogous to the neutralizing potencies.

When one of the neutralizing frequencies was transmitted to the patient for several seconds and the water then shaken hard for 10 seconds, the water demonstrated the same effect as one of the neutralizing potencies of the allergen and retained this effect for months.

### Therapy Using Electromagnetic Impulses

C.W. Smith's work, which caused quite a furor, also suggests that electromagnetically generated impulses of appropriate frequencies can intensify the effect of homeopathic remedies. In the context of preparing a dissertation at the University of Freiburg from 1993 to

1967, I took extensive readings out in the landscape (naturally occurring environmental radiation) and in animal and human subjects and arrived at results comparable to those of Smith et al. I later continued this work in my own spectroscopy laboratory and was able to determine among other things the characteristic frequencies of different homeopathic remedies, including high potencies. This work, too, has not yet been published in its entirety but has been presented at international conferences.

This method of treatment is limited to cases of chronic or recurrent pain in which the possibility of deeper underlying causes has been eliminated. Examples of this are phantom limb pain, chronic headaches, and rheumatic pain that is usually weather-dependent. The historical development of this therapy is documented in a book by H. Wolf, "Harmonische Schwingungen" ["Harmonic Oscillations"].

The outcome of the studies described above was a small therapeutic device the size of a pack of cigarettes. It is a wireless transmitter that emits a broad range of frequencies reaching into the GHz range. The range of its physiological effect is 30 cm. The device has received the German equivalent of FCC certification and has been granted the European CE mark for compliance with industry standards. It provokes a distinct bodily response.

This therapy has also been tested on patients with pacemakers without negative effects. Using it in combination with homeopathic remedies—for instance, with Hypericum-based medications—has proved especially valuable. As a rule, ten minutes a day of treatment close to the focal point of the pain is sufficient, but therapy can be repeated at ten-minute intervals if needed. As a result, allopathic medication can be reduced significantly. In twenty years of experience with this device, no side effects have been encountered.

The exact mechanism by which the device works has not yet been discovered, since no university research institute is investigating it.

The method presented here uses very weak low and high-frequency electromagnetic waves emitted by a magnetic dipole antenna built into the device. Its field strength is less than that of the earth's magnetic field and in the same range (the so-called  $\gamma$  range) as fluctuations in the earth's magnetic field ("geomagnetic waves"). The high-frequency

impulses are admitted by the atmosphere's first frequency-window. (The second window admits the visible light spectrum.)

The very fact that our atmosphere readily transmits not only visible light but also VHF frequencies suggests that these "solar waves," which are also emitted by the sun, are of significance for life. The third range of frequencies employed in pain therapy is also taken from nature—the characteristic frequencies of the earth's surface and the lower

surface of the ionosphere or Heaviside layer. These frequencies, discovered by W.O. Schumann at the University of Munich, are now called Schumann waves. They resonate with exactly the same frequency as the hippocampus in the mammalian brain.

Each of these three frequency ranges has an analgesic effect when applied separately. The effect is synergistic when they are applied together. Used in combination with tested homeopathic remedies, this therapy achieves a success rate of over 90%.

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### Therapy

For the first three to six months, *M. avium* complex (MAC) is treated with a four-way combination: isoniazid (300 mg), rifampin (600 mg), ethambutol (25 mg/kg of body weight for the first two months, then 15 mg/kg of body weight) and streptomycin.

Unfortunately, *M. avium* and *M. intracellulare* are typically highly or sometimes even totally resistant to standard tuberculostatic drugs. In such

cases, trying out combinations makes it possible to determine the mycobacteria's sensitivity to various drugs and to arrive at a successful treatment. There is no standard therapy.

### Outlook

This article could only touch on a few of the many problems presented by tuberculosis and atypical mycobacteriosis; it would be presumptuous to pretend to deal with such an extensive topic exhaustively. In order to diagnose

an atypical mycobacterial infection, the clinical picture of mycobacteriosis must be present, as well as several isolates of the same germ in sufficiently large colonies in a pure culture. We are not treating lab results, we are treating individuals who are ill.

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