



Does the Water Have Memory and Why?

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Abstract

Plants and humans are mostly water, which makes the answer of this question essential. The article explains that if we have computers with memory, it is because the computers use chips made of crystals, which have memory. Scientists recently found that glass and gels also have memory, which can be explained with the chunks of crystals imbedded in their structure. However, it was found that colloidal solutions and even soap bubbles also have memory, which could only be explained if liquid water has memory. When the ice melts to become liquid water, only 40% of the H-bonds are melted. So, liquid water is different size and shape clusters of ice swimming in liquid water and if the liquid water has retained most of its crystalline structure, it could memorize. The French immunologist Benveniste was the first to claim that the water has memory and he was ridiculed for this. His conclusion was right, but being immunologist he could not explain why the water has memory. The research of Montagnier straightforward showed that even when the entire DNA of HIV virus is filtered out, the water can still bring the infection because the electromagnetic field (NEMF) of the DNA of the HIV-virus is imprinted on the water structure. The present article explains the memory of water, the memory of the acupuncture points, etc.

Keywords: Water Memory; Why Water Memory; Benveniste Water Memory; Montagnier Water Memory; Acupuncture Points' Memory

Introduction

Everybody, who has been born at the seashore, like me, knows that the winters at the seashore are much milder because the seawater accumulates the Sun's heat during the summer and emits it during the winter. This is water memory- the water has imprinted in its structure the Sun's heat in the summer and emits it with a delay during the winter.

Everybody, who uses computer, must know that the computers memorize through chips made of crystals. If the crystals were not able to memorize, we wouldn't have computers. What this has to do with liquid water? When

the ice melts to form liquid water, only 40% of the hydrogen bonds between the water molecules are melted [1]. So, liquid water is chunks of ice swimming in liquid water and these chunks of ice are called clusters.

If liquid water contains clusters of crystalline ice, it should be able to memorize. Scientists recently found that glass, gels, colloidal solutions, and even soap bubbles have memory [2]. What is the reason for it? The glass and gels have chunk of crystals in them, while the colloidal solutions and soap bubbles have liquid water, which are clusters of crystalline solid ice swimming in the liquid state of water.

More about the Water Structure

The ice clusters make the water structure highly inhomogeneous and inhomogeneous structures have nonlinear properties [3]. One of these nonlinear properties is memory. Surrounding each cluster are two layers of water molecule in dynamic equilibrium, which means that these molecules can stay connected to the ice cluster or leave depending on the external conditions. This makes the water structure very dynamic and capable to adapt to different environments by changing its structure.

The water can reorganize its structure very fast and the ice clusters can change their size very fast. It was found in Russia that the size of the water clusters changes in quants [4]. The basic water quant is a cluster of 57 water molecules. However, it is possible to find ice clusters as big as 912 molecules, which are conglomerates of 16 cluster quants.

The clusters of solid ice swimming in liquid water can change their size and shape when minerals or other substances are dissolved in it or under the influence of all kinds of external factors – temperature, atmospheric pressure, electric or magnetic fields. Based on this, we can claim that magnetized water exists and has properties different from the normal water [5]. The magnetize water will be subject to another article.

The ice clusters make the water inhomogeneous and their flexible dynamic structure allows imprint of all kind of information: music, human energy, even emotions and thoughts [6], which is called water memory. The physicist Dr. Wolfgang Ludwig of Los Angeles, consultant of the International Research Organization, said: “The water has the memory of an elephant” [4].

Japanese studies of Masaru Emoto showed that classical music makes the water crystalize in beautiful symmetric patterns [6]. He also found that positive thoughts and positive emotions (like love) make the water crystalize in beautiful symmetric patterns. At the same time, he found that negative thoughts and negative emotions (like anger) make the water crystalize in ugly asymmetric patterns [6].

Russian scientists found that the water structure is very sensitive to external influences. Electric current passing through the water causes one type of ice cluster configuration [4]. Change in the atmospheric pressure causes another type of ice cluster configuration [4]. When water is exposed to light, it has a third type of ice cluster configuration [4].

Thus, the water structure records each type of energy in a specific way, which means that the water is capable of recording information. I did my own measurements in 1981.

I asked energy healer, who heals with hands, to do clockwise movements on top of a bowl with water. I measured with sensitive IR equipment the emission of this water and found strong infrared emission from it [7].

I was surprised that the treated water when left at room temperature was still emitting the IR energy of the energy healer in the second and third day [7], while the Brownian movement of the water molecules was supposed to dissipate this energy overnight. I learned a few years later, when I got acquaintant with nonlinear physics that the human electromagnetic field is strongly nonlinear and nonlinear fields do not dissipate easily.

Similar experiments with water, which hand-healers treated for 3 minutes, were also done in Russia some years later. They showed that the water treated with hands was emitting 300% more energy than the control [4]. Dr. Zvenin explained this phenomenon with the dynamic of ice-clusters' configurations – changes in the configuration of one ice cluster lead to changes in the configuration of all ice clusters [4]. This can happen only if the ice clusters are related strongly in a nonlinear way.

Russian investigations of Acad. Goskov [4] showed that when the energy of positive emotions is imprinted on water, wheat seeds watered with such water germinate much faster and the degree of the sped-up germination depends on the duration of the impact of positive emotions. The Russian scientist Prof. Bolotova [4] showed that negative emotions, in particular anger, not only changed the clusters' structure, it changed some of the water molecules from H₂O to D₂O, and D₂O is toxic for the body.

The dynamic flexible structure of water is even influenced by our thoughts. If people with strong energy fields can freeze the arrow of an instrument and not allow it to move, such people could and would change the water structure. An energy healer in Russia changed the water conductivity with 7,000 microamperes [4]. On the background of all this, even the mental effort of Jesus to change the water into wine at the wedding in Canaan seems quite in reach.

Water and Cancer

Cancer, in its final state malignancy, is a jumbled mass of disintegrated cells, which multiply senselessly out of control [8]. The cells cannot communicate and manifest collective behavior any more; neither can they form a useful architecture. Since the space between the cells is mainly water, in the case of cancer there should be something in the water structure, which makes the communication of cells impossible.

Speaking about the amount of water in the body, we should acknowledge its decline with aging. According to Russian studies [9], the amount of water in the fetus is 95%, in the baby – 92%, and it constantly decreases. Between age 20 and 30 the amount of water in the body is 70%, between age 40 and 50 it is 50% (this is when the wrinkles appear).

After the age of 70, the amount of water in the body drops down to 30%. This is when the bones become brittle because what make the bones elastic are vertical capillaries with structured water. When the amount of water in the body drops down to 30%, there is no enough water in the bone's capillaries to keep the bones elastic and they become brittle [9].

Russian scientists found that high in the Himalayas there was only one case of cancer in the last 20 years [4]. The local people were drinking water from the glaciers and claiming that this is their 'life water', which keeps them healthy. The Russian scientists went investigating the 'life water' taken from the melting glaciers of the Himalayas, hoping to reveal the hidden in it secrets of health and longevity of the Himalayans [4].

On clean glass surface they were dropping small amount of this "life water", then evaporating it with a blow dryer, and looking at its structure through a microscope with resolution 140. They found that the "life water" has crystalized in beautiful symmetric figures. When they did the same with tap water, they found no figures of any kind at all [4].

In the magazine *Zeiten Schrift* [10], the author Seiler cited Shauberger on the harm of chlorination of drinking water. Chlorination not only destroys the structure of water, it influences very negatively our body and even our Spirit. It is detrimental not only to people, but to every living creature and plant on earth. After this article, the Germans started ozonating their water instead of chlorinating it – ozone kills the germs, but does not harm the people, animals, and plants.

By using "life water", the Russian scientist Muldashev, was able to improve eyesight 30 times [4]. However, it is not only the 'life water' of the Himalayas' glaciers that determines the low cancer rate of the local people. They live life free of stress, and scientific research showed that stress, negative emotions, and even negative thinking lead to chronic diseases and cancer [8], by changing the structure of water and our body is mostly water.

The Sharp Negative Response of Scientists to the first Announcement that the Water has Memory

The French immunologist Jacques Benveniste [11] did research with anti-bodies. He noticed that the biological

effect of anti-bodies was still there even when the solution was so diluted that anti-bodies were no longer present. This reminded him homeopathy. He stated that the water must have the ability to memorize. Only memorizing could explain his experiment as well as the fact that the homeopathic remedies work even when the substance is so diluted that not even one molecule of the substance is left [12].

When asked, how the water does the memorizing, Benveniste's answer was: "I am immunologist, not a physicist." Being a physicist, I would try to explain how the water memorizes the information of the substance that was diluted in it. The liquid water has inhomogeneous structure because less than half of the hydrogen bonds in the ice were destroyed during the process of melting. So the liquid water is ice-clusters swimming in liquid water.

Every medium, which is inhomogeneous, exhibits nonlinear properties [13] and liquid water with ice clusters is strongly inhomogeneous. One of these nonlinear properties is hysteresis, which means history is important. Voltage is applied to the substance and the response is measured at the increase of the voltage and its consequent decrease. The substance responds differently because it has memorized the previous treatment.

However, if Benveniste [11] would use the word hysteresis instead of memory, when explaining that the biological effect of anti-bodies was still present when the solution was so diluted that anti-bodies were no longer present, probably it would be accepted. However, since he used the word memory, many scientists jumped on him.

The experiment of Benveniste [11] explains why the homeopathic remedies work even when the substance is so diluted that not even one molecule of the substance is left. This means that specific vibrations of the nonlinear electromagnetic field of the molecules dissolved in the water remained imprinted on the complicated inhomogeneous dynamic nonlinear structure of water.

The water structure is dynamic because each cluster has two layers of loosely connected water molecules. They can stay connected to the cluster or leave depending on external conditions. If the conditions require these two layers to become disconnected from the cluster, another two layers of the cluster become loose and free to leave if the conditions change.

The critics of Benveniste's idea of memorizing water didn't curb his enthusiasm for farther experimenting. Benveniste was a scientist with intuitive vision and he claimed based on his farther experiments that biomolecules communicate with their receptors by sending low frequency

electromagnetic signals, which the receptors pick up like radios tuned to specific wavelength.

He recorded these signals digitally and by playing them back in the absence of the molecules, he was reproducing the biochemical effect, as if the molecules were there. By just playing the electromagnetic signal, he was able to trigger the defense response of neutrophils to kill invading cells, just as the presence of the molecules would do [9]. The author of this article thinks that this proves that the weak informational nonlinear electromagnetic field (NEMF) rules and regulates all chemical reactions in the body.

Luc Montagnier [14,15]-the Nobel Prize winner of year 2014 for his research on HIV virus - found that the DNA of HIV virus, when diluted in water, created electromagnetic signal, which still existed even at very high dissolutions, when DNA molecules were no longer present. He filtered the water containing the DNA of HIV virus, so that no molecule of DNA was left in the filtrate, but the DNA electromagnetic signal of the HIV virus was still there, and so was its detrimental effect [14,15].

The research of Benveniste [11] and Montagnier [14,15] points in one direction – the water has memory. However, their research also indicates that what is imprinted on the water structure are the frequencies of the Nonlinear Electromagnetic Field (NEMF) of the biomolecules. In the case of Benveniste: the NEMF of the anti-bodies are imprinted on the water structure (he also found that biomolecules communicate with their receptors with low frequency NEMF). In the case of Montagnier: the NEMF of the HIV DNA was imprinted on the water structure and this record was there when all HIV DNA was removed. This is an independent proof, that everything material is a material body and NEMF as shown in the author's article [16].

The Acupuncture Points have Memory and this is how Acupuncture Cures Chronic Diseases

In 1983, at the 8th World Congress of Acupuncture, the Russian scientist Shuiski reported that he has measured the volt/ampere characteristics of the acupuncture points and he has found that they have hysteresis properties [17]. Hysteresis means that when the applied voltage to the acupuncture point is increased, one type of current is measured. When the applied voltage to the acupuncture point is decreased- another type of current is measured (Figure 1).

This means that the acupuncture point remember the previous treatment. If so, the acupuncture points have memory. Shuiski [17] found that only the acupuncture points have such memory, the rest of the tissue didn't have

hysteresis characteristics, i.e. didn't have such memory as the acupuncture points. What are the acupuncture points? They have higher electrical conductivity because they have under their skin: 1/ dense set of nerve fibers without myelin covers, which are like wires without insulation and 2/ dense set of thin blood vessels.

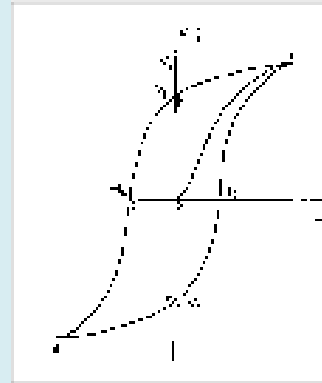


Figure 1: Hysteresis type Volt-Ampere characteristics

Since blood is mostly water and water has memory, the acupuncture points have memory. As said, the water has memory because liquid water is chunks of crystalline ice of different size, called clusters, swimming in liquid water and as everybody knows crystals have memory. If crystals didn't have memory, we wouldn't have computers. The computers we use now memorize through chips of crystalline SiO_2 .

Acupuncture is an ancient way of treatment. Presently, it is the only treatment that can cure chronic diseases. The cure requires a series of daily acupuncture treatments 14 to 20 days in a row. Measurements with supersensitive equipment show that it works through accumulation of the effects of each treatment [18]. If the acupuncture points didn't have memory, cure of chronic diseases with a series of daily acupuncture treatments would not be possible.

On the 8th congress of Acupuncture, Russian surgeon reported that if the acupuncture points are avoided during surgery, the healing of the cut heals faster and with no complications. Also, in an article published in *Chronicles in Medicine and Surgery* [19], I explained that phantom pain in the amputated leg is observed when the amputation and stitching have passed through acupuncture point. Therefore, acupuncture points should be avoided during surgery at any cost.

Russian Frontier Research

Acad. Peter Garyaev in Russia [4] is marching ahead of our time-he is already using information signals for healing.

First, he injected 30 rats with aloxan-a poison that kills the pancreatic cells and causes diabetes. 24 of the rats died. The surviving 6, when treated with information from healthy pancreas, recovered completely. Here is how it was done.

Laser light, after reflection from curved metal mirrors, which made it nonlinear, was made to be stationary. Then it was focused on the pancreas of a healthy rat and the laser memorized the vibrations of the healthy pancreas. This information was transformed from being recorded with laser light to being recorded with radio waves. The 3 rats, receiving information from the pancreas of healthy rat recorded with both laser light and radio waves, completely recovered in 3 days. The other 3 rats, receiving only radio-wave information, recovered in 9 days.

Acad. Goryaev concluded that obviously we could also heal ourselves with electromagnetic waves [4]. Another Russian scientist, Acad. Grabovoi, outlined the importance of avoiding negative information entering the water of our body or to find ways to get rid of the damage of this negative information before it has sank at physical level [4]. For the health damage of negative thinking see the article of the author [20].

Conclusion

When cancer is concerned, I want to draw your attention to the fact that years ago I read in the Russian literature that if cancer cells were sucked out with injection, severely shaken for a while and then injected back, the cancer would disappear (I have this cited in my book [8]). If this works, how it works?

If the cells in a cancer tissue are disintegrated and multiply senselessly, and the intracellular space is mostly water and collagen, we should study the changes in the structures of water and collagen in the intracellular space that lead to cancer. Russian studies [21] found collagen formations resembling “stacked coins”. This could explain the positive impact of shaking on cancerous cells.

Also, we should try to relate the material changes preceding cancer to changes in the intracellular nonlinear electromagnetic field (NEMF), which rules and regulates the cellular growth and is emotionally sensitive. This will give us the understanding how distress causes cancer and would eventually give us the key how to counteract it (see author’s articles [22,23]).

References

1. Kuman M (1975) Quantum Biophysics, Sofia University Press.

2. Kuman M (2020) From Soap Bubbles to Cancer Research, EC Emergency Medicine and Critical Care 4(1).
3. Kuman NM, Narten AH (1988) Organic Polymer Conductivity-a Nonlinear Approach. Synthetic Metals 27(1-2): A89-A98.
4. Tihoplav V, Tihoplav T, Garmonia Haosa (2003) (The Harmony of the Chaos), Russia.
5. Kuman M (1993) Delicious Herbal and Folk Remedies, Health and Happiness Books.
6. Emoto M (2004) Cited in the book: What the Bleep Do We Know?
7. Kuman M (2017) The Acupuncture Meridians Are Wave Sensitive-Quantum Ways of Diagnosis, Drug Testing, and Healing. Acupuncture and Electro-therapeutic Research 42 (3-4): 163-173.
8. Kuman M (1993) What Everybody Needs to Know about Chronic Pain, Chronic Diseases and Cancer?, Health and Happiness Books.
9. Parfenov I (1965) Zkalivanie Cheloveka (Strengthening of Man), Russia.
10. Zeiler B, Zeiten Schrift (2002) 2: 13-16.
11. Davenas E, Beauvais F, Amara J, Oberbaum M, Robinzon B, et al. (1988) Human basophil degranulation triggered by very dilute antiserum against IgE. Nature 333(6176): 816-818.
12. Kuman M (2019) How Homeopathy Works-homeopathy and cancer, International Journal of Complimentary and Alternative Medicine 12(1): 1-4.
13. Kuman M (2019) Inhomogeneous Materials and Excited Brain Tissue Require Nonlinear Description. Advances in Complementary and Alternative Medicine 3(5).
14. Montagnier L (2010) Homeopathic Signals from DNA. Science and Society 48: 36 -39.
15. Montagnier L (2010) Electromagnetic Signals from DNA, Science and Society 48: 40-43.
16. Kuman M (2019) How Was the Material World Created?-Origin of its NEMF. Open Access Journal of Mathematical and Theoretical Physics 2(2): 1-5.
17. Shuiski (1983) 8th World Congress on Acupuncture, Sofia, Bulgaria.
18. Kuman M (1997) Modern Aspects on Ancient Acupuncture, Health and Happiness Books.

19. Kuman M (2018) Why It Is so Important to Avoid the Acupuncture Points during Surgery-Phantom Pain and Phantom Leaf Have the Same Holographic Nature as the Subconscious Images, *Chronicle of Medicine and Surgery* 2(6): 272-275.
20. Kuman M (2018) Measuring the Effect of Way of Thinking on Health. *Chronicle of Medicine and Surgery* 2(1): 94-98.
21. Maslov L, Kirpichnikova I (2016) *Info-energy Medicine of the Future*, Moscow, Russia.
22. Kuman M (2018) Physics Not Chemistry Will Solve the Cancer Problem. *Research in Medicine and Engineering Sciences* 6(4).
23. Kuman M (2019) How Distress Causes Cancer. *Advances in Complimentary and Alternative Medicine* 4(1): 1-2.

