

RELATIONSHIP BETWEEN POLYMORPHISM SCN1A AND POLYTHERAPY IN EPILEPTIC PATIENT: PILOT STUDY

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Abstract:

Background: Despite the advances in the pharmacological treatment of epilepsy, polytherapy anti-epileptic drug still remains challenging. Understanding of the pharmacogenetic causes is critical to predict drug response hence providing a basis for personalized medications. SCN1A genes belong to a family of genes that provide instructions for making sodium channels that important for antiepileptic drug (AED) target

Aims: The purpose of this study was to investigate relationship between polymorphism SCN1A rs 2298771 and polytherapy in epileptic patient

Methods: In total, 34 adult patients with epilepsy were consecutively recruited during routine outpatient in Sardjito Hospital, Yogyakarta, Indonesia. Genetic



Biography: Atitya fithri khairani is 37 years old from Indonesia. I completed as neurologist at the age 30 years old. I am interested in the field of epilepsy. I work as staff in sardjito hospital, Yogyakarta and as doctoral student from Gadjah Mada University Yogyakarta, Indonesia.

Publications:

1. Invariance of maximum likelihood estimation for affinettransformed state space models R&R at Journal of Time Series Analysis .
2. Betting on conditional alphas
3. Price discovery and market microstructure noise
4. Fernandes and Mendes Nonparametric testing of conditional independence using asymmetric kernels
5. Tail risk exposures of hedge funds: Evidence from unique Brazilian data

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