

Raising the barcode: improving medication safety behaviours through a behavioural science-informed feedback intervention. A quality improvement project and difference-in-difference analysis.

August 28, 2024

Grailey K, Brazier A, Franklin BD, et al. Raising the barcode: improving medication safety behaviours through a behavioural science-informed feedback intervention. A quality improvement project and difference-in-difference analysis. *BMJ Qual Saf.* 2024;30(10):682-690. doi:10.1136/bmjqs-2023-016868. <https://psnet.ahrq.gov/issue/raising-barcode-improving-medication-safety-behaviours-through-behavioural-science-informed>

When used [correctly](#), barcode medication administration (BCMA) technology promotes [safer](#) medication administration. This study aimed to increase nurses' use of BCMA in five hospital wards through a feedback intervention. BCMA use increased during the first six weeks of the intervention then plateaued during the final 12 weeks. The average scan rate at the end of the 18-week intervention significantly increased from 15% to 38%; however, this was [lower](#) than the researchers' ultimate target of 95%.