



PHYSICS IN HOMOEOPATHIC POTENTIATION

DR. M K SAHANI, PhD

HOMOEOPATHIC POTENCY IS MOST UNIQUE CONCEPT IN THE HISTORY OF MEDICINE

- **Law of similia have basic requirements to be applied at every level of its uses**
- **Similarity at symptoms**
- **similaity at invisible remedies for vital principle**



MEDICINE BEYOND MOLECULES

“

**“The combination of
succussion and serial dilution
Hahnemann called
“potentization” or
“dynamization”..**

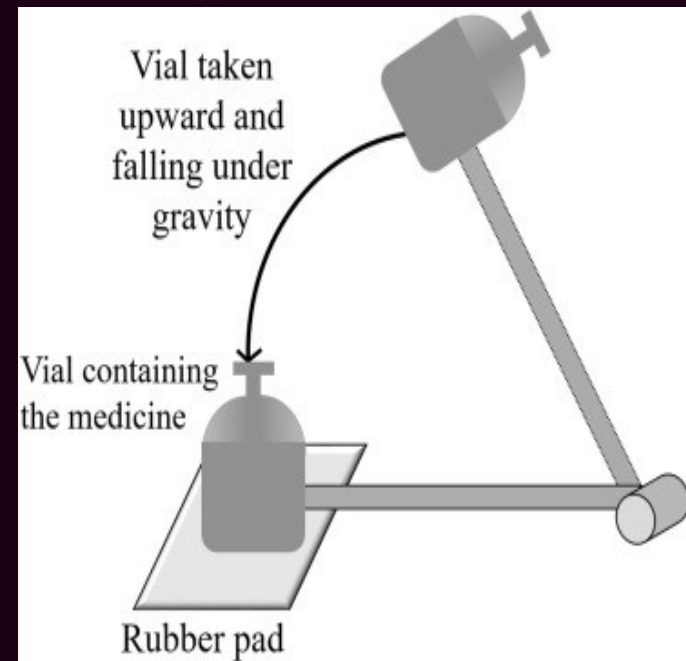
SUBSTANCE IS SUCCUSSED AND DILUTED,

“

➤ **“The assertion that by a mere succession and serial dilution the therapeutic power of a substance can be increased without limit while nullifying toxicity, certainly seems to violate our usual understandings of physics and chemistry”**

SUCCESSION

- In the quantum state electrons exist in a series of configurations or orbitals
- These orbitals exist in strictly pre-defined states that are able to house a specific number of sub shells which house a specific number of electrons.
- The larger the size of the orbital, the greater the number of electrons that can be accommodated in that orbital.



THE PROCESS OF SUCCUSSION

- **The process of succussion involves the shaking of the dissolved homeopathic substance against a hard surface**
- **Succussion adds air to the solution, and air contains oxygen which itself contains electrons.**
- **Thus the process of succussion acts to add more electrons to the solution through the addition of oxygen to it.**

SUCCESSION CAUSES MORE ELECTRON SHELLS TO BE FILLED IN.

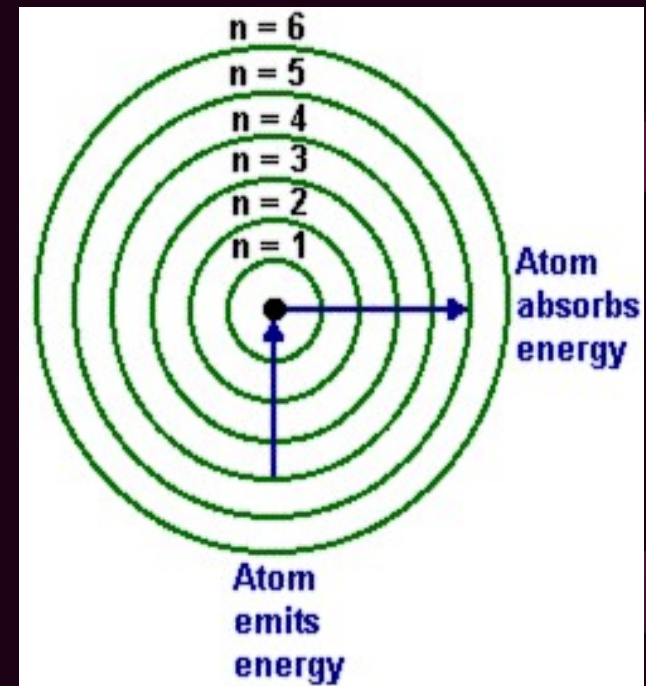
- **As Each Electron Shell Is Filled, The Energy State Becomes Higher With Each Subshell.**
- **The Principle Of Succession Relates To Electron Configuration**

SUCCESSION IS IN CONFIRMATION OF ELECTRON CONFIGURATION OF BOHR'S POSTULATION

- **The process of succession also makes the bond length shorter between atoms and in this way the information in the higher electron orbital are more tightly bound within the quantum field.**

BOHRS ATOM MODEL

- **Number or energy of the electron is increased via photon absorption.**
- **The increased field size area, with each increasing orbital**



Postulates of Bohr's Atomic Model

- **Electrons revolve round the nucleus with definite velocities in concentric circular orbits situated at definite distances from the nucleus. The energy of an electron in a certain orbit remains constant. As long as it remains in that orbit, it neither emits nor absorbs energy. These are termed stationary states or main energy states.**

BOHR'S SECOND POSTULATIONS

- In an atom, electrons can change orbitals.
- On each orbital, the electron has some defined energy.
- The energy of the electron is different on different orbitals.
- The bigger the orbital, the bigger the energy.
- If the electron changes from a higher orbital into a lower one, then it emits a quantum of energy that is the same as the difference of energy between the energy of the higher and lower orbitals"

BOHR'S SECOND POSTULATIONS-CONTD

- To change a lower orbital into a higher one, the electron has to absorb an adequate quantum of energy.
- The quantum of energy is proportional to the frequency of the emitted radiation.”

BOHR POSTULATE REGARDING THE FACT THAT IN ORDER TO CHANGE FROM A LOWER ORBITAL TO A HIGHER ONE, THE ELECTRON NEEDS TO RECEIVE AN ADEQUATE QUANTUM OF ENERGY,

- **In the process of succussion of a homeopathic remedy that provides the “adequate quantum of energy” for the electron to go to higher orbitals.**

BELIEF IN HOMOEOPATHIC CIRCLE

- **In Homeopathic Circles It Is Implicitly Understood That When Preparing A Homeopathic Remedy From A Gross Substance,**
- **It Needs To Be Shaken Hard Many Times (Ten, Twenty Or One Hundred Times) For Each Succussion Process.**

SUCCUSSION OF OVER TEN TIMES GIVES MORE ELECTRONS TO THE SOLUTION

- **Since Shaking Add Oxygen (Air) To The Solution Which Itself Contains Electrons.**
- **It Is This Increase In The Number Of Electrons Provided By The Succussion Process,**
- **This Causes The Electron Shells To Be Filled And The Electrons Go To Higher Orbitals.**

**WITH CONTINUED THE SUCCUSSION
PROCESS MORE AND MORE ELECTRONS
ARE ADDED TO THE SOLUTION**

- **When the electron shells become full up to the 5f orbital, the electrons exist in an excited state.**

HIGHER EXCITED ELECTRON SHELL STATES CONTINUES TO BE FILLED WITH SEQUENTIAL SUCCESSION

- It is these higher electron shell states that continue to be filled with sequential succession. These higher orbital states have a more complex electron configuration pattern (l), higher energy (n) and hold greater units of information (ml).

DESCRIPTION OF THE FOUR QUANTUM NUMBERS OF AN ELECTRON

1. l = orbital angular momentum = the electron orbital configuration pattern = describes the subshell (e.g. (0 = s orbital, 1 = p orbital, 2 = d orbital, 3 = f orbital, etc.)). (0 = s orbital, 1 = p orbital, 2 = d orbital, 3 al, etc.).

2. n = energy of the photon = describes the size of the orbital (i.e. length of the Bohr radius)

3. m_l = total angular momentum of the photon = describes the specific orbital within the subshell (e.g. d orbital contains 5 possible values of either -2, -1, 0, 1 or 2). It is the variance in the possible number of values in orbitals that creates the variance in the informational capacity.

4. m_s = intrinsic angular momentum of the photon = describes the spin state of the photon – i.e. spin up or spin down

SEQUENTIAL SUCCESSION FILLS ELECTRONS IN THE HIGHER SHELL

- **It can be proven that the process of sequential succession of a homeopathic medicine acts to fill electrons into higher and higher electron shell states by virtue of the addition of oxygen atoms and their associated electrons.**

SEQUENTIAL TRANSFER TO HIGHER & HIGHER

- Since the electron contains the four quantum numbers of the original substance being potentised, then it follows that the quantum numbers of the substance (i.e. its quantum signature of m_s m_l n and l) are sequentially transferred to higher and higher informational states with each subsequent act of succussion, as the electron subshells are filled via the succussion process.

THERE IS NO LIMIT TO THE NUMBER OF ELECTRON ORBITALS

➤ There is no limit to the number of electron orbitals (they can potentially go to infinity), so too is there no limit to the number of potencies of homeopathic medicine, since the four quantum numbers of m_s and m_l , n and l can exist in any electron orbital state. With each subsequent increase in homeopathic potency there is a concomitant increase in the size of the orbital of its electrons.

A HOMEOPATHIC POTENCY REPRESENTS A LARGER ELECTRON ORBITAL SIZE

- They contains higher n , l and m_l states compared to the unsuccussed state.
- Serial succussion results in an increase in energy and size of the informational field.
- The higher the homeopathic potency, the higher the number of the n , l and m_l states of the homeopathic medicine
- and thus the larger the size of the electron orbital and the larger the informational field size of the orbital”.

ELECTRON ORBITAL CONFIGURATIONS COME IN DIFFERENT SHAPES AND SIZES

- They are described by the orbital angular momentum quantum number or l . This quantum number (l) describes the number of subshells in the orbital and thus shows the total number of electrons in each orbital.

EACH ORBITAL HAS A PARTICULAR NUMBER OF SUBSHELLS WITH INCREASING NUMBER OF ELECTRONS

<i>s</i> subshell	<i>p</i> subshell	<i>d</i> subshell	<i>f</i> subshell
$\ell = 0$	$\ell = 1$	$\ell = 2$	$\ell = 3$
$m_\ell = 0$	$m_\ell = -1, 0, +1$	$m_\ell = -2, -1, 0, +1, +2$	$m_\ell = -3, -2, -1, 0, +1, +2, +3$
One <i>s</i> orbital	Three <i>p</i> orbitals	Five <i>d</i> orbitals	Seven <i>f</i> orbitals
Two <i>s</i> orbital electrons	Six <i>p</i> orbital electrons	Ten <i>d</i> orbital electrons	Fourteen <i>f</i> orbital electrons

THERE IS AN INCREASED L AND ML NUMBER WITH EACH SUBSHELL.

- The m_l represents the total angular momentum or magnetic quantum number which becomes greater with each subsequent subshell
- Not too that the m_l of the f subshell can contain a greater amount of numbers (i.e. a greater informational content – 7 possible values or “bytes” of information - -3, -2, -1, 0, +1, +2, +3) than the p subshell which can only hold 3 possible values of “bytes” of information – i.e. -1, 0 and 1.
- Thus it is the case that with each increasing subshell, there is a concomitant increase in informational capacity

DIAGRAM OF THE BOHR MODEL OF THE ATOM SHOWING THE INCREASED NUMBER OF ELECTRONS WITH EACH INCREASE IN ELECTRON ORBITAL

- it is the increased number of electrons that occur with each subsequent increased electron orbital number that represents a higher potency of homeopathic medicine.

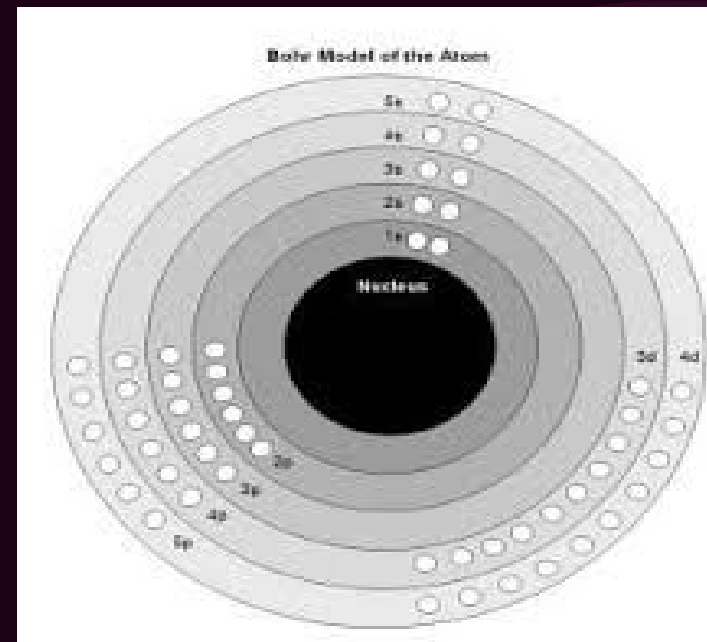
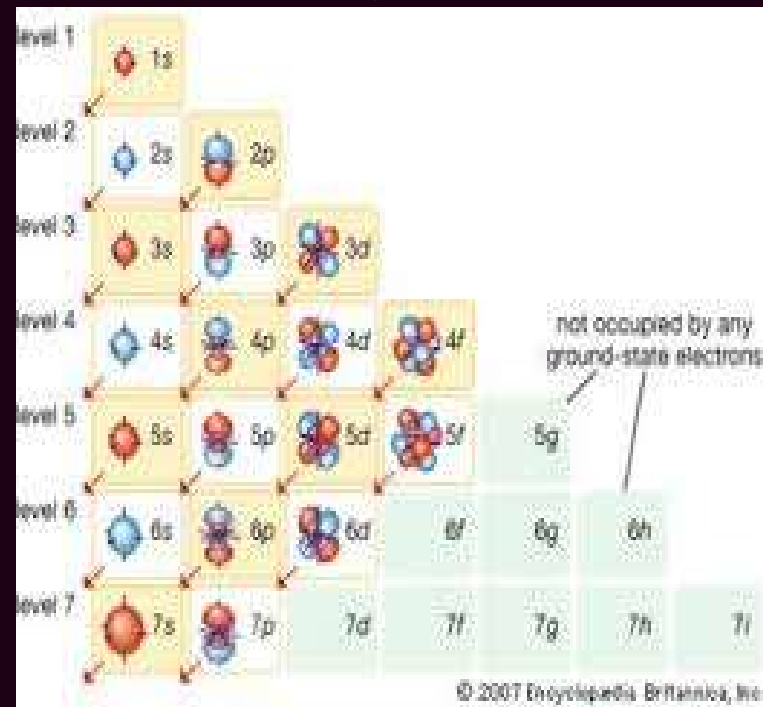


DIAGRAM THE LIMIT OF PARTICLE STATE IS THE *5F ORBITAL*, AT WHICH POINT THE ELECTRON ORBITALS ARE NOT OCCUPIED BY ANY GROUND-STATE ELECTRONS BUT EXIST ONLY IN THE WAVE STATE.



IT IS 5F ORBITAL THAT THE LIMIT OF THE PARTICULATE STATE OR LIMIT OF MATERIALITY, BEYOND WHICH NO MATERIAL PARTICLE STATES EXIST

- **This is the point of Avogadro's number or the point at which no particle of the original substance exists at all.**
- **Avogadro's number is 6.023×10^{23} and corresponds to homeopathic potencies of 12C or 24X (1 part in 10^{24}).**

POINT OF THE 5F ORBITAL OR LIMIT OF MATERIALITY OR PARTICLE STATE

- It is beyond this 5f orbital (e.g. 6f, 7d, 7f, 6g, 7g, 6h etc) that the original substance still exists but only in the excited state.
- Homeopathic medicines above the 12C potency level exist in the electron orbital states above 5f.
- This means that they do exist but not at a material level but only exist in the wave (n) and informational or wave function (ms:ml) state – i.e. the excited state.

IT IS THE HIGHER ENERGY STATE OF HOMEOPATHIC MEDICINES ABOVE THE 5F ORBITAL THAT GIVE THEM THE ABILITY TO OPERATE AT A QUANTUM SCALE WITHIN ORGANISMS

- **This is the reason why homeopathic remedies are able to operate at an energetic level, since they not only exist at a material dose or particulate state, but also have the ability to exist beyond the material state of the 5f orbital into the higher orbital numbers and excited states (e.g. 5g, 6f, 6g, 6h, 7d, 7f, 7g, 7h, 7i etc)**

THIS WAY IT CAN BE EXPLAINED THAT HOMEOPATHIC MEDICINES OPERATE NOT ONLY IN THE PARTICLE/GROUND STATE BUT ALSO IN THE WAVE OR EXCITED STATE

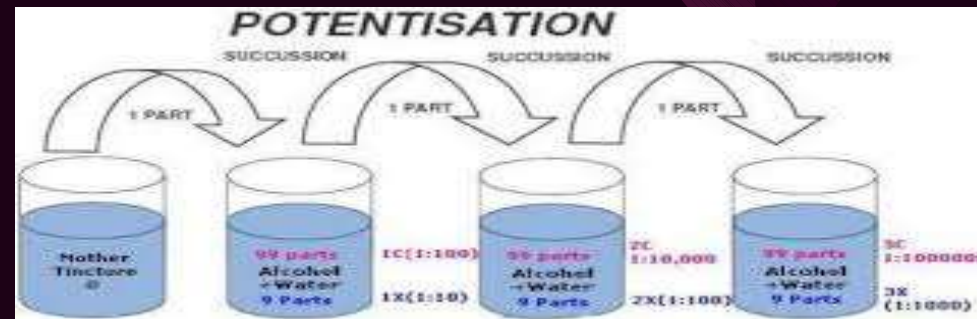
- **It is the ability of homeopathic medicines to operate in the wave state (i.e. beyond 5f orbital) that renders them with the ability to operate in higher and higher energy or higher potency states**

“

➤ **“This is the reason why homeopathic medicines of high potency (e.g. 200C, 1M, 50M) are so powerful since they operate at very high energy levels or very high n quantum number states”**

➤ The physics of succussion of a homeopathic medicine is only half the story of the process of potentisation. The other half is explained by the physics of dilution

PHYSICS OF DILUTION



THE SUCCESSION PROCESS PROVIDES THE QUANTUM OF ENERGY REQUIRED FOR AN ELECTRON TO JUMP TO A HIGHER ORBITAL

- **via its ability to increase the number of electrons, it needs to be implicitly understood that a higher orbital exists in a larger size field or larger sized area**

THE HIGHER THE ELECTRON ORBITAL THE BIGGER THE SIZE OF THE ORBITAL

- The process of dilution provides the increased spatial volume in which a larger electron orbital can be housed.
- The dilution of a succussed homeopathic medicine provides the space in which the bigger electron orbitals and larger number of electrons can exist.

AN ANALOGY OF THIS PROCEDURE IS OF A COUPLE LIVING IN A ONE-BED ROOMED HOUSE ABOUT TO GIVE BIRTH TO TRIPLETS

- They simply would not all fit, or operate efficiently under such conditions in a one bed roomed home.
- To solve the accommodation problem, if the couple moved to a four bed roomed house before the triplets are born,
- Then everyone is able to fit into the space and the entire family can function effectively once the triplets arrive

ANALOGY

IN ORDER FOR THE LARGER ORBITAL SIZE OR HIGHER SUB SHELL NUMBER TO BE HOUSED OR A HIGHER POTENCY OF A HOMEOPATHIC MEDICINE TO EXIST

- **There needs to be an increased spatial volume created before the succussion process takes place, where more electrons need to be housed.**
- **This increased spatial volume is provided by the process of dilution.**

The increase in the number of electrons that arise as a result of the succession process are able to be comfortably housed in the bigger spatial volume provided by the process of dilution beforehand.

it is the dual actions of dilution and succussion during the process of homeopathic potentisation that provide the original particle state (i.e. electrons within original substance to be diluted) with the ability to exist in sequentially higher and higher energy states, since a higher subshell number is associated with a higher energy state or longer Bohr radius or greater n number

IT IS THE ABILITY OF HOMEOPATHIC SUBSTANCES TO EXIST BEYOND THE 5F ORBITAL, (I.E. BEYOND THE GROUND STATE OF ELECTRONS) THAT RENDERS THEM WITH THE ABILITY TO EXIST IN INCREASINGLY HIGHER EXCITED STATES

- **It is these higher energy states of the bigger subshells, that give a homeopathic medicine the ability to be increasingly potent with each increase in energy level or n quantum number**

HIGH POTENCY HOMEOPATHIC MEDICINES HAVE A LONGER BOHR RADIUS (N) AND A LARGER NUMBER OF INFORMATIONAL VALUES IN THEIR ML NUMBER, AND THUS HAVE THE CAPACITY TO HOLD HIGHER ENERGY LEVELS AND RETAIN HIGHER INFORMATIONAL STATES

- **The longer Bohr radius (n) is able to house the greater number of values provided by the magnetic quantum number or units of information held within the total angular momentum – ml**

THANKS!

Any questions?

risdth@gmail.com