

Ing. Bernhard Ratheiser

Energized and structured water thanks to optimal water purification

For centuries, science has moulded a conception of the world based on purely materialist principles but 20th century physics has taught us that more recent findings on energetics also have to be taken into account. That is why it is reasonable to assume that the energy and wave patterns in drinking water are tremendously important for all life on earth as well as for our health.

As an introduction to this topic, I would like to make the following comparison:

Graphite and diamond both have the same chemical composition. However, the former is a trivial substance while a diamond is a brilliant precious stone with impressive properties and energies. The difference between the two is only to be found in the crystal lattice, or the arrangement of the molecules. If we apply this knowledge to water, it becomes clear that restructuring our no. 1 foodstuff boosts our health and can improve it tremendously.

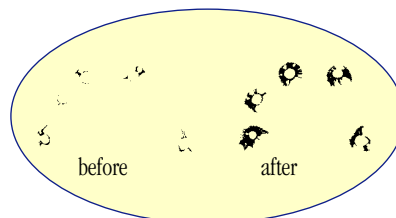
As we all know, the human body and its organs consist of approx. 70 % water, i.e. somebody weighing 70 kg has over 50 kg of water in them. That's five 10-litre buckets of water, if that's easier to picture.

Naturally the question comes to mind whether the water in our bodies has the right structure and whether it is energetically active or not. This factor is decisive for our health and well-being.

What is the energetic property of tap water like?

It is not enough for water to be clean for it to be healthy as well. The water that we drink is biologically dead because the information-bearing structures have been destroyed by friction on its journey through miles and miles of pipes. Before water was delivered through the mains system, it was scooped directly from the well and all of the properties inherent in this substance were preserved. If our tap water had the energy potential of well water, as it did approx. 80 years ago, there would be fewer ill people today.

Energetic diagnosis of extremities pioneered by Kirlian



The test subject's finger tips have increased bio-energetic potential which is immediately boosted after drinking UMH water.

That is why it is extremely important to purify water using suitable physical processes.



Mechanical engineer Ing. Bernhard Ratheiser has been carrying out research into the principles of the Creation since 1987. Co-founder of the "Institut für Wasser- und Umweltverbesserung" in 1994, he has been working for the Institute ever since. He has written numerous publications, including a book, and given many seminars and lectures on this topic.

For only high-quality energized water can perform the important tasks which our organism requires. Only then is it a foodstuff and elixir which is capable of regulating the many highly complicated biochemical processes in the correct way.

Structured water in and between cells

The famous American doctor and researcher, Dr Cousins, wrote: "Today we believe that cells contain structured water as their basic constituent. In polarized water, enzymes and other macromolecules are embedded, together with sodium and potassium ions". [2]

It has been proved that most processes of intracellular metabolism take place in a network of structured water.

The Austrian doctor, Dr Pischinger, developed the theory of a "basic regulatory function", which nowadays is seen as the foundation for many natural healing processes. There is no direct contact in our bodies between organ cells and capillaries or vegetative nerve fibres. This means that every stimulus and every metabolic process moves via extracellular fluid. [3]

This is why structured water between the cells and in connective tissue plays an essential role in regulating the balance of water, harmful substances, electrolytes and heat in our bodies. It is also responsible for the important equilibrium between acids and alkalis. And thus problems with the structure of water have an effect throughout the body.

The latest scientific findings that pulsating microwaves from mobile phones and cordless phones, etc. radically change the structure of extracellular fluid should really set us thinking seriously. This means that cells find themselves in a completely unphysiological environment for all elementary metabolic processes. [4]

So that water can pass through the cell membrane, certain electrical conditions and geometric structures are necessary. Various findings suggest that a frequency of 22.5 Hz, along with aquaporins, is essential for that to take place. This was discovered by the researcher Peter Agre, who was awarded the Nobel Prize for his findings. Bio-resonance pioneered by Paul Schmidt also supports the same conclusions.

When the water vibrates with certain frequencies and has the appropriate

cluster structure, it is easier for it to reach its goal, namely the cell.

That is why many naturopathic practitioners and doctors recommend drinking 2 to 3 litres of energized water daily to counteract this highly alarming burden.

An interesting finding from bio-photon researcher Prof Dr Popp is that "only in structured water can the cells pass on information from DNA molecules, with the help of structured light".

The Austro-Russian biophysicist, Karl Trincher, went one step further when he pointed out that "the actual medium of life is intracellular water and not biological macromolecules, as has been erroneously assumed. For when the cell dies, it is not the proteins and other macromolecules which initially change, but the special structure of the cellular fluid breaks down first. The decisive factor here is not the chemical composition of the water molecules, or which substances, i.e. minerals, are dissolved in it, but the arrangement of the water-molecule network, or their physical structure".



Sounds in water reveal its inner structure
Photos: A. Lauterwasser [6]

Trincher comes to the conclusion that "The secret of life is to be found in water which preserves the order of things". [5]

And now, if we apply these elementary findings to the properties of water today, we must seriously ask whether the water we drink and use has any structure left at all. Most of it is stored in enormous containers, chlorinated and treated with UV light or fluorine, in order to comply with modern regulations - in bacteriological terms. Then it is chemically treated. And finally, it is forced through miles and miles of pipes at high pressure until it finally gets to the consumer.

It should be clear to everybody that the structures bestowed upon water by nature cannot but completely break down due to such processes and procedures. And indeed, this has been clearly proved by the comprehensive tests which have been commissioned by our Institute.

In the UMH energizing process, structures are restored to the water, making it once again possible for this important element of life to purify itself.

Series of tests carried out by Dr M. Kohfink, who works in the field of exahertz, clearly reveal the high quality of UMH technology.

Water - Comparison measurements by Dr Kohfink with EHM2000/WHFS7-4			
Medium	Impulses/sec fresh	Impulses/sec after 25 ^{hrs}	Bovis units
Distilled water (pure)	48	48	3.000
Tap water (Stuttgart)	19	19	5.350
Tap water (Augsburg)	23	23	5.960
Tap water (Munich)	22	22	7.900
Volvic water	28	28	13.800
Spring water from Canada	33	33	28.150
Grander water	36	25	24.200
"Healing water" (Lourdes)	44	44	27.360
UMH water 3/4"	49	49	37.550

The higher the number of impulses and Bovis units, the purer the water and the more energy it has.

The impulse values of up to 49 which have been measured are equivalent to the purest spring water from the Rocky Mountains. What is more, the structures remain stable for a long time after purification with UMH appliances, which is not usually the case with most other devices.

The greater the proportion of structured water, the better its biological qualities.

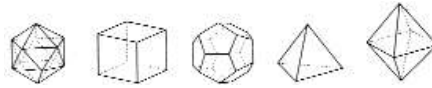
The German physicist, Dr Ludwig, described this aspect as follows: [7]

"Water differs from other liquids in that it forms a so-called two-phase system. In addition to disorganized water molecules, it also has highly structured water molecules. The ordered phase is also referred to as crystalline-fluid since it has the same high degree of structure as a crystal. While the energetic bonds in the disordered, normal-fluid phase are very low, the intermolecular forces in the crystalline-fluid phase have very high energy levels".

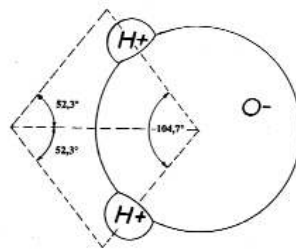
Unstructured water can only store energy patterns for a very brief period while structured water can do so for decades. At zero degrees Celsius, around 700 water molecules come together to form structured clusters; at room temperature they contain 400 and at 100 degrees Celsius there are still at least 50.

Recently a further, rather spectacular property of these clusters has been discovered: they can join together to form even larger, regular geometric forms, and not just any old shape, but the five familiar Platonic bodies, namely the icosahedron, hexahedron or cube, dodecahedron, tetrahedron and octahedron.

This is why it is appropriate to speak of the sacred geometry of water. These five Platonic bodies were the representation of sacred dimensions and harmonies for Pythagoras and Plato. [8]



In accordance with the law of resonance: "As above, so below", the highly structured water communicates with cosmic energies and influences.



The geometric structure of a water molecule has an angle of 104.7°. This is directly related to the pyramids with 51°17' and very significant as the dimensions of the Great Pyramid of Giza stand for the cosmos.

The structures of clusters make it possible for information to be stored in liquids. Indeed, this is what the effectiveness of homeopathy, ether ampoules and Bach flower remedies as well as orchid, precious stone and Australian essences, etc. is based on.

Water is the source, receiver and memory of "information", or electromagnetic waves.

Just as water can take on healing, positive information, it can also store negative characteristics. Unfortunately, these frequently burdensome waves are not removed in standard water purification processes. Only special physical procedures can cancel out these frequencies. And if these procedures are not used, the inform-

ation stored in the water can disrupt cellular and bio-communication in our highly complex organism. This finding has been clearly proved by various scientists, including physicists Dr Ludwig and Dr Smith, and confirmed with the help of special frequency measurements.

Just the same could be proved in reverse, namely that so-called healing waters have particularly positive electromagnetic frequencies. Measurements on water taken from Lourdes or the Ganges prove this fact. Biologically high-quality water has to show positive information, i.e. certain useful frequencies, if it is to be beneficial for the body.

Dr Ludwig proved the following with his precise, scientific measurements of UHM energizing appliances:

- 1) negative frequencies were deleted;
- 2) the water was energized and structured to positive effect, e.g. on the vegetative nervous system;
- 3) effective frequencies against harmful micro-organisms were present;
- 4) very high quantities of bio-photons were stored thanks to the high absorption of UV light;
- 5) positive information was retained which had already been in the water before it was purified.

He emphasized the excellence of the results. Thanks to the very stable purification process, this positive information & structuring is retained even over long periods of time.

The energetic condition of the water plays an essential role in the extent to which minerals contained in the water can be utilized.

Intensive research in the United States supervised by Dr Cousins has proved that minerals can enter cells when they are surrounded by a ring of structured water. In this constellation, even inorganic minerals can be utilized by the body. An excessive amount of the same is certainly not a good idea. [2]

In the first place, the body's mineral requirements should be covered by the food we eat. The minerals in water, in contrast, form the basis which allows natural water structures to arise.

In the light of Schauberger's findings as well, water should contain certain carbons (his definition of minerals). They form the colloidal focal points for the cluster structures which arise in water and determine its Zeta potential and conductivity (μS).

Demineralized water is not easy to structure or energize, as physicist Dr Knapp found out, amongst others. That is why it is recommended to remineralize the water using an osmosis device before the water is energized. [10]

Only then can the optimal effect of water in human and animal organisms be attained.

The quality of the water used has a decisive effect on whether the nutrients supplied by food or dietary supplements actually enter the cell so that their necessary life-giving effects can start to act there.

The most important tasks of a water-energizing device can thus be clearly defined as follows:

As well as deleting the frequencies of harmful substances, it should give our drinking water a highly structured, stable condition. Only then is

it 100% available for metabolism and can enter the cells in a sufficient quantity.



Natural spring water fulfils this task at an optimum. The picture shows natural spring water from Saijo (Hiroshima, Japan); the photo was taken using a procedure developed by Dr Emoto. [11]

Counteracting dehydration and excessive acidity, which most people suffer from nowadays, can only be achieved with optimally structured water which can be absorbed by the cells.

Dr Kohfink put it very aptly in connection with his well-grounded studies into various water sources and types of water purification devices when he said:

"Water is life, but only when it is alive."

Bibliography:

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[9] Viktor Schauberger: “Unsere sinnlose Arbeit” (Our senseless toil)

[10] Dr Knapp: Colour plate test

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