

Analytical Study of Kali Group of Homoeopathic Medicines in Different Clinical Cases

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Abstract: *Many alkalis are used in our Materia Medica, but the largest group is represented by Kali salts. These salts are tissue drugs in the widest sense of the term 'some of them very complex' says Allen, 'producing profound and diverse alterations of both function and nutrition.' My purpose of study is to study the role of Kali group of Homoeopathic Medicines in different clinical cases. To study on sphere of action, type of pathology, specific modalities, diathesis temperament and peculiar symptoms in the clinical cases. Out of 50 cases in this study 40 cases i.e., 80% showed improvement whereas 10 cases i.e., 20% had not shown improvement. Statistical analysis was done using paired t-test to access the Effectiveness of Medicines from Kali group of Homoeopathic Materia Medica. The result showed that the value of critical t (17.5941) was greater than the tabulated value in t-table at df=49 at confidence level 95% at 0.05 i.e. 2.021, proving the effectiveness of Medicines of Kali group of Homoeopathic Materia Medica in different Clinical cases.*

Keywords: Kali group, Homoeopathy, Potassium, Alkali metals

1. Introduction

Potassium belongs to the Group 1A of Mendeleev Periodic table. The members of 1st group (viz Li, Na, K, Rb, Cs, Fr) are generally known as the 'Alkali metals' and act as the univalent cations of salts in the lithosphere as well as in the organism.^[1]

Its great affinity for water makes it attack the tissues with great avidity, producing very deep excoriating effects. This accounts for the general weakness, which belongs to all potash preparations, and this we find potash salts are used in great muscular weakness, exhaustions and accompany convalescence from protracted diseases as typhoid fever.^[2]

Clarke in his "Dictionary of the Practical Materia medica", states that Kalis, in general, cause great disturbance in the circulation of fluids in the tissues.^[3]

High melting point of potassium reflects itself as: Kali personalities maintain their principles, rigid, stubborn and hard to please.

Atomic structure of potassium "body centered cubic": Kali personalities are centered to their body i.e., extremely anxious and fearful about their health.

In homoeopathy there are number of remedies which are proved on healthy human beings and have the potential to cure innumerable diseases either acute or chronic, but due to poor documentation of cases and follow-ups, lack of research in field of homoeopathic medicine, role of homoeopathic medicines in various fields is still a subject of discussion in the mind of research personnel. Thus, present study is conducted with the aim to evaluate the effectiveness of Medicines from Kali group of Homoeopathic Materia Medica and those cases are enrolled in the study. In this study proper case taking and individualization have been done and Medicines from Kali group of Homoeopathy is

prescribed on the basis of symptom similarity and follow up of cases are done at interval of 15 days till 3 months which will be accessed on the basis of pre-treatment & post-treatment score based on the number of symptoms before and after the treatment.

2. Material and Methods

- **Population:** The subjects for the study had been selected from the patients attending OPD, IPD, and Peripheral dispensaries of Sri Guru Nanak Dev Homoeopathic Medical College & Hospital.
- **Age:** Any age of both sexes.
- **Medicine:** Medicines from Kalium group of Homoeopathy and potency was given according to susceptibility of patient.
- **Inclusion criteria:** Patients who have similar symptoms of Medicines of Kali group of Homoeopathic Materia Medica.
- **Exclusion criteria:** Patient having any advance pathology. Pregnant women and lactating mothers.
- **Type of study:** This was an analytical study.
- **Statistical Analysis:** To obtain 95 % confidence limit 50 Cases were taken for study, T-test was applicable, as the comparison between pre and post treatment is done in the same study on the basis of pre-treatment and post-treatment score.

3. Result

In this study of "ANALYTICAL STUDY OF KALI GROUP OF HOMOEOPATHIC MEDICINES IN DIFFERENT CLINICAL CASES" 50 cases were taken in to consideration, and were analyzed. The majority of patients involved in this study were found of Skin diseases i.e., 60% which was followed by Nervous system, Respiratory system & Muscular system which was 18%, 14% & 8% respectively. In this study the most prescribed medicine was Causticum i.e., 30% which was followed by Kali Brom, Kali

Ars, Kali Carb, Kali Sulph, Kali Bich & Kali Phos which was 16%, 16%, 12%, 12%, 6%, 6% & 2% respectively. In this study, maximum numbers of patients involved in this study were found to be in the age group of 21-30 years which was 32%, followed by the age groups of 31-40, 41-50, 11-20, and the least in these groups 51-60, 0-10, 61-70 which was 26, 20, 10, 6, 4 & 2 respectively. In this study 52% of cases were of Males & 48% of remaining cases were of Females. Out of 50 cases in this study 40 cases i.e., 80% showed improvement whereas 10 cases i.e., 20% had not shown improvement.

4. Conclusion

Paired t-test was conducted to access the Effectiveness of Kali group of Homoeopathic Medicines in different Clinical cases. The result showed that the value of critical t (17.5941) is greater than the tabulated value in t-table at df=49 at confidence level 95% at 0.05 i.e., 2.021, which is statistically significant. Thus, the null hypothesis (H_0) is being rejected and the alternate hypothesis (H_a) that Effectiveness of Kali group of Homoeopathic Medicines in different Clinical cases is being accepted.

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