

## Sustaining and spreading the reduction of adverse drug events in a multicenter collaborative.

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Tham E, Calmes HM, Poppy A, et al. Sustaining and spreading the reduction of adverse drug events in a multicenter collaborative. *Pediatrics*. 2011;128(2):e438-45. doi:10.1542/peds.2010-3772.

<https://psnet.ahrq.gov/issue/sustaining-and-spreading-reduction-adverse-drug-events-multicenter-collaborative>

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Pediatric inpatients are at [high risk](#) for [adverse drug events](#) (ADEs). Pediatric-specific [trigger tools](#) and [computerized surveillance](#) systems are effective methods to detect ADEs and identify opportunities for prevention. This performance-improvement collaborative implemented a multifaceted change strategy in 13 institutions and produced a 42% reduction in ADEs. The change strategies included efforts to reduce [interruptions](#) during medication administration, adopt consensus-based protocols and [order sets](#), ensure high reliability with the [Five Rights](#), and foster a [culture of safety](#). The interventions had the greatest impact on opioid-related ADEs, which decreased by 51% across participating hospitals. The authors recommend using [quality improvement collaboratives](#) to drive improved patient care.