Measurement properties of patient-reported outcome measures of medication adherence in cardiovascular diseases: Protocol for a systematic review

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Statement of the Problem: Cardiovascular diseases are among the main causes of death worldwide and pharmacological treatments greatly reduce the risk of cardiovascular events; however, a large number of patients do not adhere to treatment. There are many self-reported measures available in the literature to assess medication adherence among patients with cardiovascular diseases. Nonetheless, systematic reviews assessing the psychometric performance of self-reported measures of medication adherence among these patients were not found. The aim of this study is to critically assess, compare and synthesize the quality of the measurement properties of patient-reported outcome measures for assessment of medication adherence among patients with cardiovascular diseases. Methodology & Theoretical Orientation: This protocol was developed according to the Preferred Reporting Items for Systematic Review and Meta-Analysis Protocols (PRISMA-P) following the COnsensus-based Standards for the selection of health Measurement INstruments (COSMIN) guidelines for the review of patient-reported outcome measures. The following databases will be searched: Web of Science, SCOPUS, MEDLINE/PubMed, CINAHL, Embase, LILACS and PsycINFO. OpenGray, ProQuest and Google Scholar will be used to search the gray literature. Conclusion & Significance: This systematic review protocol will broaden understanding of the methodological rigor and reliability of this proposed review in addition to deepening knowledge on the assessment of psychometric properties of self-reported measures assessing medication adherence in the context of cardiovascular diseases. This review's results will support the recommendation of an instrument presenting the best psychometric evidence to measure medication adherence among patients with cardiovascular diseases for future use in randomized clinical trials intended to optimize medication adherence

Biography

Dr Roberta CM Rodrigues is interested in research focused on the clinical follow-up of patients with chronic disease, especially cardiovascular disease. She has developed research on measurement tools for the evaluation of health problems, medication adherence and, health-related quality of life, but also exploratory research and, more recently, interventional research targeting health behaviors change..

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