

## Case Study

### Utility of Knerr's Repertory in the Management of Febrile Convulsions

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#### ABSTRACT

##### Background

Febrile seizures (febrile convulsions) are fits that can appear when a child has a fever with high temperature of body. A febrile seizure is a convulsion in a child caused by a spike in body temperature, often from an infection. They're convulsions a child can have during a very high fever that's usually over 102.2 to 104°F (39 to 40°C) or higher. They most commonly present between the ages of 6 months and 3 years. Knerr's Repertory is very useful in treatment of febrile convulsions, easily search the rubric of febrile convulsions.

##### Objectives

To diagnosis of febrile seizure in childhood, and To study constitutional approach in the management of febrile convulsions and analyze the Repertorial Approach of Knerr's Repertory in the treatment of febrile convulsions.

##### Design

This was an observational study. 30 patients beginning homeopathic treatment in OPD and IPD of college were evaluated over 1 year using standardized case taking format. The data of case recorded included and current complaints with their severity of symptoms ,medical history, consultations, homeopathic and conventional treatments, after completion of study compare the before treatment and after treatment assessment score to know the approach of Knerr's repertory treatment in To study constitutional approach in the management of febrile convulsions.

##### Results

The result obtained from the study of febrile convulsions was found that 16.66% cases are Notimproved , 10% are Recovered and 73.33% are improved.After entering t-table at 29 degree of freedom (n-1), we find a tabulated value of 2.05 at P= 0.05 going up to tabulated value. Our calculated t value (which is 12.324) Exceed value in t- table. So the difference in our mean is very highly significant, so we can reject the null hypothesis. There is significant reduction of disease intensity. Score after the homoeopathic treatment. Therefore it shows that To study utility of Knerr repertory in management of febrile convulsions.

##### Conclusions

Thus after the detail study I came to a conclusion that the Homoeopathic Medicines is efficacious in treating cases febrile convulsions with Knerr's Repertory. In our observational study, patients with febrile convulsions showed marked and long-standing improvements under homeopathic treatment.

**Keywords:** Febrile convulsions, Assessment, Childhood, Repertorization, Homoeopathy



QR Code for Mobile Users

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**Conflict of Interest:** None Declared!

## INTRODUCTION

A febrile seizure is a convulsion in a child caused by a spike in body temperature, often from an infection. They occur in young children with normal development without a history of neurologic symptoms. It can be frightening when child has a febrile seizure, and the few minutes it lasts can seem like an eternity. Fortunately, they're usually harmless and typically don't indicate a serious health problem.

### Symptoms

Usually, a child having a febrile seizure shakes all over and loses consciousness. Sometimes, the child may get very stiff or twitch in just one area of the body.

A child having a febrile seizure may:

- Have a fever higher than 100.4 F (38.0 C)
- Lose consciousness
- Shake or jerk arms and legs

Febrile seizures are classified as simple or complex:

- Simple febrile seizures. This most common type lasts from a few seconds to 15 minutes. Simple febrile seizures do not recur within a 24-hour period and are not specific to one part of the body.
- Complex febrile seizures. This type lasts longer than 15 minutes, occurs more than once within 24 hours or is confined to one side of your child's body.

Febrile seizures most often occur within 24 hours of the onset of a fever and can be the first sign that a child is ill.

Knerr's Repertory belongs to Puritan group of repertory as well as Concordances. It is an index to Hering's Guiding Symptoms of Materia Medica, making it a Concordance; while the language of the symptoms are maintained in the purest form precisely as described and recorded in the words of provers as well as clinicians making it a Puritan Repertory.

Puritan repertories such as Knerr's may not be necessarily used for systematic repertorization, but can be used for reference purposes. Knerr's repertory has 48 chapters which are very well arranged.

There are few extra chapters which are not found in other repertories separately e.g.

1. Pregnancy, parturition, lactation
2. Heart, pulse and circulation.
3. Limbs in general.
4. Nerves
5. Time
6. Attacks, periodicity
7. Locality and direction.
8. Touch, passive motion, injuries.
9. Stages of life and constitution

There is one more special addition of a chapter, Stages of Life & Constitution where rubrics are classified according to the age (child, young or old), sex, complexion, constitution (or diathesis such as cancerous or gouty etc.) Even the diatheses are further classified, such as Rheumatic, Abuse of Alcohol.

This repertory has a lot of clinical rubrics especially associated to age, sex and pathology. Knerr's repertory is especially used for clinical pathologies: For example:

- Tissues, Emaciation, Convulsions, Hydrocephaloid, in: Zinc
- Constitution, Cachexia, Helminthiasis: Cina
- Heart, Pulse & Circulation: Blood: Anaemia, Bright's disease, in acute: Apis
- Inner chest: Angina Pectoris: Fatty degeneration of heart, with: Kalmia Latifolia

### Aims and objectives

#### 1. Aim

To study utility of Knerr repertory in management of febrile convulsions.

#### 2. Objectives

- To study the clinical presentation of febrile convulsions.
- To explain Knerr's Repertory in the management of febrile convulsions.
- To study constitutional approach in the management of febril convulsions.

#### Research question

• Whether homoeopathic medicines are useful in the management of febrile convulsions?

#### Null hypothesis

• There will be no significant effect of Homoeopathic Medicine in management of febrile convulsions.(Ho)

#### Alternate hypothesis

• There will be significant effect of

Homoeopathic Medicine in management of febrile convulsions .(Hal)

## RESULT AND CONCLUSION

The Homeopathic medicines for febrile convulsion have to be specific to every individual person. That is the reason a detailed history is required to customize the treatment for Asthma. The Homeopathic treatment for febrile convulsion by using Knerr's Repertory is chalked out after a detailed analysis and review of past treatments for febrile convulsion and medicines for febrile convulsion a taken by patient.

Homoeopathy believes that febrile convulsion is a personality disorder and hence the treatment should be determined according to personality of patient. With continued treatment patient notices the reduction in the frequency of symptom.

In this study cases of febrile convulsion treated with Homoeopathic Medicines is considered. This study was conducted on 30 patients of febrile convulsion. The findings of the study revealed that predominant associated factors among patient of febrile convulsion.

In cases treated with Homoeopathic Medicines in febrile convulsion was found that The result obtained from the study of febrile convulsions was found that 16.66% cases are Not improved, 10% are Recovered and 73.33% are improved.

Effectiveness of Homoeopathic Medicines in febrile convulsion is more as it has, high dynamic power, its action is very quick in disease condition. A careful analysis of the effectiveness and efficiency of Homoeopathic Medicines in febrile convulsion demands an in depth study on the circumstances and conditions.

Thus after the detail study I came to a conclusion that the Homoeopathic Medicines is efficacious in treating cases of febrile convulsion with Knerr's Repertory.

In our observational study, patients with A febrile convulsion showed marked and long-standing improvements under homeopathic treatment. These studies, however, included only a very select group of patients and they have a low external validity. Future research under everyday conditions should help

resolve these unanswered questions.

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