

History of Proton Water – Dr. Lawrence R. Stowe

My professional interest in structured water or clustered water started in 1995 when I launched my first non-profit medical research foundation, “Survive Until A Cure” (SUAC). At the time, I had a great deal of interest in the work of Dr. Albert Szent-Gyorgy the man who discovered Vitamin C and the first set of reactions that lead to the discovery of the Krebs cycle also known as the citric acid cycle. The quote that most interested me was:

"the molecular structure of water is the essence of all life"
Dr. Albert Szent-Gyorgy, Nobel Prize winner.

I was also intrigued by Dr. William Tiller - Professor Emeritus, Materials Science, Stanford University (12/1/95).

"Abundant data now exists to show that water, structured by applied electric and magnetic fields of a variety of configurations and magnitudes, beneficially influences seed germination, plant growth and a human's sense of beverage softness and flavor as well as personal physical well-being.

All the variants of homeopathic processing show that beneficial health benefits for living systems can also be incorporated into the subtle levels of water. Thus, water appears to be an amazing host or solvent for carrying both general as well as specific health enhancements to the end user.

Although we presently have some understanding of how to produce such beneficial structural changes in water, it is still very meager considering the vast potential that seems possible with water.

It is our lack of basic understanding that keeps us from:

- (1) preparing water in a highly reproducible fashion for a specific end use;
- (2) reliably controlling the lifetime of the unique structure given to water by a given process;
- (3) reliably detecting and monitoring the specific structural and informational variants imbedded into a specific water product over time so as to have a quality control capability for that product; and
- (4) predicting better pathways for water treatment using old or present processes as well as defining what would produce a superior process.

Now is the time to seriously invest in gaining the required understanding needed for sound commercialization of water products. The storehouse of this vast potential will not be able to be unlocked without careful research directed toward the four points set out in the previous paragraph. It is proposed that funding to support this specific research should be sought now".

Visiting with Dr. Tiller led me to Dr. Lee Lorenzen, who has patented technology to produce clustered water. One of Dr. Lorenzen's products is a bottled water called Vivo. His clustered water technology is also used to manufacture homeopathic medications. The health benefits of clustered water became an important part of Survive Until A Cure.

HISTORY OF DR. LEE LORENZEN

Dr. Lee Lorenzen has an impressive academic background; he received his BA in Biology from the University of California at Berkeley. Dr. Lorenzen went to UCI School of Medicine, Research Associate in the Department of Pharmacology; did his graduate studies in Biology at Cal State Fullerton and finished up with Doctorate studies in Nutrition at Metropolitan Collegiate Institute, London, UK. Along with these educational achievements, Lee also ventured into teaching before entering into research and development. He is an active member of the American Preventive Medical Association and has been awarded 2 US Patents on Clustered Water™ technology (5,711,950 & 6,033,678).

Lee has written and narrated many video and audiotapes on nutrition and health care for the general public, and he has lectured extensively on the life sciences around the world. He has published articles in the Proceedings of the Western Pharmacology Society, Life Sciences (London), Food Technology Japan, up-to-date Food Processing and La Vie Japan.

HOW CLUSTERED WATER™ IS MADE

Clustered Water™ is designed for the human body. Dr. Lorenzen uses his proprietary Clustered Water™ Template Induction Process (U.S. Patent No. 5711950) to produce Clustered Water™ in his laboratory in California, USA.

These clusters are folded around proteins and the complex is subjected to high frequency vibration through the use of laser and ceramic systems. The protein base is then extracted.

Clustered Water™ is a non-toxic solution that beneficially impacts the body's entire systems by means of energy transference through super hydration.

Dr. Lorenzen's process is based on the theory that various types or forms of water "resonate" at different frequencies or have varying emission spectra based on structure and protein binding site. Similarly, living cells, which contain substantial amounts of water, also resonate at varying frequencies as can be demonstrated by Magnetic Resonance Imaging (MRI) technology.

Dr. Lorenzen, recognizing that water molecules possessed "memory", determined that it was possible to realign the molecular structure of water to selected, "beneficial" frequencies. When this "nanoclustered" water was introduced into the body or other living organisms it would positively influence cellular resonance and influence internal chemical and enzymatic (metabolic) reactions.

The mechanism of "imprinting" such beneficial frequencies into water requires extremely pure, distilled water. Dr. Lorenzen uses "double distilled" water, water which far exceeds the purity required by law for pharmaceutical applications.

He then applies his 14 stage patented process to create a "concentrate" of Clustered Water which can be diluted into distilled water by the consumer prior to use. The original concentrate is produced by surrounding various types of organic materials such as proteins, amino acids and other compounds with a host of 5, 6 and 7-membered water rings or clusters created through various electromagnetic processes.

The concentrate acquires or is "templated" with the resonant characteristics of the "host" material (protein, etc.). The host material is then removed from the solution, leaving the concentrate with all of the resonant characteristics of the host.

In the consumer's home, the specific frequencies or beneficial characteristics in the "concentrate" are transferred to the distilled water solution in a manner similar to that used in the original templating process as well as in the technique of homeopathy, where resonant characteristics of one group of molecules "re-imprint" their exact characteristics on neighboring groups of molecules.

As in homeopathy, no physical materials are transferred from one group of molecules to the adjacent group, only electrical characteristics, similar to a tuning fork set to vibrating at its resonant frequency will create a sympathetic vibration in selected nearby objects (or other similar tuning forks) without any physical contact between the two objects.

This templating or resonant information transfer process has been demonstrated in a wide variety of other medical experiments where active biomolecules are present.

Hence, this "homeopathic-type" templating effect or chain reaction is observed, both in the dilution process prior to use as well as in the cells where the beneficial frequency is now promulgated to other groups of water molecules in the cells.

Choosing the correct "beneficial frequencies" for mechanisms such as Dr. Lorenzen's nanoclustered water solutions can become both a complex and controversial subject wherein one tends to find little or no support within the orthodox medical community and the FDA.

In the present case, it would appear that Dr. Lorenzen's technology has either

- surpassed the bounds which FDA and orthodox medical technology has the ability to authenticate; or
- the orthodox medical community simply has little or no use for alternatives to conventional drug treatment at a cellular level. After all, there is little or no money to be made by pharmaceutical companies in selling structured water (versus expensive drugs).

In any case, science has shown that there exists an ordered array of frequencies, all related to harmonics of the major and minor musical scales, which affect all fundamental processes of

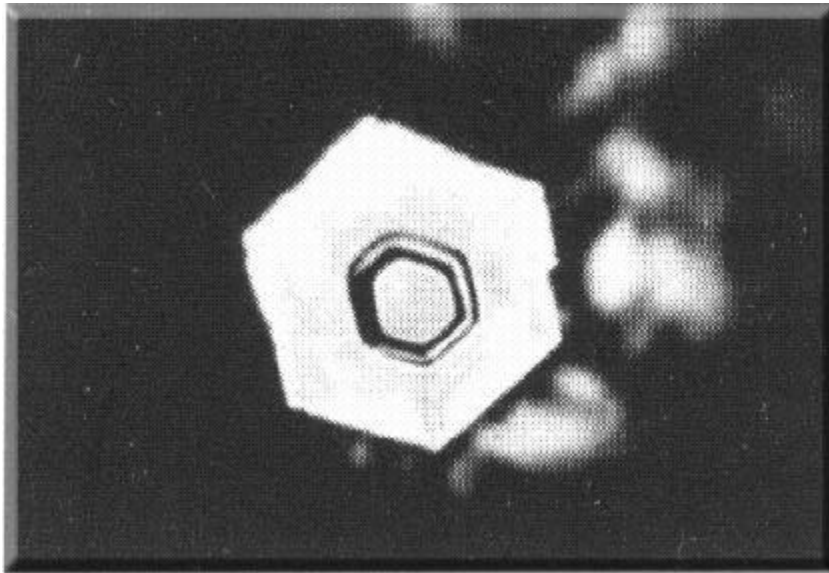
photosynthesis, mitosis (cell division), and protein synthesis. The selective use of these "beneficial frequencies" in processes such as Dr. Lorenzen's is intended to enhance cell repair, defense and maintenance functions as listed below.

Dr. Lorenzen contends that this six-sided (hexagonal) water structure is optimum for

cellular hydration;

nutrient transfer through cellular membranes;

intra and inter-cellular communication functions



Additional functions which Dr. Lorenzen claims Clustered Water provides include:

- enhanced metabolic efficiency;
- maintenance of normal electrical properties of the cells and cellular systems in the body;
- significant amplification of the effects of nutritional supplementation
- enhanced cell regeneration and rejuvenation
- bends immune protein and improves their functions
- enhances the body's immune defense system
- enhances the cellular synthesis of protein
- composes the core of the DNA of each cell
- synthesizes the liver
- interferes with pain perception (pain killer); and
- helps enzymes fold and bend so that they can be highly effective as organic catalysts in chemical reactions that take place within the cell

These two lists (above) comprise an impressive resume for nanoclustered water. However, it is to be pointed out (as Dr. Lorenzen does in his documentation) that Clustered Water is not intended to diagnose, treat, cure or prevent any disease.

Dr. Lorenzen's cellular resonant or nanoclustered water takes specific forms: that of four, five and six-sided crystals or rings when groups of his structured or nanoclustered water is produced. These crystalline forms are similar to water structures found in Lourdes, France, in steam distilled water as well as in water obtained from core drillings two miles under the North Pole.

It is interesting to note that when water taken from Lourdes is evaluated immediately and on site, the water appears to contain a wide variety of frequencies, hexagonal water ring structures and apparent "curative" effects. However, when the same water is transported elsewhere and used in a similar manner, no effects are observed and the water loses its structural characteristics.

This phenomena of "retention" is not unique to Lourdes, but does make the point that some natural, geo-magnetic phenomena exists in the area of Lourdes. However, because of the short retention time (poor stability) of that particular phenomenon, the water quickly loses its "curative" or "restorative" properties and quickly reverts to common spring water.

On the other hand, processes such as Dr. Lorenzen's which incorporate energy fields which "stabilize" the electromagnetic mechanisms preserve the electrical characteristics imprinted into the concentrate. Certain precautions are noted for the transportation, storage and use of the concentrate which are designed to prevent the nullification of these electromagnetic mechanisms in the concentrate.

Dr. Lorenzen's technology clearly proves that water is not the simple "circle and nucleus" representation once envisioned for that substance. It is a far more complex molecule which plays an active role in cell communication and thus thousands of metabolic functions.

Cellular "biowater" is an extremely complex structure that utilizes an organized or structured water format not only for enabling chemical reactions, but also for the receiving and sending of vital information within and between cells.

Dr. Lorenzen's "structured water" process is indeed unique in its mechanization. Survive Until A Cure worked with Dr. Lorenzen for 10 years and then his work was brought into the Stowe Foundation. During this period I began to develop my own thoughts about why the chronically ill consistently benefitted from structured water. My observations did not require any explanation from the field of homeopathy. They did not require any belief in subtle resonant frequencies or the templating of vibrational frequencies on the water molecules. Straight quantum physics and hydrogen orbital wave mechanics can explain structured water. Hydrogen bonding can explain structured water. Straight facilitated diffusion across cell membrane walls can explain structured water. The proton donor capacity can explain structured water. These complex details are very well explained on the website Water Structure and Science by professor Martin Chaplin <http://www.lsbu.ac.uk/water/sitemap.html>

EON – The shift from Dr. Lorenzen's complex technology to straight purification coupled with a magnetic vortex technology started with the formation of the EON beverage company in 2005. The Stowe Foundation, in looking at various means to produce structured water, settled on a pure physical process by Hydration Specialties which is a second generation of a Russian vortex technology. (Revitalized- <http://www.revitalizedbiogenic.com/howisitmade>) EON is now EON

H⁺ and is still sold in Southern California. EON was strictly structured, purified water with no added electrolytes.

Hydrate2o. EON was followed by Hydrate2o, www.hydrate2o.com. The advance made with Hydrate2o was to add the organic mineral electrolytes. This water truly mimics Bio-Water, the water inside the cells. The Stowe Foundation helped sponsor a human clinical trial on Hydrate2o with Fenestra Labs

Hydrate8X will use proprietary ultrasound technology created for Lighthouse IntelliTech to add even more energy to the covalent bonds of the water molecule and create a more efficient proton donor. [T. V. Prevenslik, Cavitation induced Becquerel effect, *Ultrasonics* **41** (2003) 323-327. That water is Hydrate8X. It will also contain the organic mineral electrolytes. So it has been an evolution. The next step will be to create functional food beverages from a combination of Hydrate8X and whole food supplements dissolved in the water. The nutrients can be targeted to specific physiological processes, organs, tissues or immune functions.

Regards,
Dr. Larry Stowe