

AN ATTEMPT TO UNDERSTAND THE CONCEPT OF HOMOEOPATHIC PRINCIPLES THROUGH RESEARCHES, CASE STUDIES, EXPERIMENTS AND THEORIES**Kanupriya*¹, Manoj Kumar Behera² and Ambita Maletha³**

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ABSTRACT

Every science revolves around approaches, experiments and various theories. Medical science is no exception of that there are other systems which are referred as the contemporary system of medicine or alternative system of medicine such as Homoeopathy, Naturopathy, Ayurveda, Unani. As everything which is based on some principles like that Homoeopathy principles are based on some facts, theories or experiments. Dr. Samuel Hahnemann (1755-1843) gave fundamental principles of homoeopathy on which the Homoeopathic system is based. This was established 250 years ago which is far from the modern concept and was not accepted by the medical fraternity. Dr. Hahnemann faced lot of criticism during his life time. Here these principles when correlated with studies done by many researchers and they statically proved its efficacy. Homoeopathy is the only system of medicine which proves its remedies on apparently healthy human beings. It is based on the law Similia Similibus Curentur and follows the Eight fundamentals principles. Homoeopathy is only accepted by the public due to its mildness and cost effectiveness. The more controversial theory of homoeopathy is the drug dynamisation which includes the process of succussion and dilution which could not be proved scientifically till date. Homoeopaths are talking about the high dilution or highly diluted medicines which they explained by the nanoparticles theories and explained the medicines are far beyond the avogadro's number i.e. $6.022 \cdot 10^{-23}$. In this study we are trying to explain the fundamental principles of Homoeopathy by the researches based on these principles and to explain the scientific basis of homoeopathy

KEYWORDS: Homoeopathy, Fundamental principles, Basic research, Scientific proof, high dilution science

INTRODUCTION

Dr. Hahnemann while going through a book called Cullens Materia Medica which said that Peruvian bark cures the Intermittent fever like symptoms in the man because of its bitterness. This statement was quiet awful for him. To find its validity, he did the same experiment on himself by taking 4 drams of cinchona bark twice daily for several days to his utter side same malaria like symptoms in his body. This became the triggering effect to his sensible mind to invent which laid down the principles of healing art called HOMOEOPATHY hence hailed Founder and Father of Homoeopathy. The Eight Cardinal principles on which the Homoeopathy stands were discovered by Dr. Hahnemann in 1796. Homoeopathy can be defined as a rational therapeutics system with the aim of curing the sufferings of the person by administration of drugs which have been experimentally proved on apparently healthy humans beings which possess the power of producing the similar

sufferings based on the law of "**Similia Similibus Curentur**" that means "**let likes be cured by likes.**" "**Homoeopathy treats the Patients not the disease.**" says Master Hahnemann. While treating the patients, Homoeopathy considers man as a whole that is his body and the life force. It stands on eight pillars Fundamental principles 1. Law of Similia, 2 Law of Simplex, 3. Law of Minimum. 4 Theory of Drug Dynamization, 5. Theory of Drug Proving, 6. Theory of Chronic Disease, 7. Theory of Vital force, 8. Individualiation.

All these fundamental principles make the Homoeopathic system unique and different from the conventional systems. The drugs used in the system were proved on apparently healthy human being and the preparation of these medicines were based on drug dynamization process such as trituration and succussion. Medicines are potentised in such a way where the

qualities of the medicine are enhanced with minute quantity. Homoeopathy believes in the term Vital force which governs the body functions in a harmonious manner. This force helps to regulate the normal functioning of the body, mind to help us live a purposeful life. Homoeopathy believes in individualization which differentiate one individual from the other and find a specific remedy for the patient which is similar to their diseased condition. It is very artistic in its approach to form a portrait of the individual patient to find the similitum through case taking.

Fundamentals principles explained by research?

Law of Similia It states that a drug capable of producing morbid symptoms in a healthy human being can cure those symptoms in a diseased individual due to similarity of the two symptom complexes. It is based on the law 'Similia Similibus Curantur' which means like cures like. This can be shown by some research to prove its authenticity.

Teixeira MZ in 2009 concluded that after the suspension and discontinuation of Second generation antidepressants, rebound and withdrawal effects seen. They are rare but reappear in high intensity than the primary action of the drugs. The probability of such factors are depends on the patients factors such as age, diagnosis etc.^[2]

Roeland Van Wijk in 2010 concluded and explaining similia principle at cellular level in which the high doses disturb the cellular physiology and low doses are found identical so he got to know that low dose stress are increased cellular survival capacity and while the molecular level increase in the synthesis of heat shock proteins (hsps), so the initial (high dose) stress is different in nature from the subsequently applied (low dose) stress. so he concluded that the how the low doses stress conditions influence the regulatory processes underlying self-recovery.^[3]

Teixeira MZ in 2011 stated that the mechanism of action of these effects is discussed. Rebound in terms of clinical symptoms and physiological effects occur in about 40% of people taking PPIs (proton pump inhibitors), their half of the life depends upon these drugs and it increased the incidence of carcinoid tumors. This supports Dr. Hahnemann's concept of secondary action of drugs.^[4]

Teixeira MZ in 2016 concluded that after the use of palliative treatment like immunomodulatory drugs for longer time and discontinuation of these drugs shows the primary action first and followed by the secondary action in palliative mode of treatment which aggravates the disease condition and rebound (paradoxical symptoms) took place.^[5]

Law of Simplex:- In aphorism 273(6th edition), Hahnemann states that it is not permissible to administer to a patient more than one single, simple medicinal

substance at one time. Only one medicine can be the most similar to the condition of patient at any given time.

Mausavi et.al in 2009 concluded that giving the homoeopathic medicine for aphthous ulcer in 6C and 12C potency helped to reduce the ulcer pain, redness and reduced the size of ulcer while the other group (placebo group) showed no results. They also said that no adverse effect reported by homoeopathic medicines and concluded it is safe and effective.^[6]

Van Haselen RA concluded in 2015 that they collected data from the 19 homoeopathic experts by the Delphi process. They provided 31 guidelines (Hom-case) out of which 8 were used to maintain the quality and reliability of clinical case record.^[7]

Kaushik Deb Das et.al stated in 2016 that hemorrhoids were treated by individual homoeopathic remedies and were evaluated by visual analogous scale and anosopic score they considered the five symptoms like bleeding, pain, heaviness, discharge, itching and found reduction in the intensity of symptoms and patients were treated by the individual homoeopathic remedies based on the formation of totality of symptoms.^[8]

Teixeira MZ et.al studied in 2017 the role of potentised estrogen compared with placebo in homoeopathic treatment of endometriosis-associated pelvic pain (EAPP). It was 28 weeks study in which 50 women in the age group of 18-45 yrs were considered for study. EAPP under potentized estrogen were decreased from baseline to week 24 and the placebo group didn't show any significant changes. Hence they concluded that Potentised estrogen is effective in EAPP.^[9]

Law of Minimum: According to this law, minutest amount of dose of the selected medicine should be given to the patient. The minutest dose refers to the dose that is sufficient to excite the vital force and effect the change repaired. The quantity ought to be minimum yet sufficient to cure.

Paolo Bellavite et.al in 2010 stated the relationship of homeopathy with hormesis a concept was based on Arndt-Schulz Law which can be studied for low potency medicines. The results must be tested from perspective of hormesis in various preclinical experimental studies and further might be correlated to the pilot studies in human.^[10]

Bellavite et.al in 2015 concluded about homeopathic drug action at cellular and molecular levels, and presented a new conceptual model of the principle of similarity based on allosteric drug action that shows low and high dose produces the similar disease symptoms and are effective but low dose produces the pathogenic symptoms and react to external stimuli which is based on homoeopathy.^[11]

Menachem Oberbaum in 2015 explained the homeopathic dose process by the help of Arndte-Schulz law in comparison with the modern medicine that in homeopathy the low dose stimulates the action and high dose inhibits the action and vice versa in modern medicine.^[12]

Iris bell et, al in 2015 concluded that they are trying to find the nanoparticles in homeopathically prepared medicines but they needed high levels of nonlinear biological amplification but low doses certainly contain NPs and perhaps micro-sized particles coated with lactose. While the, succussed higher potency homeopathically-prepared liquid medicines contain not only natural source NPs, but also silicates from the glassware in amounts not seen in plastic container^[13]

Doctrine of Drug Proving: Only those medicines are allowed to be prescribed in Homeopathy whose drug proving has been conducted. Drug Proving is the process of investigating the disease producing power of medicines on healthy human beings which becomes its curative power in treating sick individuals.

Jansen JP et.al reviewed that at the time of Hahnemann the guidelines were different and now some of the new rules added in place of Hahnemannian guidelines for drug proving replaced by Human Pathogenetic Trials (HPT), Double blind Placebo controlled trials, Pre and Post clinical investigation, Redefined health definition, Masking, Randomization, and Gold Standard were added which improves the quality of homeopathic remedies with scientific explanation and which is unbiased.^[14]

Milgrom Lionel concluded in 2005 that to check the efficacy of homeopathic individual remedies it relates with the Patient Practitioner Remedy(PPR) entanglement and conducted the Randomized controlled trials which sometimes give positive results and sometimes give negative results. And these results used in the manufacturing of remedies.^[15]

Vithoulkas G stated in 2017 stated that only the specific medicines are used for the trials, specific medicines were used for a specific disease. which doesn't follow the Homeopathic principles and their study design fails because Homeopathy is for individual.^[16]

Theory of Chronic Disease:- It states that chronic diseases are caused due to miasms. Those chronic miasms are Psora, Syphilis and Sycosis. Cure is only possible by proper anti- miasmatic treatment. This theory was introduced in the Organon Of Medicine in its 4th edition (1829).

H Montfort-Cabellin 2004 stated that Cellular pathology has led to an understanding of the basic repair mechanisms of every cell and tissue. Main mechanisms are molecular repair, apoptosis and cell proliferation. Failure of these mechanisms leads to 'dysrepair'. This

leads to new interpretation of Miasms in which Psora leads to Dysmolecular, Sycosis leads to Dysproliferation and Syphilis leads to Dysapoptotic.^[17]

Milgrom LR in 2004 stated that non-linear quantum theory could be used for PPR entanglement and discussed in relation to the treatment of miasms. In this model, miasms are imagined as disease entities behaving like solitary waves, or 'solitons' which, were trapped in a therapeutic state space, requiring equally soliton-like (miasmatic or high potency) remedies to effectively 'annihilate' them. which worsen the past, present and future, aspects of persons which reacts like psychodynamic therapies and cure Miasms.^[18]

Theory of Vital Force: It states that vital force is the dynamic energy that animates the material body and its functions. It is the vital force which maintains the functions and sensations of the organism in health. When vital force gets deranged due to any morbid dynamic influence, sensations and functions of body alter abnormally, showing certain signs and symptoms, which we term as disease. In order for the cure to happen, this deranged vital force needs to be rearranged dynamically.

According to Milgrom in 2004, he explained quantum theory which describes the Homeopathic therapeutics process in terms of PPR and concept of Vital Force. Combining these two with the semiotic geometry leads to journey of cure. This semiotic geometry approaches give the patient perspective and physician perspective which narrates about the disease space. Through all these we evaluate the patient. Geometric figures get which leads to journey of cure combining the patient perspective and physician perspective. The semiotic geometry represents the physician and patient perspective which can be seen from outside in the physician perspective and inside in patient perspective both leads to journey of cure.^[19]

Milgrom in 2004 had proposed a theory which was assumed on Cartesian theory it based on double blind placebo control trials were conducted, then we get the precise (symptoms) of the patient & it correlates with the gyroscopic concept this paper was published to know the effects of homeopathic medicine which is considered as placebo in world. Homeopathy was explained by Non locality, Complimentarily & entanglement in the previous researches.^[20]

Milgrom in 2006 concluded that quantum macroentanglement is proposed a mathematical model of vital force which has been formulated. He describes the vital force in terms of gyroscope with an angular momentum and vital force in a state of health represents the wave function. The gyroscope with an angular momentum represents the state of health and disease in terms of vital force. Vital force (Gyroscope) represents as a barking torque (disease) decreases the angular momentum which shows precess (express symptoms)

When a therapeutic remedy is administered it increases the angular momentum and decreases the precess i.e reduced symptoms expression the remedy administer accelerates the torque and gyroscope cover his angular momentum. If vital force is in diseased state it disturb the angular momentum and shows the precess and the therapeutic remedy completes the angular momentum and less the precess of vital force.^[21]

According to Milgrom 2014 he explained in the language of therapeutics, he said that practitioners act as 'mirrors' for the patients. Taken from the mathematical formula of quantum theory, ideas of entangled, coherent wave-functions acts as metaphors for the homeopathic process, this mirror-like activity can also be seen in the integral part of the curative therapeutic encounter. The theoretical investigation reported to develop the metaphor for further suggesting the effects of the practitioners mirror like reactions on the patients vital force during the therapeutic encounters, it may be likened by the operations by which the lasers function. It seems as the essential laser operation of the parallel mirrors placed at both ends of the laser's resonant cavity.^[22]

According to Kanupriya *et al.* in 2019, explained the vital force theory by various models and experiments in which they tried to show the presence of vital force in the body and how it works. They related it with the quantum theory. Torque like action, concept of spin, PPR model and gyroscopic model and to explain that how these all related to vital force and helps in removal of the diseased from the body and regain its position back like the vital force in health.^[23]

Doctrine of Drug Dynamization: It is the process by which the medicinal powers of the natural substances which are inert in their crude state are awakened. The methods used for potentiation are Trituration for insoluble substances and Succession for soluble substances.

Barun Kumar Chatterjee in 2014 explained that the homeopathic medicines are highly diluted by the process of succession. The medicines have less no. of medicinal particles in it which is difficult to identify. In this he tried to verify the Nano-particles and found that the medicines are far beyond the Avogadro's number $6.022 \cdot 10^{-23}$.^[24]

MARCIN MOLSKI Explained potentiation can be explained by the means of potentiation time and molecular dispersion. The two process take place at the micro level. And first is the molecular dispersion and second is the removal of active molecule from the tincture. Both are related with the time and measurement of the shaking time and dilution time, and it all done by the West Brown Equation (WBE). This is going to calculate the times of the molecules and solvents to

stimulate the vital force. This function is a special case of the WBE function describing the ontogenic growth.^[25]

Individualisation: It is the process of differentiating a person or object from a group of similar persons or objects. Homeopathy recognizes individuality of drug substances. Each medicine is peculiar in its action than other drugs. Individualization in patients is also carefully done, While treating or approaching a particular case at given point of time.

Fundamental Principles Understanding Through the Experiments and Proposed Theory

The main aim of writing this paper is to explain the fundamental principles of Homeopathy in terms of research. As there is lot of controversy against the Homeopathic system and it is considered as an unscientific system. Here is our first attempt to explain the basic principles of Homeopathy through some relevant experiments and researches done earlier. We tried our best to collect as much as information we could gather and tried to mention them as a scientific system of medicine. Many research papers show that our principles are not theoretical, they are based on experimental proof which has a logic behind it. The most controversial law of homeopathy is drug dynamisation which have attempted to explain in their own way many researchers but still much needs to explain people. For this we need more technologies and collaboration with the molecular biology, Biotechnology and new modern concepts. We need to explain these Homeopathy laws with more researches to satisfy the quest of people.

CONCLUSION

The above study shows the evidences of Homeopathy Fundamental laws with the studies done by researchers. We tried to the best of our ability to provide a substantial explanation to validate its authenticity and efficiency and give more evidences which should be truly scientific and an updated version of this system which rise a new world towards Homeopathy.

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