

Nursing interventions to reduce medication errors in paediatrics and neonates: systematic review and meta-analysis.

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[Medication errors](#) threaten patient safety and can result in adverse outcomes. This systematic review identified seven types of nursing interventions used to reduce medication administration errors in pediatric and neonatal patients: education programs, medication information services, clinical pharmacist involvement, double checking, barriers to reduce [interruptions](#) during drug calculation and preparation, use of smart pumps, and improvement strategies (e.g., checklists, process or policy changes). Meta-analysis pooling results from various types of interventions demonstrated a 64% reduction in medication administration errors.