

Medication safety amid technological change: usability evaluation to inform inpatient nurses' electronic health record system transition.

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[Barcode medication administration](#) (BCMA) can reduce medication errors, but [workarounds](#) can hinder its effectiveness. Using simulations, this study explored potential medication-related errors associated with BCMA during an electronic health record (EHR) [transition](#). The study was able to identify potential problems with both the old and new systems and provide performance data against which to benchmark future system and/or workflow changes.