

## **Can medical students identify a potentially serious acetaminophen dosing error in a simulated encounter? A case control study.**

April 15, 2015

Dudas RA, Barone MA. Can medical students identify a potentially serious acetaminophen dosing error in a simulated encounter? a case control study. BMC Med Educ. 2015;15(1). doi:10.1186/s12909-015-0288-3. <https://psnet.ahrq.gov/issue/can-medical-students-identify-potentially-serious-acetaminophen-dosing-error-simulated>

---

In this educational [simulation](#) study using a standardized patient, 89% of medical students did not detect that parents had inadvertently provided an [acetaminophen overdose](#) to their child, and approximately one-third failed to ask about the use of over-the-counter medications. Students who had completed a patient safety course prior to the simulation did not perform any better than those that had not.