

Are interventions to reduce interruptions and errors during medication administration effective?: a systematic review.

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<https://psnet.ahrq.gov/issue/are-interventions-reduce-interruptions-and-errors-during-medication-administration-effective>

[Interruptions](#) are inevitable in the busy clinical environment and may contribute to preventable harm, particularly if they occur during [medication administration](#). This systematic review attempted to synthesize research regarding the effectiveness of interventions that have been tested to limit interruptions during medication administration. These efforts included [sterile cockpit](#) approaches derived from the aviation industry. Although some interventions did reduce interruption rates, medication error rates were largely unaffected and the literature has significant [methodological flaws](#). The authors caution that hospitals should not attempt to simply limit interruptions, because there is no clear evidence that doing so will prevent medication errors and some interruptions are [necessary](#) for patient care.