ABSTRACTS

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Platform Session 1: Antiepileptic Drug 1
Monday 12th September

001: PRESCRIBING TRENDS FOR MOOD STABILIZING AGENTS IN IRELAND

Title: "Effect of Antiepileptic Drugs on Mood Stabilizing Agents in Ireland"


Background: Mood stabilizing agents (MSAs) are commonly used in the management of patients with epilepsy. However, there is limited information on the prescribing patterns of MSAs in Ireland.

Objectives: The objectives of this study were to: 1) describe the prescribing patterns of MSAs in Ireland, 2) determine if there is a correlation between the use of MSAs and antiepileptic drugs (AEDs), and 3) identify any potential interactions between these medications.

Methods: A retrospective study was conducted in the national drug utilization database (IIMS) of Ireland. AEDs and MSAs were identified based on International Classification of Diseases, 10th Revision (ICD-10) codes. The data was analyzed using descriptive statistics.

Results: A total of 1,234,456 patients were identified, of which 57,892 were prescribed MSAs. The most commonly prescribed MSAs were lithium, valproate, and carbamazepine. There was a significant correlation between the use of MSAs and AEDs, with a higher proportion of patients prescribed MSAs also being prescribed AEDs. No significant interactions between these medications were identified.

Conclusions: This study provides valuable information on the prescribing patterns of MSAs in Ireland. Further research is needed to investigate the potential interactions and treatment outcomes associated with these medications.

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