

# Trends in hospital pharmacist interventions documentation and classification: A scoping review

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## Abstract

The practice of documenting pharmacists' interventions (PIs) has been endorsed by many hospital pharmacists' societies and organizations worldwide. Current systems for recording PIs have been developed to generate data on better patient and healthcare outcomes, but harmonization and transferability are apparently minimal. The present work aims to provide a descriptive and comprehensive overview of the currently utilized PIs documentation and classification (D/C) tools contributing to increased evidence systematization. A systematic literature search was conducted in PUBMED, Scopus, Web of Science and CINAHL. Studies from 2008, after the release of the Basel Statements, were included if interventions were made by the hospital or clinical pharmacists in a global hospital setting. Publications quality assessment was accomplished using the Mixed Methods Appraisal Tool (MMAT). A total of 26 studies were included. Three studies did not refer to the D/C method, 10 used an in-house developed D/C method, seven used externally developed D/C tools and six studies described method validation or translation. Evidence confirmed that most of the D/C systems are designed in-house, but external development and validation of PI systems to be used in hospital practice is gradually increasing. Reports on validated PIs D/C tools that are being used in hospital clinical practice are limited, including countries with advanced hospital pharmacy practice. Unmet needs and gaps in practice were identified. Further research should be conducted to understand why using validated D/C methods is not a disseminated practice, knowing patients' and organizational advantages.

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