

# Medicinal Plants Used to Treat Epilepsy

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**Abstract:** *Epilepsy is a neuropsychological disorder, in which occurs due to over release of neurotransmitter substance. Epilepsy is different from the seizures, a seizure occurs due to abnormal and excessive hyper synchronous release from an aggregate CNS. There are lot of drugs available in market to treat epilepsy. But the major problem behind these drugs is patient faces chronic side effects. There are number of patients who faces resistant to antiepileptic drugs. Since from the ancient time, plants are used by the people to treat epileptic seizures. Different herbs plays vital role in prevention and treatment of convulsions. Convulsion is the second most common neurological disorder which is present among the world's population. Approx. 1% of the world's population suffers from this neurological disorder. Most of the patient requires polytherapy to cure from convulsions with minimum resistant and disadvantages, but somehow still this therapy does not show 100% cured effect. Hence, this review represents some of the herbal plants which can cure this condition and motivates researchers and patients to turn towards herbal remedies. Herbal drugs shows same action on their target side as that of synthetic drugs. Plants with certain active constituents shows pharmacological action on various organs in human body. Various herbal drugs can combined together to show antiepileptic effect through various mechanisms such as ant oxidation, anti-inflammation, modulation of NMDA channels and sodium channel, GABAergic effect enhancement and neuroprotection.*

**Keywords:** Epilepsy, polytherapy, convulsions, antiepileptic, herbs, medicinal plants

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