

HOMEOPATHIC POTENCIES IDENTIFIED BY A NEW MAGNETIC RESONANCE METHOD:

Homeopathy—An Energetic Medicine

Karin Lenger, Ph.D.

ABSTRACT

The topic of this article is the detection of magnetic photons in homeopathic potencies. Their electromagnetic properties are proved by a newly developed magnetic resonance method using two different Tesla coils which generate longitudinal waves at distinct resonance frequencies in the HF range at low micro Voltages. When laid into the maximum of the magnetic field, homeopathic high potencies with frequencies being in resonance with those of the coils attenuated the magnetic field. Therefore, it can be concluded that homeopathic potencies consist of magnetic photons. For the first time, the degree of each potency could be measured and characterized by its specific μV input level which separated the photons from their carrier molecule of sugar at their resonance frequency. Homeopathic potencies are magnetic photons with several frequencies in the HF range and with different energies. Until recently, only photons with monochromatic light have been known. For the first time, the resonance method developed in this paper was extended for determining the frequency spectra of homeopathic potencies by exciting them by means of a different peak frequency of their individual spectrum within the HF range. From this it follows that each homeopathic potency must have its specific frequency spectrum and its specific energy, which is the "homeopathic information." According to these results, homeopathy has been put on a fundamental, scientific, physical basis. The functioning of homeopathy can now be explained. Healing by homeopathy obeys the principle of similarity according to Hahnemann: 'the patient has to be treated with that substance which induces the same symptoms that are characteristic for his disease. If a healthy person is treated with the same substance he or she will develop the same symptoms. It is said, an "information" is then transferred to the patient, because there is not any molecule left in high potencies. Based on the results of this paper, it can be stated that healing by homeopathy means exciting or attenuating the level of the energy terms of the pathological pathways by the magnetic photons according to the resonance principle. Therefore, the homeopathic principle of similarity can be reduced to similar resonance frequencies of the remedy and the pathological pathway. Homeopathy is an energetic medicine.

KEYWORDS: Homeopathy, homeopathic frequency spectra, homeopathic potencies, excited states, energy terms, magnetic resonance, longitudinal waves, magnetic photons, Tesla coils

INTRODUCTION

The mystery of homeopathy and its mode of action have not been solved yet. Healing effects are achieved by using substances highly diluted beyond the Loschmidt constant. Between the dilution steps they must be shaken 10 times very strongly up and down. The founder of homeopathy, Samuel Hahnemann (1755-1843), described the preparation of homeopathic remedies. He claimed that healing obeys the principle of similarity: the symptoms of the patient are similar to those of the volunteer who was poisoned by e.g. a venom. The highly diluted and vigorously shaken venom seems to cure the patient by transferring some kind of "information" or a "oscillatory wave."¹ There was no further explanation existing so far.

Many experiments aimed at revealing the function of homeopathy, but all of them remained a fruitless enterprise. Popp claims that all living organisms exist in excited and nonexcited stages following each other by the absorption and emission of biophotons.^{2,3} Then coherence regulates the growing and differentiation of cells by interaction with the electromagnetic fields of the individuum. Therefore, illness, physically explained, can be a state of too much or too less energy. From this he deduced his theory about the function of homeopathy. The way homeopathic healing might function can be described as follows: Solitons or photons with high frequencies excite the basic state or delete too much energy according to the principle of resonance. Until now, no method has allowed to prove this theory.^{2,3} Meyl completed Maxwell's energy-wave-equation which described Hertz transversal waves only, and added potential vortices swinging as longitudinal waves. Both types of waves can change into one another using only low energies. Using Tesla coils, it is possible to generate longitudinal waves by distinct frequencies in the HF range using μ Voltages.⁵ All these facts suppose that the energy of homeopathic potencies probably consists of solitons² or photons, swinging as a longitudinal wave. This can be proved by using Tesla coils with high resonance frequencies in the HF range.

PROCEDURES

All measurements were performed within a Faraday cage (3 x 3 x 12 m; attenuation up to 86 dB of the environmental electromagnetic fields).

By adjusting the resonance frequency, the longitudinal waves were generated only then, when the diode at the receiving coil was energized. If both diodes at the sender and receiving coil are energized, additional Hertz waves are generated.

The electromagnetic fields were measured by using the probe set for E-and H-near-field measurements HZ-14 (9kHz to 1 GHz, Rohde & Schwarz). The electric and the magnetic probes were slowly guided from the edge of the coils to their middle, depending on the polarization of the fields. The spectrum analyzer then showed the corresponding fields of the coils. A support for the glass tubes containing 4 globuli of homeopathic potencies was put into the maximum of the magnetic field, 2-3 cm from the edge of the coil. The used homeopathic potencies of D 200, C 200, D 1000, C 1000 were purchased from DHU (www.dhu.de), of 200 K, MK, XMK, LMK, CMf, neutral sugar globuli and homeopathic potencies of water on sugar globuli of 200K, MK, XMK were purchased from Heel-Belgium (e-mail: info@heel.be). The Spectrum Analyzer was adjusted for measuring first the attenuation of the magnetic fields, then for obtaining the different spectra of homeopathic potencies.

RESULTS

ELECTROMAGNETIC FIELDS OF TESLA COILS

All experiments were performed within a Faraday cage so that waves from the environmental transmitters were extremely attenuated (86 dB) and especially transverse Hertz waves were excluded. Two flat Tesla coils, a transmitter and a receiver coil (Figure 1), with a different number of windings were available only⁵ They generate only longitudinal waves, namely scalar waves, at resonance frequencies of 6.9 MHz and 2.060 MHz respectively, supplied by constant input voltage (μV).⁴ Under these conditions it is not possible to generate Hertz transversal waves. These were the conditions under which Meyl used these coils to transfer energy. Supposing that homeopathic potencies do have electromagnetic fields, I had the idea that high homeopathic potencies could be measured by amplifying or attenuating the transferred energy. First of all the electromagnetic fields of the flat coils had to be investigated. Their fields were

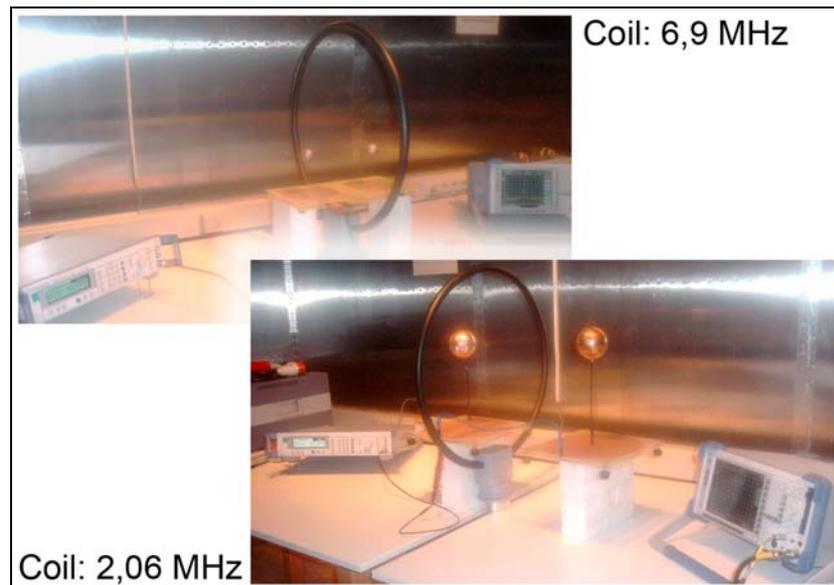


Figure 1. Top: Tesla coils generating longitudinal waves at 6.9 ± 0.1 MHz combined with generator and spectrum analyzer. Bottom: Tesla coils generating longitudinal waves at 2.06 ± 0.1 MHz combined with generator and spectrum analyzer.

induced by a primary coil placed 1 cm below them loosely coupled to each other. The maximum of the magnetic field measured by a near field magnetic probe (Figure 2) is found 2-3 cm from the edge of the coil with an electric field, adjoining to its middle, measured by a near field electric probe. The induced fields differ from the fields of a toroidal coil. Further research into this is still necessary.

ATTENUATING THE MAGNETIC FIELD OF THE TESLA COILS BY HIGH HOMEOPATHIC POTENCIES

At the beginning high homeopathic potencies, such as XMK, LMK and CMf were laid into the electric fields of the transmitter coil. But there was no result. Then the same potencies were put into the maximum of the magnetic field 2-3 cm from the edge of the coil, using the near field magnetic probe. We tested

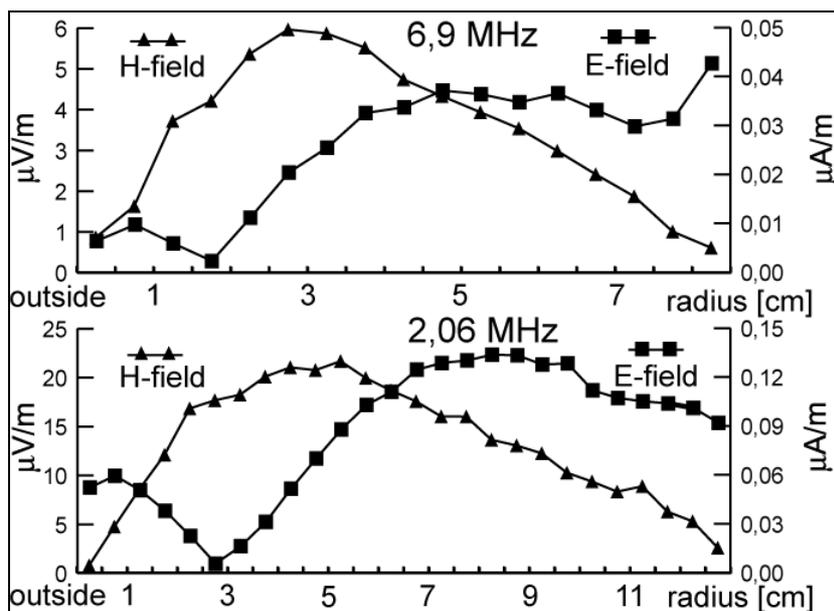


Figure 2. Top: The electric and magnetic field in dependence of the radius (cm) of the Tesla coils generating longitudinal waves at 6.9 ± 0.1 MHz. Bottom: The electric and magnetic field in dependence of the radius (cm) of the Tesla coils generating longitudinal waves at $2.06 \pm$ MHz.

many remedies until there was a reaction registered by the spectrum analyzer. Replacing the near field magnetic probe by a special H-field loop antenna (diameter of 1 m), the magnetic fields of both, the loop antenna and the coils, being in at right angles to each other (Figure 1). The spectrum analyzer measured finally ($\mu\text{A/m}$) that the magnetic fields of the Tesla coils (6.9 MHz) were attenuated by the high potencies of *Argentum metallicum* D 1000, C 1000, MK, XMK, LMK, CMf (Figure 3). The same effect was obtained by using the respective potencies of *Cantharis* (Figure 3) with increasing input μV corresponding to the height of the potencies. *Capsicum* and *Arnica* in LMK, CMf showed values of the sugar placebo globuli, because they do not have any resonance frequencies at 6.9 MHz (Figure 3). Water in high potencies such as XMK showed no effect. Basing on these results, it can be concluded that homeopathic potencies consist of magnetic photons. The homeopathic potencies are completely in resonance with the magnetic field and the longitudinal wave at about 6.9 MHz or 2.06 MHz of the Tesla coils when laying

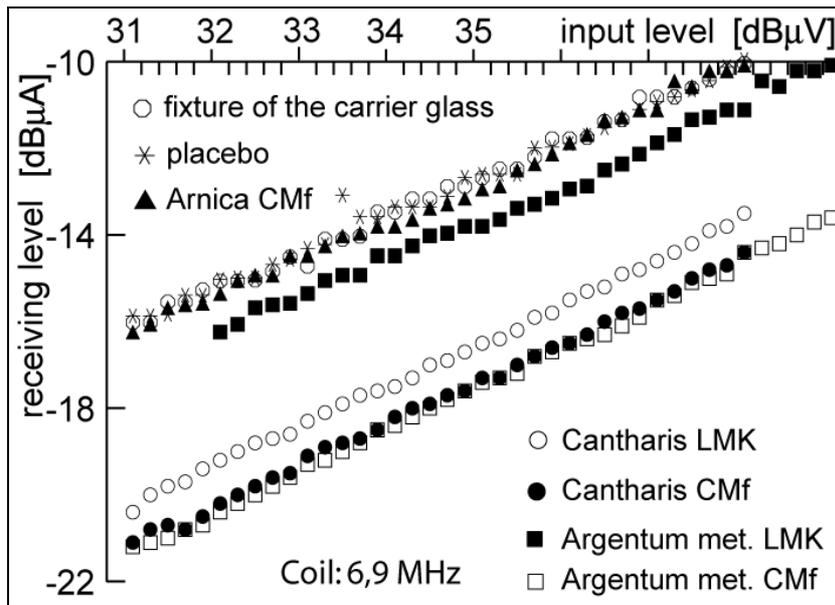


Figure 3. Homeopathic potencies attenuating the current ($\mu\text{A}/\text{m}$) by increasing Voltages at 6.83 MHz.

them into the maximum of the magnetic field of the transmitter coil. Thus, on the basis of our experiments a new magnetic resonance method has been developed for measuring homeopathic potencies.

SEPARATION OF HOMEOPATHIC PHOTONS FROM THEIR CARRIER MOLECULE

For the first time, it was possible to measure the degree of the potency determined by the increasing input voltage (Table I) which separates the homeopathic energy, from the sugar molecule by forming a standing longitudinal wave in the Faraday cage. The loop antenna measured the wave in the cage (Figure 4). The spectrum of the cleared globuli without a photon was identical with that of the placebo (Figure 4). This is a convincing proof for the fact that the globuli were free from any homeopathic potency. It is important to state that the energy level of the spectrum analyzer did not go back to zero value because of the standing wave in the Faraday cage which

Table I

Determination of the degree of different homeopathic potencies which are separated from the globuli by their characteristic input micro voltages (μV).

Degree of potency	200 K	M K	C 1000	D 1000	XM K	LM K	CMf
6.83 MHz resonance-frequency							
Argentum metallic*	9.33	21.38	21.88	19.28	57.54	119.54	501.19
Degree of potency							
	D200/C200						
Cantharis*	30.20	70.79	60.26	69.18	66.07	89.13	190.55
	30.90						
2.06 MHz resonance-frequency							
Bovista*		7.08	7.08		12.59	22.39	56.23
Oxalicum acidum*						31.62	70.79

* Measured in μV

corrupted the measurements of the loop antenna. The door of the cage was left open for about 20 minutes during which the wave dissipated from the cage. Then the analyzer showed white noise again.

ACCURACY OF THE MEASUREMENT

It was calculated that the accuracy of the measurement is expressed as the maximal mean deviation of $\pm 3\%$. This means that all values are exactly reproducible.

DEGREE OF POTENCIES

The separating input voltage depends on the degree of the potency. The force of the magnetic fields binding the photons to the sugar molecules is propor-

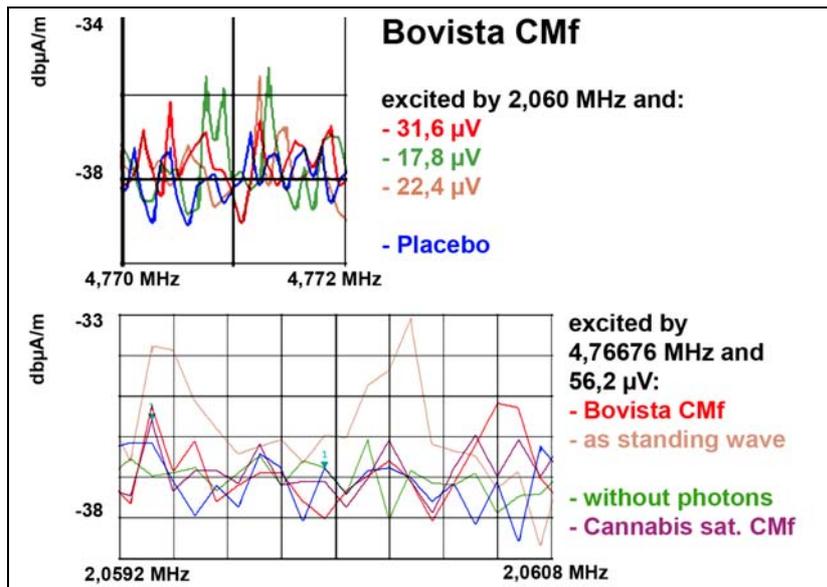


Figure 4. Top: Frequency spectrum(4.770-4.772 MHz) of Bovista CMf, excited by 2.06 MHz, a different resonance frequency of its own spectrum. Bottom: Frequency spectrum (2.0592-2.0608 MHz) of Bovista CW Bovista CMf as a standing wave, of Cannabis sativa CMf and of placebo (sugar globuli) excited by 4.77 MHz, a different resonance frequency of succussed Bovista.

tional to the level of the potency, which is separated by the increasing voltage: lower potencies need lower μV values, higher potencies higher ones. Between them there exists an increasing linearity related to one special remedy (Figure 3, Table I), such as Argentum metallicum from $9.33 \mu V$ to $501.19 \mu V$ (from 200 K to CMf). Cantharis shows the same linearity: from $30.20 \mu V$ to $190.55 \mu V$ (from D 200 to CMf) (Table I). The same does Bovista from $7.08 \mu V$ to $56.23 \mu V$ (from MK to CMf).

Each of the homeopathic remedies is characterized by a specific μV value for detaching the magnetic photons from low to higher potencies. Therefore, it can be followed that in general each homeopathic potency contains a distinct energy level.

IMPORTANCE OF THE NUMBER OF SUCCUSSIONS

Until now some of the homeopaths are sure that C-potencies have the best effect. Others believe in the best healing effect by D-potencies. A third group believes in K-potencies. But the results of our experiments prove that this kind of preference of a specific potency is completely unfounded. The shaking of the K-potencies ten times is performed by machines with random concentrations. The shaking of D and C-potencies 10 times according to Hahnemann¹ is performed by hand with concentration factors of exactly 1:10 (D-potencies) or 1:100 (C-potencies). It is a common belief that potencies shaken by hand might be more effective for healing than potencies shaken by machine. But this assumption could not be proved until today. Surprisingly, the binding energy of potencies of the same degree, such as Argentum metaUicum MK, C 1000, D 1000, or Cantharis MK and D 1000 are nearly equal at 6.9 MHz. The binding energy of Bovista MK and C 1000 at 2.060 MHz is nearly the same. Those of Argentum metaUicum XMK, LMK, CMf increase linearly as expected. Cantharis LMK and CMf react in the same way. The value of Cantharis XMK is too low. Presumably the shaking machine was defective. But no other fraction of Cantharis XMK was available (Table I).

The number of shakings is the same for the potencies such as MK, D 1000 or C 1000 of e.g. Argentum metaUicum, but their concentration factor is different. This indicates that their concentration factor is not important. Consequently, all potencies of one remedy with the same number of shakings have the same energy at the same resonance frequency. Our experiments proved that the method of preparing homeopathic remedies shaking the dilutions by hand or by machine makes no difference. Thus, the argument in favor of the manual method, as often put forward by the homeopaths, is unfounded.

THE HIGHEST ENERGY IS FOUND IN HIGHLY SUCCUSED AND HIGHLY DILUTED POTENCIES

In fact, as it was always supposed, the energy of the potencies grows with the increasing number of the shaking steps and is inversely proportional to the degree of dilution. The CMf potencies which have the highest dilution factor of all potencies used show the highest energy values (Table I) in contrast to the much lower potencies of 200K or MK.

FREQUENCY SPECTRA OF HOMEOPATHIC POTENCIES WITHIN THE RF RANGE

Until today no method exists for measuring frequency spectra in the HF-range (1.6-30 MHz). For developing a new method in order to measure the resonance frequency spectra of homeopathic potencies in the HF range, the newly developed Tesla coil method as described above was extended. An old physical principle was applied: in general, for obtaining a spectrum, the respective substance has to be excited by a range of wavelength which must be identical with that of the desired spectrum. Therefore, the frequency spectra of the homeopathic remedies could be obtained after exciting them for 35 minutes by a different resonance frequency of their individual spectrum and by varying the input level of μV . As we were working above the noise level, only LMK or CMf potencies with very high energy could be used for reproducible results. It was only under these conditions that the frequency spectra of homeopathic potencies could be obtained. The resonance frequencies of Bovista CMf are 4.77 MHz and 2.059 MHz. Under the same condition, Cannabis sativa CMf showed no resonance (Figure 4); different frequencies of Argentum metallicum are 2.06 and 6.96064, 7.008 MHz, 7.1027 MHz, 7.18848 MHz, those of Cantharis CMf are 2.06 MHz, 6.84 MHz, 6.92912 MHz, 6.8344 MHz, 7.16504 MHz (Figure 5).

CONCLUSIONS

Each remedy consists of a specific energy and of different frequencies in the HF range within the longer wave range.

DISCUSSION

IDENTIFICATION OF HOMEOPATHIC POTENCIES AS MAGNETIC PHOTONS

For the first time, homeopathic potencies were identified as magnetic photons. It was possible to measure their degree of potency and their frequency spectra within the HF range. It is a peculiar feature that each of them is provided

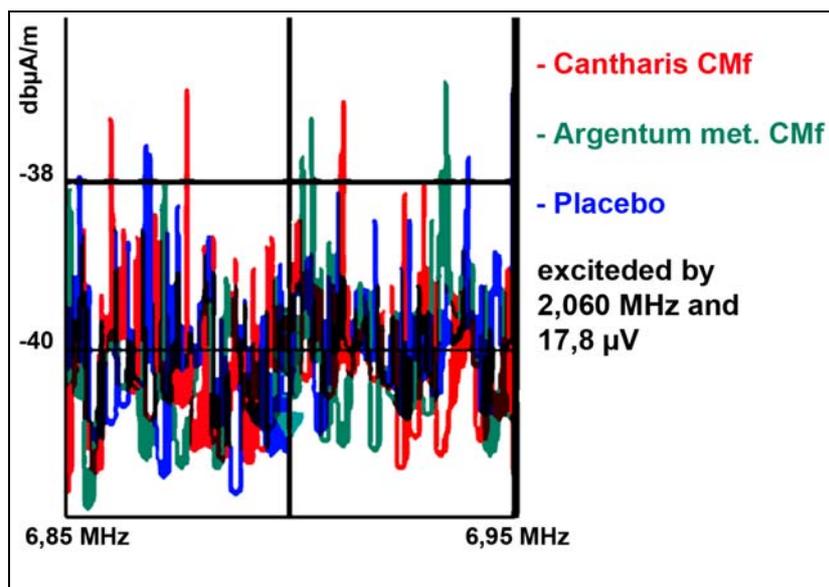


Figure 5. Frequency spectra (6.85-6.95 MHz) of Argentum metallicum CMf, of Cantharis CMf and of placebo (sugar globuli) excited by 2.06 MHz, a different resonance frequency of their individual spectrum.

with several characteristic high frequencies in the HF range. The potencies were in resonance with the magnetic field and with the corresponding longitudinal wave of the coils. From this it can be concluded that homeopathic potencies consist of magnetic photons. No results were obtained by laying the homeopathic potency into the electric field of the coil. From this it follows that homeopathic potencies do not consist of electric photons. Further investigations must be undertaken with coils produced with a different number of windings, which imply other resonance frequencies to measure those remedies with other resonance frequencies.

Until now no other method does exist for generating longitudinal waves as the Tesla coils do. Another resonance method, called Nuclear Magnetic Resonance (NMR), was applied by Weingartner.⁷ But the results were doubtful. He tried to prove the effect of homeopathic dilutions with a potency of D 30 by the Nuclear Magnetic Resonance method.⁷ They used 300 MHz and extremely high field strength. But under such conditions the photons are supposed to

separate at once from the magnetic pole of the water molecule and, furthermore, 300 MHz is probably not a resonance frequency of the remedies in the HF range (1.6-30 MHz). All authors mentioned by Weingartner, e.g. Boericke, a famous American homeopath, used too low potencies such as D4 to 60X, respectively.^{7,8} Under these conditions, the measurements are probably below the noise level. The signals obtained were not always reproducible and could not be exactly identified.

Popp, using a photomultiplier, proved that living organisms, e.g. plants, emit biophotons.^{2,3} He assumed that homeopathic potencies might be solitons formed by succussion.^{2,3} First he poisoned plants with a specific substance. Then he tried to cure the plants with a homeopathic potency (D6 or D12) of the same substance. After that he tried to measure the emitted biophotons in comparison with placebos. He succeeded in measuring some effects from D6 to D12, whereas higher potencies gave no results.

FORMATION OF PHOTONS

According to Meyl each electromagnetic wave can be curled into an electric or magnetic potential vortex or photon forming a scalar wave. (The inner field of the electric photon is a magnetic one, and the inner field of the magnetic photon is an electric one.) The same effect is assumed by superposition of the electromagnetic fields. These vortices can be diminished by means of the Lorentz force. In this case the wavelength would be shortened, while at the same time the frequency would arise. Basing on Einstein's equation $E = mc^2$, each material substance consists of compressed electromagnetic wave packets with many different wavelengths. I came to realize that the extracts being used for the preparation of homeopathic potencies by vigorously shaking the dilution up and down by hand as Hahnemann prescribed, consist of electromagnetic wave packets, too.¹ When the vessel is shaken up and down, the agitated electromagnetic fields induce new fields interfering with each other. The effects of superposition and reflection of the waves cause the formation of photons, so that the wave packets are curled into electric or magnetic vortices or photons. The magnitude of the photons depends on the number of succussions; LMK or CMf potencies might be the smallest ones, because the Lorentz force—in this case expressed as the number

of succussions—compresses the vortices. This indicates that the wavelengths are transformed into shorter ones and the frequencies increase. This whole process may be called energy transformation. The wave packets included in the generated homeopathic photons are the reason why each of them has several different resonance frequencies. Hereby, the energy is transformed into higher frequencies from low to high homeopathic potencies.

Benveniste succeeded in performing his experiments with highly diluted extracts which had been shaken very strongly, so that photons of a higher energy were generated.⁹ This is the only possible explanation of his experiments.

Hahnemann was concerned that his highly diluted and shaken extracts had no molecules any more.¹ He had no explanation for the healing effects he found. Furthermore, he did not know that he had created and transformed material substance into magnetic photons with high energy corresponding to Einstein's formula.

FREQUENCY SPECTRA

Until today no method is known to measure exactly the frequencies of homeopathic potencies in the HF range. According to an old physical principle: to obtain a spectrum of a substance, this substance has to be excited by a wave the spectrum of which is identical with that of the substance. The newly developed Tesla coil method was extended to measuring the frequency spectra of high homeopathic potencies such as LMK or CMf by another resonance frequency of their own spectrum. Surprisingly, homeopathic potencies show different frequencies within the HF range. Therefore, the high homeopathic potencies must be excited by another resonance frequency of their own spectrum. The result obtained was completely unexpected. Usually a photon is characterized by only one frequency or wavelength ($E = h \cdot \nu$) as a monochromatic light. During our experiments, a spectrum of several resonance frequencies of Bovista CMf at 2.06 MHz and at 4.77 MHz was obtained. By the way, Bovista has some more frequency spectra, but they were not shown. Arnica LMK has no resonance frequency at 6.9 MHz and served therefore as a blank value. Further blank values of all frequency spectra that were shown during our experiments

were obtained by blank sugar globuli (placebos) or by other globuli carrying succussed water in XMK. As far as possible the frequency spectra shown in this article are free from disturbing longitudinal waves of any kind which penetrate the Faraday cage. This method represents an innovation, which implies that each homeopathic potency has the possibility to be excited by several resonance frequencies. Each homeopathic potency has its specific frequency spectrum. It can be concluded from the aforesaid that the homeopathic pharmacy consists of magnetic photons with varying frequency spectra in the HF range only. But it has to be proved by further experiments whether there might be additional frequency spectra within other frequency ranges. The question which arises now is whether homeopathic potencies do have frequency spectra within the range from 220 nm to 550 nm. This is the range within Popp found the spectra of biophotons.^{2,3}

Popp measured biophotons emitted from living organisms.^{2,3} He stated that they have a broad frequency spectrum in the range from 220 nm to 550 nm. Is there any connection between homeopathic potencies and biophotons?

ENERGY IN C-, D-, AND K-POTENCIES

The degree of homeopathic potencies has never been determined before. Using the newly developed method it was possible to determine the degree of the respective potency (Table I). Distinct μV values characterize the degree of a specific potency, which was identified as magnetic photons, bound to the carrier molecule of sugar. Increasing μV values separated the magnetic fields of both the magnetic photons and the sugar molecules, the spectrum of which was then identical with that of placebos. This is the proof for the fact that it is really an energy which is bound to the sugar globuli in form of a homeopathic potency. Surprisingly, the characteristic separating energy (μV) of the same degree of a potency such as MK, D 1000 or C 1000 is nearly equal although they have different concentrations, but the same number of succussions. Hahnemann already stated that the number of succussions is only important, but not the concentration.¹ The highest μV values are characteristic for the highest potencies such as LMK or CMf. From this, it can be concluded that these are potencies where the highest energies can be found. Until now it is a well known observation that high potencies cure especially chronic diseases. It was a pure assumption that high potencies have higher energies. Our experi-

ments brought the physical evidence for the existing theories that there is a relation between potency and its energy.

Homeopathic potencies are prepared by diluting alcoholic extracts (of e.g. plants) and shaking them several times after each step of dilution by hand. For the production of homeopathic potencies the succussion by hand (10 times for D- and C- potencies) is the only method provided by law in Germany. This is different from other countries, where K-potencies and even D- and C-potencies are shaken by machine. The homeopathic potencies prepared in this way are then poured onto the sugar globuli which get dry because of the evaporation of the water-alcohol mixture.

In therapy, it is said that D-potencies are "hard ones" and C-potencies are "soft ones," whereas K-potencies shaken by machine with random concentrations are normally ignored by homeopaths. But there is no evidence at all for such a prejudice. Our experiments prove that only the number of shaking steps, either by hand or by machine, is important for the energy level of the remedies.

"INFORMATION" OR "MEMORY" OF THE HOMEOPATHIC POTENCIES

Basing on the fact that the main properties of homeopathic potencies are electromagnetic energies and magnetic photons, it can be concluded that the sugar globuli bind the photons by their magnetic fields. By analogy, photons in alcoholic-water-dilutions bind to the alcoholic-water molecules. During the preparation of homeopathic potencies, the succussed alcoholic water dilution is poured onto the sugar globuli. Presumably, the magnetic field of the sugar globuli is stronger than that of the water carrier molecule. Otherwise, the photons bound to water carrier molecules would be evaporated. The homeopathic photons are bound to their carrier molecule, either water or sugar, by their magnetic poles. Probably, the characteristic μV -values separating the magnetic photons from their carrier molecules depend on the structure of the respective carrier molecule—water (dilution) or sugar (sugar globuli)—considering the fact that their magnetic fields are different. The μV values separating the magnetic photons are expected to be different in potencies in alcohol-water dilutions.

It is supposed that the water molecule has some kind of memory carrying the homeopathic information.¹⁰ It has been observed that the structure of water is changing because of different reasons. Basing on our experiments it can be concluded that it is not the water molecule that has a memory. Probably, the change in the structure of water is caused by various types of photons with their specific frequencies and by their energy when they are bound to the magnetic pole of water. The so-called "memory effect of water" is based on photons magnetically bound with their characteristic properties.

It is said that homeopathic remedies contain "information." This information is the homeopathic magnetic photon with its intrinsic electromagnetic wave packet and different frequencies being transformed by succussion into higher frequencies at higher potencies.

REGULATION OF LIFE THROUGH BIOPHOTONS

Life means an absorption and emission of biophotons in order to regulate the coherent electromagnetic field of biophotons which are stored in the DNA.³ The organism is a transmitter and a receiver of biophotons, at the same time adjusting to its environment. According to the results of our experiments, I can complete Popp's theory as follows: biophotons absorbed transform biochemical pathways onto a higher energy level. When the respective pathway is traversed, the unused photons are emitted into the environment. As a consequence one more question might be solved: For catalyzing the turnover of substrates, allosteric enzymes need energy to turn themselves into the optimal conformation. Nobody knows the source of this energy. The absorption of biophotons might be the explanation.

HEALING BY HOMEOPATHY

Illness is explained by Popp in the following way: the regulation of the electromagnetic field of any organism is disturbed because of a change of its frequencies.³ Therefore, healing by homeopathy is achieved by a regulation of this disturbed electromagnetic field according to the principle of resonance by taking homeopathic potencies with corresponding frequencies. However, Popp failed

to prove his theory. He could not find photons in homeopathic potencies. Finally, I succeeded in confirming Popp's theory by the detection of magnetic photons with high frequencies in the HF range.^{2,3} The theory of efficacy and healing by homeopathy will be completed by following considerations: Presumably, during the process of illness the pathological pathway passes through several morbid states which could be explained in terms of energy with distinct frequencies, each of them corresponding to the frequency of a distinct homeopathic potency. Basing on the results of this paper, healing by homeopathy means a complete resonance of the frequency of the pathological pathway and that of the remedy. By oral application of a respective homeopathic potency, the photon is immediately separated from the sugar or water molecule by the low voltages of the organism.

The photon free from any water or sugar molecule, being identical with the pure homeopathic energy, is in resonance with one of the energy terms of the pathological pathway, the frequency of which being in resonance with that of the photons. Thus, by phase-dependent interference one of the energy terms of the pathological pathway will either be excited to a higher energy level by increasing the intensity of the wave amplitude or the excessive energy will be deleted. Thereby, the pathological pathway is transformed to another energy level, which then requires another homeopathic potency with another frequency. There is a constant interaction between the electromagnetic field of the respective organism and the pathological pathway. Different remedies are used in a hierarchic sequence in order to reach coherence by interaction with the regulating electromagnetic field.^{2,3} In this way, healing is achieved step by step, remedy by remedy, changing the frequencies one after another. Hahnemann's principle of using only one remedy for total healing is doubtful.¹

Homeopathy works with energy. Each pathological pathway consists of different energy states such as, for instance, the H-atom with its different energy levels. Several distinct frequencies correspond to the different states of illness. Only those remedies with corresponding resonance frequencies can heal and regulate the pathway. After finishing the pathway the photons are emitted into the environment. From this it follows that Hahnemann's law of similarity can be reduced to the similar resonance frequency between the potency and the energy terms of the pathological pathway, according to the principle of resonance.

SAVE THE HOMEOPATHY!

Many remedies in high potencies, e.g. nosodes such as cholera LMK or yellow fever LMK, which are important for healing, are no longer available. The results of this paper may prove that it is not justified that the production of homeopathic remedies is more and more restricted. Recently, a law was enacted by the European Union according to which the original substances of high potencies of nosodes and snake venoms must be destroyed because of their toxic effects, although everybody knows that in high homeopathic potencies no molecule does exist. These new procedures applied will destroy the original substances. This will lead to homeopathic potencies in which the photons created by shaking do not correspond with the original substances. This is a consequence of misunderstanding of the way homeopathy works. There is not even one single molecule of the original extract in these remedies, but only magnetic photons.

• • •

CORRESPONDENCE: Dr. rer. nat. Karin Lenger, Dipl. Biochem. • Naturheilpraxis für klassische Homöopathie • Kaiserstr. 28 • D-63065 Offenbach

ACKNOWLEDGMENTS: This work was supported by: Firma Ambrusch Josef: Ludwig-Ganghofer-Str. 16, D-85558 Kirchheim /München (Email: ambrusch@web.de), specialist for measuring with the high sensitive Spectrum Analyzer (FSP 40, 9 kHz - 40 GHz). Dipl.-Ing. Manfred Spielmann (telecommunication engineering): Email: * Manfred.Spielmann@strahlenumfeld.de. Leipziger Str. 69, D-36396 Steinau a. d.Str, homeopath and specialist in measuring the effects of electrosmog. He was responsible for the mathematic calculations and, furthermore, I thank him for the discussions on Meyl's electromagnetic field theory. Firma Werner Schwiller—Elektronik, Benzstr. 1A, D-85558 Kirchheim/München (e-mail: schwiller_elektronik@t-online.de) for preparation of the Tesla-coils, and for supporting with the Faraday cage. Furthermore, Dr. Phil. Habil. Sonja Gippert-Fritz, South Asia Institute, University of Heidelberg and visiting lecturer at the University Frankfurt (e-mail: Gippert-Fritz@em.unifrankfurt.de); translation and proofreading.

REFERENCES & NOTES

1. S. Hahnemann, *Organon der Heilkunst* (Hippokrates Verlag, Stuttgart, Germany, 1979). 2a. F. A. Popp, Hypothesis of Modes of Action of Homeopathy, *Energetische Medizin* (P. Heusser, Europäischer Verlag der Wissenschaften, Peter Lang AG, Bern 1998), pp. 101-110. 2b. F. A. Popp, Der Weg eines Physikers zum Licht. Fritz-Albert Popp im Gespräch mit Mathias Brockers, (F. A. Popp, Die Botschaft der Nahrung, Verlag Zweitausendeins, 1999), pp. VII-L.

- 3a. M. Bischof, F. A. Popp, Der Weg eines Physikers zum Licht, pp. 112-293. 3b. Homöopathie als "Leitschiene" einer modernen Medizin, pp. 306-311: (M. Bischof, Biophotonen, Das Licht in unseren Zellen (Verlag Zweitausendeins, Frankfurt, 1995). 4a. K. Meyl, Elektromagnetische Umweltverträglichkeit, Part 1-3 (2003). 4b. N. Tesla, Patent-No. 645, 576/1900/, Complete patents (Tesla book Company 1983).
5. M. Bischof, Nikola Tesla, Ambient Medium, Longitudinale Wellen und Radiant Energy, pp. 171 -178
Konstantin Meyl, Skalarwellentheorie, pp. 232- 234
(M.Bischof, Tachyonen Orgonenergie Skalarwellen , AT Verlag, Aarau/Schweiz, 2002).
 6. The Signal Generator (SML, Rohde & Schwarz, e-mail: CustomerSupport-@rohdeschwarz.com), adjusted to the μV range, and the Spectrum Analyzer FSP 40 (9 kHz-40 GHz, Rohde & Schwarz) were connected with Tesla coils of either 6.9 MHz or 2.060 MHz, which were produced according to Tesla's patent No: 645,576/1900 varied by Schwille—Elektronik (Email: schwille_elektronik@t-online.de). The coils were placed inside the loop antenna (HFH2-Z2, Rohde & Schwarz) in orthogonal direction into the maximum of the H-field.
 7. O. Weingartner, *Kernresonanz-Spektroskopie in der Homöopathieforschung* (KVC Verlag Essen, 2002).
 8. P. Belavite, & A. Signorini, *The Emerging Science of Homeopathy* (North Atlantic Books, Berkely California, 2002).
 9. E. Davenas, F. Beauvais, J. Amara, M. Oberbaum, B. Robinson, A. Miadonna, A. Tedeschi, B. Pomerant, P. Former, P. Belon, J. Sainte-Laudy, B. Poitevin & J. Benveniste, Human Basophil Degranulation Triggered by Very Dilute Antiserum IgE, *Nature* 333 (1988), pp. 816-818. When to Believe the Unbelievable, *Nature* 333 (1988), p. 787.
 10. M. Schiff, *Das Gedächtnis des Wassers* (Zweitausendeins, Frankfurt, 1997).

00 00 00