Methodological quality assessment of systematic reviews published in Latin American and Caribbean nursing journals using AMSTAR 2

**Introduction:** The study objective is to evaluate the methodological quality of systematic reviews published in nursing journals of Latin America and the Caribbean in 2018 using AMSTAR 2. **Method:** Review and critical evaluation of systematic reviews. All 2018 editions of nursing journals indexed in the Scientific Electronic Library Online (SciELO) were accessed by two independent researchers, and systematic reviews published in the period were listed. The AMSTAR 2 tool was applied by two other researchers, independently, and consensus on discrepancies was resolved by majority. Time spent applying the tool was measured. The data obtained were tabulated in Microsoft Excel 2010®. **Results:** Eleven systematic reviews were included in this study. The average analysis time was 20.2 minutes (Min = 14.5; Max = 29). The most critical items were the lack of information on the source of funding for the studies included in the review (in all studies); non-presentation of a list of excluded studies (only 02 presented it partially); no assessment of risk of bias in the included studies (only 03 performed it partially); no explicit statement that the methods for conducting the systematic review were established prior to its completion (only 04 presented it partially). The use of a comprehensive search strategy was fully carried out by one study, and partially in the remaining 10 reviews. Study selection in duplicate was more frequent (09 studies) than data extraction in duplicate (06 studies), and 06 studies presented the research question in PICO format. Only one of the studies declared conflicts of interest. **Conclusion:** According to AMSTAR 2 tool, systematic reviews published in 2018 in nursing journals of Latin America and the Caribbean have low methodological quality, not meeting minimum quality requirements.

**Key words:**

Palavras-chave: Technology Assessment, Biomedical . Evidence-Based Practice. Systematic Reviews as Topic.