BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

Beyond H2O: How Water Restructuring Could Reshape Modern Healthcare

01 September 2024 | Views | By Madhusudan Rajagopalan, CEO, Analemma Coherent Water

Water, the essence of life, has been a subject of scientific inquiry for centuries. Yet, recent advancements in our understanding of water's molecular structure and behaviour are opening up exciting new frontiers in healthcare. This article delves into the cutting-edge field of water structuring and its potential to revolutionise modern medicine.



At first glance, water seems simple – two hydrogen atoms bonded to one oxygen atom. However, the behaviour of water molecules en masse is far more complex. Water molecules form hydrogen bonds with each other, creating clusters and networks that are constantly shifting and rearranging. These molecular arrangements give water unique properties, such as its high boiling point and ability to dissolve many substances. But there is also still a lot that is less known about water.

In the last decades, several important, and new scientific discoveries about water have been made. We now understand how water actually is a great energy converter, the most important carrier of electromagnetic energy on earth. Renowned scientists such as Luc Montagnier, Gerald Pollack, Marc Henry, Pierre Madl, and Emilio del Giudice offer new explanatory models for the 'miraculous' behaviour of water.

Water absorbs around 70 per cent of all the electromagnetic energy in our atmosphere, making water the most important electromagnetic energy carrier on Earth. Water absorbs, and/or reacts to electromagnetic waves of 10^6 Hertz with wavelengths of about 100 metres to waves of 10^{21} Hertz with wavelength sizes of atomic nuclei. Water has the unique ability to interact with and react to electromagnetic frequencies, by constantly adapting its molecular structures. Beyond its 'simple' chemical composition 'H_2O', water has a dynamic and self-organising structure.

When it absorbs energy, water doesn't simply contain and transport the received energy. Any interaction with electromagnetic frequencies - whether electromagnetic radiation or the interaction with the frequencies emitted by chemical substances - has its effects on the physical structure of water.

Prof. Martin Chaplin (Emeritus Professor, London South Bank University) has been one of the first to describe the different movements of water molecules. The movements illustrate the flexibility of water-structures.

Water owes many of its unique properties to the polarity of its molecules and, specifically, to their ability to form hydrogen bonds with each other and with other molecules. These connections unfortunately also mean that with 'normal' chemical cleaning of water, polluting chemicals can mostly be removed, but the stressing frequencies and radiation, which came with the chemicals, and which the water has absorbed, will remain: water will hold these unhealthy structures.

Based on general Quantum Field Theory, Prof. Emilio del Giudice has explained how the molecule structures of water are actually not homogeneous. Water is composed of a mixture of two entirely different types of molecular order: so called 'coherence domains' and incoherent regions. In the incoherent regions, the quantum oscillations of water molecules are independent from each other, which means the oscillations produce little energy.

In Coherence Domains the molecules are ordered and display collective quantum oscillations with high energy. In Prof. Del Guidice's words: "Water has the possibility to produce extremely sophisticated electromagnetic fields i.e. over the course of

time the system changes from one configuration into another, which it can do with tiny leaps of energy. From where can water take this energy? From the environment! Water can take energy from the environment, from ambient noise that is chaotic, and turn it into very precise vortexes of electrons: by means of an ordered excitation, water thus generates a spontaneous decrease in entropy."

Modern science is utilising methods such as Near Infrared Spectroscopy and Aquaphotonomics to measure the exact way in which water absorbs electromagnetic waves. By looking at ultra-weak photon emissions, science is showing us the vital role of coherence in water for homeostasis. Thus, the importance of 'energetic cleaning' of water, and restoring water to its 'natural order' should be considered of increasing importance to health.

Potential Applications in Healthcare

The implications of structured water for healthcare are vast and varied. Here are some areas where coherent water could make a significant impact:

1. **Enhanced Hydration and Nutrient Absorption:** Coherent water is more easily absorbed by cells, potentially improving hydration at a cellular level. This could be particularly beneficial for athletes, the elderly, or patients recovering from illness. Moreover, improved cellular absorption could enhance the delivery of nutrients and medications throughout the body, potentially increasing their efficacy.

2. **Higher mitochondrial activity and energy levels :** Clinical studies have shown the impact of coherent water on ATP concentration levels in whole blood for humans. Regular consumption of coherent water leads to better mitochondrial activity, thereby leading to an increase in energy levels. Studies have shown a 20%+ increase in ATP levels, thereby boosting performance and fighting fatigue more effectively

3. **Detoxification and Waste Removal:** The altered molecular structure of restructured water might improve its ability to bind to and remove toxins from the body. This could have applications in treating conditions related to environmental toxin exposure or supporting liver and kidney function. However, more research is required to establish this phenomenon

4. **Reducing Inflammation:** The Glycanage study conducted by our team showed an improvement in the anti-inflammatory markers and reduction in the pro-inflammatory markers, indicating a clear improvement in inflammation levels within the body. The larger implications of this need more research studies though.

5. **Improved gut health:** Coherent water has been seen to have a clear relationship to a balanced microbiome. Studies have shown a stark improvement in the quality of the microbiome in soil, as well as of that in the human gut. This has vast implications for health, as this is a subject of much concern for health professionals, and being able to influence it with just a change in water could mean significant changes in their approach.

6. **Brain coherence:** The human brain is over 80 per cent water and a change in the structure of water to coherence shows up almost immediately in brain scans (QEEG) as more balance. This has implications for people going through stress as well as for those afflicted with disorders of the brain. This is also interlinked with the impact on gut health, given the gut-brain axis and that factor's impact on overall health of an individual.

Conclusion

Water restructuring represents a fascinating frontier in healthcare research. While more aspects of coherent / structured water come to light, the potential benefits are too significant to ignore. As our understanding of water's complex behaviour grows, we may find ourselves on the cusp of a new era in medicine – one where the most abundant substance on Earth becomes our most powerful ally in promoting health and fighting disease.

The journey from laboratory curiosity to clinical application is often long and fraught with challenges. However, if the promises of water restructuring can be realised, it could usher in a paradigm shift in how we approach healthcare, offering new hope in the field of wellness and new tools for practitioners and healthcare providers. As we continue to unlock the secrets of water, we may find that the key to many of our medical challenges has been flowing through our rivers all along.

Madhusudan Rajagopalan, CEO, Analemma Coherent Water