



HOMOEOPATHIC MEDICINE OR MEMORY

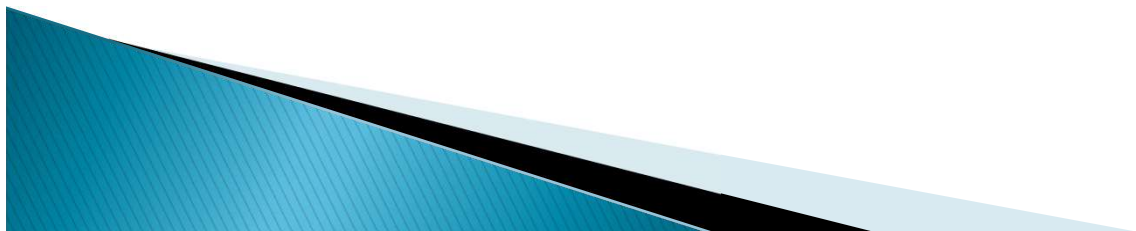
DR M K SAHANI

THE MEMORY OF WATER IS A REALITY

- ▶ Oxford, UK, 01 August 2007
- ▶ A special issue of the journal *Homeopathy*, journal of the Faculty of Homeopathy and published by Elsevier
- ▶ The 'Memory of Water' brings together scientists from around the world for the first time to publish new data, reviews and discuss recent scientific work exploring the idea that water can display memory effects.
- ▶ The concept of memory of water is important to homeopathy because it offers a potential explanation of the mechanism of action of very high dilutions often used in homeopathy

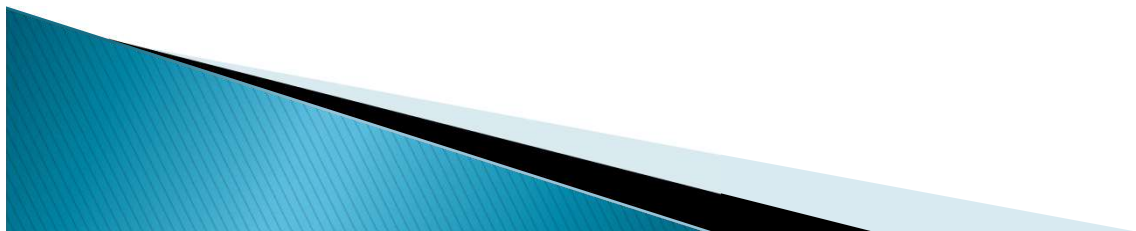
What Is Memory?

- ▶ Memory refers to the processes that are used to acquire, store, retain, and later retrieve information.
- ▶ There are three major processes involved in memory: encoding, storage, and retrieval.



MEMORY ARE STRORED ENTITY

- ▶ When we listen to something it get stored in our mind.
- ▶ These are yet invisible
- ▶ They are not observed though any mechanical means
- ▶ They are retrived with definitive purpose.
- ▶ Memory have impact on activities.



How Memories Are Formed

- ▶ In order to form new memories, information must be changed into a usable form, which occurs through the process known as encoding.
- ▶ Once the information has been successfully encoded, it must be stored in memory for later use.

MEMORY IS INVOLVED IN PROCESSING VAST AMOUNTS OF INFORMATION. THIS INFORMATION TAKES MANY DIFFERENT FORMS, E.G. IMAGES, SOUNDS OR MEANING.



Stages of Memory



Encoding

Storage

Retrieval

THERE IS STRONG EVIDENCE

- ▶ There are also mechanisms by which such solutions may possess effects on biological systems which substantially differ from plain water.“
- ▶ The concept of the memory of water goes back to 1988 when the late Professor Jacques Benveniste published, in the international scientific journal Nature, claims that extremely high 'ultramolecular' dilutions of an antibody had effects in the human basophil degranulation test, a laboratory model of immune response.

THE 'MEMORY OF WATER' IS A CONCEPT

- ▶ The properties of an aqueous preparation are held to depend on the previous history of the sample.
- ▶ There is strong evidence concerning many ways in which the mechanism of this 'memory' may come about.
- ▶ There are also mechanisms by which such solutions may possess effects on biological systems which substantially differ from plain water.

Water molecule

- ▶ WATER HAS UNUSUAL PROPERTIES IN THAT IT CAN OCCUR IN A LIQUID, SOLID (ICE) OR GASEOUS (VAPOR) STATE.
- ▶ THE ABILITY OF WATER TO RETAIN “MEMORY” OF SUBSTANCES PREVIOUSLY DISSOLVED IN IT, EVEN WHEN THERE IS A VERY HIGH DILUTION FACTOR TO THE POINT THAT NO MOLECULE OF THE SUBSTANCE REMAINS IN THE SOLUTION.



Recently, French virologist Luc Montagnier, winner of a Nobel Prize for his co-discovery of the link between HIV and AIDs, presented a quasi-homeopathic method in 2009.

- ▶ He suggested that water could retain electrochemical properties even when the solution was massively diluted. The contentions of Montagnier, a professor at Shangai Jiaotong University in China, again shocked the scientific community and were met with much disbelief.

THE WORK OF JAPANESE AUTHOR MASARU EMOTO,



- ▶ He contended that human consciousness has an effect on the molecular structure of water, became known for his beautiful pictures of water crystals.

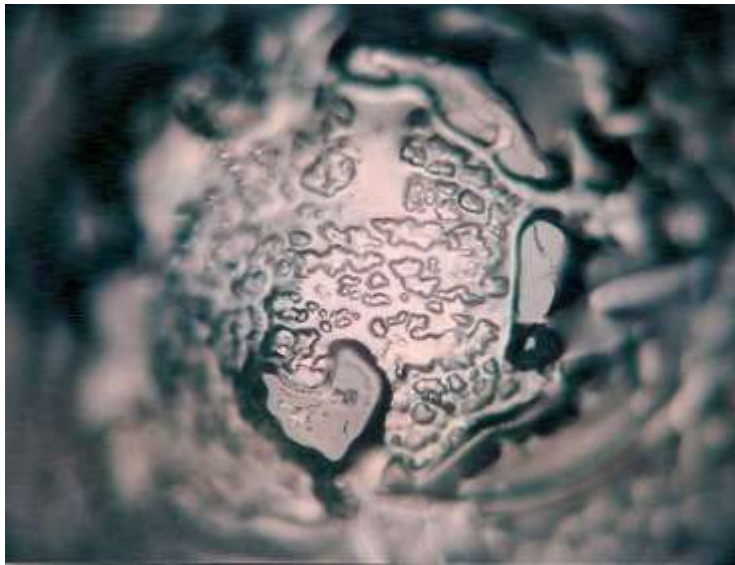


Words are the vibrations of nature.
Therefore, beautiful words create
beautiful nature. Ugly words create
ugly nature. This is the root of the
universe.

— Masaru Emoto —



DR. MASARU EMOTO WAS A JAPANESE RESEARCHER WHOSE PHOTOGRAPHS OF WATER CRYSTALS ARE RESPONSIBLE FOR PERCEIVING WATER MERELY AS H₂O MOLECULES ANY MORE



Tokyo tap water crystal photograph



Tap water crystal photograph after treatment with a Flaska bottle

WATER CRYSTALS – THE IMPACT OF MUSIC AND INTENTION ON WATER AND ON US

Effect on Water of
Immune Vibration



500 people sending
positive thoughts
to bottled water



Prayer over Water



WATER MEMORY & HOMOEOPATHY

- ▶ A homeopathic substance, even diluted to the point that it no longer can be detected by even the finest instruments in a sample of water, changes the structure of the hydrogen bonds in the water.
- ▶ Homeopaths term this supposed effect "water memory."
- ▶ Hydrogen bonds are real attractions between the hydrogen atoms in one water molecule and the oxygen atoms in that molecule's neighbors.



Medicines or not, medicinal cure or placebo effect – this kind of controversy continues to accompany homeopathy

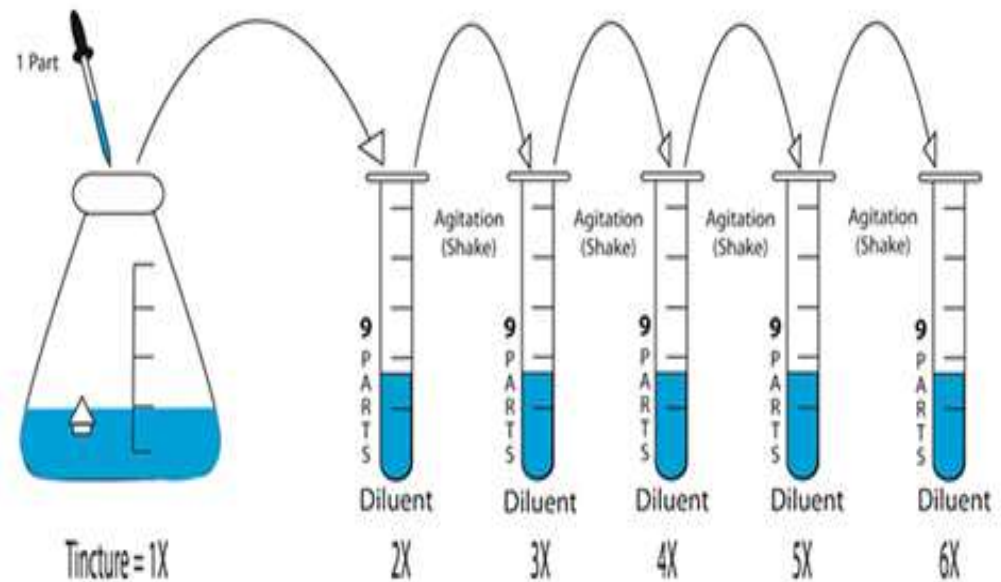
- ▶ High potency homeo-medicines lack distinctive chemical identity. They are just nano-associates of water.
- ▶ This makes investigation about their mechanism of action a pretty difficult job.
- ▶ Pinpointing the mechanism(s) and pathway(s) of action of the drug after it is administered on the tongue of a patient or an experimental animal is simply impracticable. Matsumoto suggests that interaction between cell-surface proteins and clathrate-like hydrate micro-crystals formed during homeopathic dilution process to be the primary molecular mechanism of biological responses to homeopathic medicines.



POTENCY OR DILUTION

- ▶ HOMOEOPATHIC PHARMACY IS UNIQUE
- ▶ SUBSTANCE ARE DILUTED AND STROKED TO INCREASE THE POTENCY
- ▶ HIGHER THE DILUTION HIGHER THE POTENCY

The Homeopathic Dilution Process



Process of attenuation (agitation) completed between diluents

Natural Substance

1 Drop



Mother Tincture

1 Drop

1 Drop

1 Drop

1C

2C

3C

4C

Likewise

30C

200C

1M

99 Drops
Pure Alcohol

99 Drops
Pure Alcohol

99 Drops
Pure Alcohol

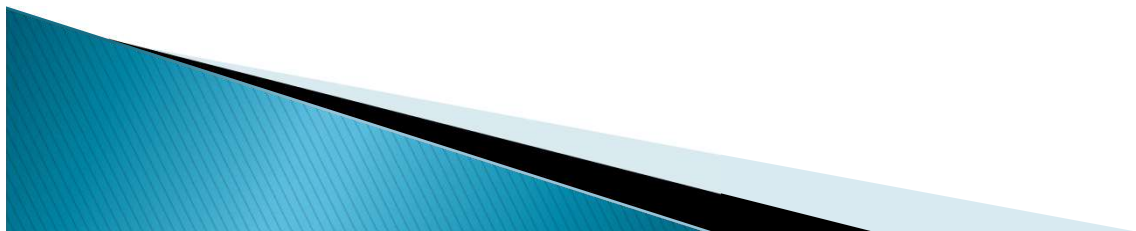
99 Drops
Pure Alcohol

A JOURNEY
TOWARD
INFINITY

More Potent, More Dilute

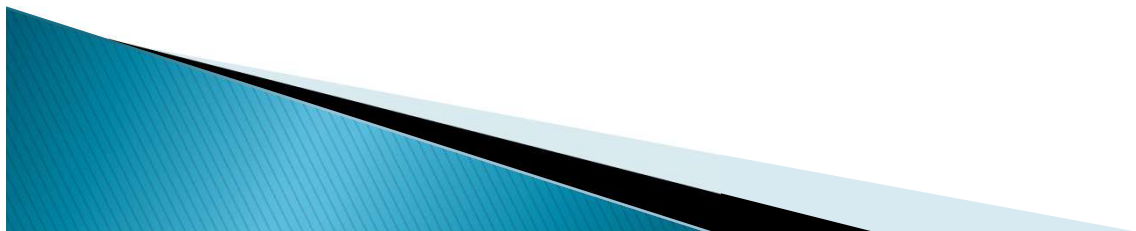
BEYOND AVAGADRO MOLUCLE NUMBER

- ▶ As per Avogadro number high potency (beyond 12c) homeo-medicines cannot have even traces of the starting material.
- ▶ So, how can they be medicines? If distinguishing chemical formula is the criterion, then they are non-medicines.
- ▶ Still, they continue to cure diseases for over two centuries. It implies a necessity to reorient our thinking.



Structural Model backed by Quantum Electrodynamics (QED),

- ▶ Structural Model backed by Quantum Electrodynamics (QED), we get the desired reorientation.
- ▶ QED predicts existence of ice-like structures called Coherent Domains (CD) in water at room temperature which is confirmed experimentally.
- ▶ These CDs are information carriers through serial dilution because their shape and size get influenced by factors like impurities, ions of other substances, large foreign molecules, physical perturbations, electromagnetic field etc.
- ▶ Unhindered by Avogadro limit the CDs continue their journey in homeopathic potentisation.
- ▶ These structures, in their turn, influence near-matching bio-molecules to serve as medicines, like antibiotics, leading to a generalized concept of medicine.



STUDY OF CELL WATER

- ▶ A study of cell water reveals that water of diseased human cells is rather disordered as compared to water of healthy cells.
- ▶ It carries an impression of diseased bio-molecules in its structure.
- ▶ As water structures can serve as correcting templates it is quite natural that introduction of suitable water structure into the body is very likely to bring the diseased bio-molecules to their normal condition and thereby restore health.
- ▶ Hydrotherapy may be working on this principle. But, for homoeopathy it may be just the starting point and a 'hint'-cure starts with structural interaction of bio-molecules with near-matching structured molecular clusters of water.
- ▶ This concept embraces low potency homoeopathic medicines also as they contain chemicals having their own specific structures as well as structured water following potentisation process.



In the domain of biology, from metabolic to curative processes, physical structure plays a very predominant role without disturbing conventional chemistry

- ▶ High potency homoeomedicines are essentially clusters of structured water molecules. They exert curative action on bio-molecules through structure-tostructure interaction.





THANK YOU

DR M K SAHANI