

Implementation of barcode medication administration (BMCA) technology on infusion pumps in the operating rooms.

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[Barcode medication administration](#) (BCMA) technology is a useful tool to reduce medication administration errors (MAE) in the [operating](#) room. This study used a pre-post design to estimate the rate of MAE before and after BCMA implementation on infusion pumps. MAE were significantly reduced and up to 90% of errors were [considered](#) preventable, if the staff had utilized BCMA. Reasons for not using BCMA included unreadable barcodes, lack of time, and resistance to new processes.