

Special Issue

Pharmacoepidemiology in Clinical Research

Message from the Guest Editors

Pharmacoepidemiology refers to the study under real conditions and in large populations of the use, efficacy, and risks of drugs. With the constant approval of new drugs, there is a need to know their beneficial effects and the magnitude of risks in routine clinical practice. First, we must confirm and explore how efficacy demonstrated in clinical trials translates to the real world. Second, pharmacovigilance actions need safety studies when drugs are used in a larger number of patients, and in patients who have multiple comorbidities and are polymedicated. With the aim of improving therapeutic decision making and patient health outcomes, the use of real-world data is increasing, as is the use of electronic health databases at the primary care and hospital level. As a consequence, new pharmacoepidemiological and statistical methods are being developed and should be disseminated to the scientific community. With this Special Issue, we offer researchers the opportunity to showcase the scope of pharmacoepidemiology to a wide audience and the relevance of this discipline in usual clinical practice.

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