

## Behaviour Of Calcium

Dr. KumKum Kalra\*

\*Asst. Professor Smt. AJSHMC, Mehsana, Gujarat, India

**Abstracts:** Background: There are so many elements found in the earth which are very essential for living being but we cannot take it in raw form. In Homoeopathy by the method of potentization rawness of element converted into dynamic form & hidden property comes out. Each & every aspects of materials come in the form of its symptoms. So with the help of this we treat the deficiency & disorder of human being. [Kalra K NJIRM 2016; 7(2):143-146]

**Key Words:** Elements, Potentization, Property, Dynamic, Deficiency, Disorder, Symptoms.

**Author for correspondence:** Dr. Kum Kum Kalra, Asst. Professor Smt. AJSHMC, 36, Kunal Residency, Opp Sahara Township, Rashanpur Road, Mehsana, Gujarat. E-mail: drkumkalra@gmail.com

**Introduction:** Behaviour means the way in which one acts oneself especially towards others either it is behaviour of human being or elements. Each element in the earth has its own nature. Calcium is the chemical fifth most abundant element in the earth crust. It does not found free in nature. The element name "Calcium" comes from the Latin word "calcis" meaning "lime". It is alkaline earth metal (i.e. in group 2 of the periodic table) approximately 2% of our total body weight. In Our body 99% of calcium is in the skeleton, teeth & remaining 1% in the blood. It is essential for living organisms. Pathological condition arising when abnormalities of calcium metabolism found that indicates its importance in our body. It plays role in regulating the permeability of cell membranes of sodium & potassium. As a major material used in mineralization of bone, teeth & shell. Vit.D is essential for Ca absorption by the human body. Vit. D is converted to a hormone which causes intestinal proteins responsible for Ca absorption to be produced. It is also important for cardiac function and blood coagulation abnormal blood calcium levels may cause abnormality of the function of body. Without Ca the skeletal muscles would be found in constant contraction. Calcium dampens the irritability of nervous system up to paralysis of muscles and nerves. By triturating method oyster shell i.e. crude state of calcium are developed into active medicines and every drug subjected to it is brought nearer to animal life.

**Discussion:** About Calcarea: CALCAREA has the basic delusion that the other will observe his confusion. This leads us to first central theme of the Calciums namely the sensitivity to what others will say about him or think about him. This sensitivity is not quite as obvious as that in Calcarea phos. But this will later become clear in Calcarea Suph. Where the sensitivity is obviously present in the desire to be appreciated.

What Others Will Say About Him: The Calcium constantly worries about that what other persons will

think about them. It is typically expressed in the form of symptoms i.e. "others will see his confusion"; in the form of delusion and besides that they are not so incapable at all.

Sensitive To Criticism: The fear that others will not think them good enough will express itself in the form of sensitivity to the criticism. The original situation of the Calcium could be that of about another person who has openly criticized them. They are especially very much sensitivity to be criticized in the midst of the public. Something like that has to be done in the privacy according to them.

Insecurity Feeling: The remedies prepare from the middle layer of inner part of the Oyster shell. Thus one of the features of Calcarea is protection & withdrawal. Their withdrawal make protective layer around them. Another strong aspect of Calcarea is fear that other will think wrong about them is the basic theme of the in secured feeling. The Calcarea patients is very much uncertain about themselves. They constantly compare themselves with others but they might not do this openly as this might be happening quietly inside them.

Fears : As they are constantly comparing themselves with others they will naturally have many fears. The fear to be disapproved lead to the abnormality in the behaviour There is fear of loss, fear of disease, fear of poverty, fear that something in the future will go wrong etc. And all this feels to the patient before anything really is happening i.e. it is a form of strong anticipatory fear.

Protection And Withdrawal: The way the Calcium protects them is by fending off. They withdraw and build a protective layer around themselves. Like an oyster that surrounds his soft body with a hard and protective layer of shell; they withdraw into their shell. This method of protection has a passive character. They always wait rather than to act. Calcarea are very

much useful in affections of infancy and childhood; when growth must be accomplished. They all favor the development of bones and others tissues.

Osseous System Including Cartilages : The carbonate of lime is a necessary constituent of all the tissues of the body, both hard and soft. It forms more than fifty percent of the substance of the bone and teeth and gives their solidity to the soft and growing tissues, muscles and nerves. Lime is an essential food, promoting cell growth and nutrition and it is found in abundance in the inter-cellular fluid of the body and also in the smaller quantity in the blood. The withdrawal of the salts of lime from the body produces an atonic state of the vegetative nervous system, thereby causing imperfect ossification from lack of the carbonate of lime, as found in children with slow dentition, late closing of the fontanel's, walking at a late date, caries of bone and a general state of rachitis.

Lymphatic Glandular System : The lymphatic glandular system has got major affection of the mesenteric glands in particular which are hypertrophied and are in atonic condition. A general disorder of the secondary assimilation prevails and the digestion of food and its absorption in the blood and tissue does not proceed as it should do.

Skin : Pale, dry and flabby skin. Hair dry and looks like a tow, Head and upper parts of body perspires profusely. Feet perspires and feel as if they had cold damp stockings upon them continually. Sweat smells sour. Unhealthy skin and it often ulcerates from the slightest cause.

Mucous Membrane : Catarrhal condition with increased secretion of the mucus.

Blood : Calciums produce hydraemia, anemia and general lack of R.B.C with increase of the water due to imperfect assimilation of the food. All the calcarea increase the motility and phagocyte activity of the leucocytes.

Clinically: For swollen glands espl. Tonsils, Thyroid and Myomas. Hypothyroidism, Anemia, and Leucocythaemia.

Pathogenesis Of Calcarea Group: Calcarea has special centers of action over the following systems: -

*OSSEOUS SYSTEM*: - Non - Ossification, Rachitic & Caries.

*LYMPHATIC GLANDULAR SYSTEM*: - Atony & Hypertrophy.

*SKIN*: - Pale, atonic, flabby skin with copious perspiration.

*MUCOUS MEMBRANE*: - Catarrhal mucorrhoea.

*BLOOD*: - Hydraemia, anemia & Leucocythemia.

General Characteristic:

1. LOCATION : Left Sided.
2. CONSTITUTION : Fat, fair and flabby with profuse perspiration, plumpness and easy exhaustion except calc. Phos.
3. TEMPERATURE : Chilly, < cold, < damp. General or Local coldness i.e. epigastria Palms, soles, vertex, etc.
4. PERSPIRATION : Profuse on the back of head and neck.
5. TIME : < 15 hrs.
6. DESIRES : Indigestible things, sweets, eggs.
7. AVERSIONS : Tobacco, coffee, meat, milk.
8. MENSES : Profuse; myomas; early puberty.
9. SLEEP : Usually sleeps on stomach.
10. CONGESTIONS : Flushes of heat.
11. STAMINA : Lack & physically weak.
12. SKIN : Unhealthy, Oily, Waxy and Shiny.
13. PAIN : Throbbing, Shooting, Pricking, Burning Pains here & there
14. PERIODICITY : Moon phases.
15. TOLERANCE : Cannot tolerate tight clothing specially around waist.

16. AFFINITY : Barytas, Carbonates,  
Phosphates, Chloride, Sulphates.

17. MODALITIES : < Cold in general  
< Exertion  
> Heat in general  
> Rest  
> Lying on abdomen

Calcareas are intellectual but imbalance between the physical & mental. Due to this imbalance & also their passivity they develop depression, despair & lost interest in work & business.

Calcium group includes following number of drugs:

- |                                |                                 |
|--------------------------------|---------------------------------|
| 1. <u>Calcarea Carboica.</u>   | 2. <u>Calcarea Phosphorica.</u> |
| 3. <u>Calcarea Muriaticum.</u> | 4. <u>Calcarea Sulphurica .</u> |
| 5. <u>Calcarea Nitricums.</u>  | 6. <u>Calcarea Flouratums</u>   |
| 7. <u>Calcarea Bromatums.</u>  | 8. <u>Calcarea Iodafums.</u>    |
| 9. <u>Calcarea Acitica.</u>    | 10. <u>Calcarea Arsenica,</u>   |
| 11. <u>Calcarea Costica</u>    | 12. <u>Calcarea Chlor.</u>      |
| 13. <u>Calcarea Calcinata.</u> | 14. <u>Calcarea Ovorum.</u>     |
| 15. <u>Calcarea Picrica.</u>   | 16. <u>Calcarea Silicata</u>    |

#### Group Study:

CALCIUM	CARBONATES
Sensitive to criticism Uncertainty Shyness Fears Protection Withdrawal What other thinks	Stating values Self-worthy Dignity Shyness Worker Father Giving meaning
MURIATICUM	SULPHURICUM
Care Nurturing Attentive Self-awareness Mother Self-Pity	Joy Love & Relationship. Clothing Jealousy Beauty Grace and Harmony
PHOSPHORICUMS	NITRICUMS
Communicative Sympathetic Friends and neighbours Acquaintance Home-sickness Curiosity and travel Restlessness and fear	Enjoyment Need for space and expansion Going out Congestion and explosiveness Tension Relaxation
FLOURICUMS	BROMATUMS
Money, cars, clothes Sex Hard, Hurried, fluent Glamour and glitter Psychopathic Superficial contacts	Guilt Restless, escape Passion, instinct Psychotic
IODUMS	ACITICA
Food Obsessive Work, busy and restless. Freedom of movement Forgetful, Escape Right of existence.	Senses Obscure Megrim Exudation

ARSENICA	SILICATA
Confusion Illusions Desire Company Benumbing	Absent Minded Self Confidence Hydrogenoid Chilly but < from being overheated

Comparative Study Of Calcarea Carb. & Calcarea Phos.

CALCAREA CARB.	CALCAREA PHOS.
<b>MIND</b> Likes mental work but unable to perform it. Anxiety more in mental sphere.	Indisposition to mental work. Anxiety more in physical sphere, with sweat, bellyache, desire to change place, in change of weather.
Fear of being alone	Likes to remain alone.
Forgetful, chooses wrong words	Forgetful, writes the same words twice.
Vertigo worse on ascending, walking in open air, looking upwards, vertigo in young people	Vertigo rising from a seat with mucorrhoea, before catamenia, in old people in the wind.
<b>HEAD:</b> Headache, worse from mental labor, and cold bathing. Sweat mostly on occipital and neck.,	Headache, better from mental labor washing in cold water. Sweat Mostly on brows and eye-lids.
<b>NOSE:</b> Epitaxis worse in the morning.	Epitaxis worse in the after-noon
<b>FACE AND MOUTH:</b> Sore throat, must swallow the saliva, worse from warm drinks	Sore throat worse on swallowing saliva; better from warm drinks.
<b>ABDOMEN:</b> Hunger, Morning Better after breakfast. Cold food relieves the Complaints Anal troubles (Piles) alternate with head	Hunger, after-noon 4 P.M. Worse after breakfast. Ice-Cream and cold food aggravates. Anal Troubles (Fistula) alternates with chest.
<b>URINE;</b> Urine deposits white (calcareous)	Urine flocculen(Phosphates)
<b>SEXUAL ORGANS:</b> Sexual excitement pre-dominates on physical plan. Milk changed in quantity. Menses is too early to profuse and lasting too long; amorous dreams, throbbing in head while ascending; <u>anaemia</u> , congestion of head and chest.	Sexual excitement pre-dominates on mental plan. Milk changed in quality. Menses every two weeks; black menses very two weeks; black clotted, sexual desire, stiff all over when ascending, stitching pain in left side of the head; gripping and rumbling in the bowels.

**Conclusion:** Behavior of Calcium towards the humanity as Homoeopathy drugs are best opportunity for sufferers. Because deficiency of element in the body causes many disorders like Anxiety, uneasiness, Pain, Discomfort and many others problem. Elements in the form of potentis work as a dynamic nature and cover the deficiency. And give great help to humanity.

**References:**

1. Boriecke's Materia Medica by Dr.W.Boerick, Ninth Edition, 2007.
2. Homoeopathy and minerals by Dr.Scholten.

3. Comparative Materia Medica of Dr.Farrigton Edition 2003.
4. Systemic Materia Medica by Dr.K.N Mathur.
5. Physiological Materia Medica by Dr.Burt,Third Edition.
6. Hommoepathy Remedy Guide by Robin Murphy, Edition 2004.
7. www.homoeorizon.com.

Conflict of interest: None
Funding: None
Cite this Article as: Kalra K. Behaviour Of Calcium. Natl J Integr Res Med 2016; 7(2): 143-146