

Drug-Resistant Epilepsy: A Review of Incidence and Prevalence

Drug-resistant epilepsy (DRE) is an important condition that needs to be recognized in patients for better management of the disease



However, there remain differences in the reported incidence and prevalence of DRE in different populations

Systematic review and meta-analysis of observational studies

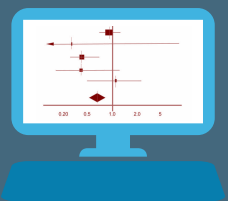


Medline, Embase, and Web of Science

10,794 Total records screened

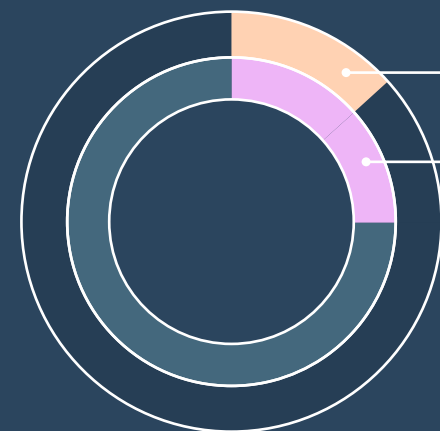


103 Eligible articles



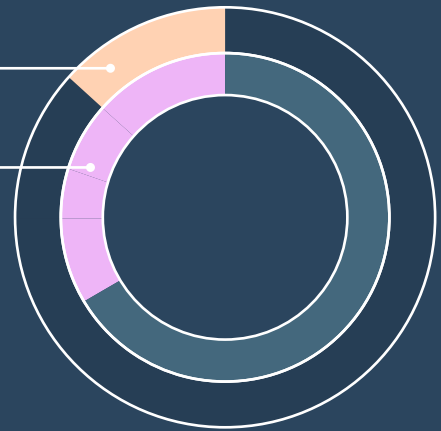
Meta-analysis
Meta-regression

Cumulative incidence of DRE

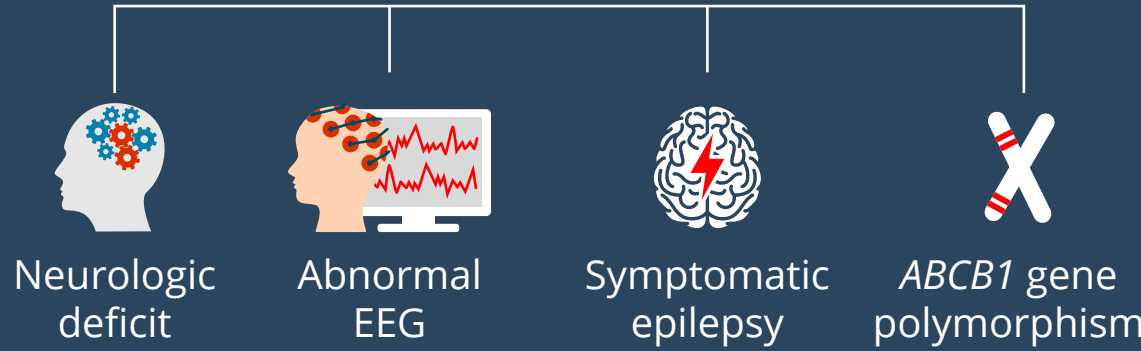


Prevalence of DRE

Community-based populations: 13.7%
Clinic-based populations: 36.3%



Predictors and correlates of DRE



Study question

What is the incidence and prevalence of DRE, and its predictors and correlates?



Epidemiologic measures of DRE vary between populations, and known predictors can be utilized for better management of the disease