

## Evaluating the accuracy of electronic pediatric drug dosing rules.

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Kirkendall E, Spooner A, Logan JR. Evaluating the accuracy of electronic pediatric drug dosing rules. J Am Med Inform Assoc. 2014;21(e1):e43-9. doi:10.1136/amiajnl-2013-001793.

<https://psnet.ahrq.gov/issue/evaluating-accuracy-electronic-pediatric-drug-dosing-rules>

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Comparing the accuracy of electronic dosing rules provided by a commercial vendor with traditional clinical dosing rules in pediatrics, this stimulation study found that the electronic rules were accurate only 55% of the time. This finding highlights the possible unintended consequences of [health information technology](#) (IT) on patient safety and underscores the specific challenge of [pediatric medication prescribing](#). A recent AHRQ WebM&M [commentary](#) examines the complex issues around medication dosing for pediatric patients.