



## Refractory seizures in children

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| ARTICLE INFO                                                                                                                                                                                                        | ABSTRACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p><b>Article type</b><br/>Review article</p> <p><b>Article history</b><br/>Received: 25 Dec 2013<br/>Revised: 7 Jan 2014<br/>Accepted: 9 Jan 2014</p> <p><b>Keywords</b><br/>Children<br/>Epilepsy<br/>Seizure</p> | <p>Epilepsy is described as a heterogeneous clinical syndrome results from various cerebral destructions. It is categorized to partial and generalized forms. Degree of neural system impairment and affected area determine the severity and pattern of symptoms. Patients might experience sensory, motor, or both signs and symptoms. About 60% of epileptic patients suffer from partial type. It is estimated that up to 30% of epilepsy cases would not be controlled adequately despite sufficient and proper management. Anacyclus pyrethrum, Citrus aurantium var. amara, Paeonia officinalis, Rosa Damascena and Nigella Sativa are some of herbal drugs which have antiepileptic effect. Natural agents are valuable sources to treat chronic diseases and a huge number of world's population believe herbs are effective and safe for daily primary health care needs. There is not enough evidence about their efficacy and safety obtained from randomized control trials.</p> |

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## Introduction

Convulsion is the most common form of neurologic disease in childhood. Single seizure episode might happen in 4 to 10 percents of children younger than 16 years (1). Childhood seizures might be a transient feature. Convulsions should be differentiated from epilepsy, because they happen due to a wide spectrum of disorders

such as metabolic diseases, electrolyte imbalances and trauma, etc. When seizure attacks become recurrent, they are called epilepsy. Fifty million of world population are affected by this disease (2). Epilepsy is described as a heterogeneous clinical syndrome, results from various cerebral destructions. It is categorized to partial and

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