

Questions You May Want to Ask.

Does your current approach...

Allow learners to deliberately practice preparing and administering medications?

Encourage active engagement?

Strengthen critical thinking and decision-making skills?

Promote an authentic learning experience, complete with realistic physiological reactions?

Give learners an opportunity to exercise effective team communication behaviors?



Mastering the Rx Math

14% of doses are converted incorrectly and the maximum dose deviation can reach

A00%⁵

Common Pediatric Errors That Can Be Avoided (and how):

Impaired calculations under stress. Simulating a realistic environment can help to improve accuracy under pressure.

Inaccurate weight estimate. Treating a simulated patient leads to more accurate estimates on real patients.

Unaided calculations. Use printed aids (PALS Algorithm Cards and dosage cards) during simulations to prepare for real-life situations.

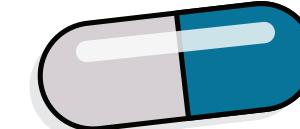
Going solo. Highlight the importance of teamwork, communication, and double-checking calculations during simulations.



To learn how to better prepare for pediatric emergencies, visit Laerdal.com/Babies2018



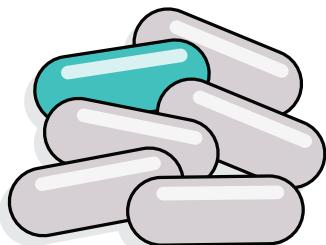
Nearly 1/4 of emergency department visits involve children.¹



The most commonly reported error in pediatrics is incorrect dosing.²



Medication errors affect 1.3 million people annually in the U.S.³



In pediatrics, medication errors can be as high as 1 in every 6 orders.⁴

Simulation is Preventative Medicine

96% of students demonstrated correct medication administration, following a complex pediatric simulation (up from 22% before the training).⁶

Practicing calculations and preparing medications can also increase self-confidence and critical thinking skills.



The American Academy of Pediatrics (AAP) recommends including the following in pediatric patient safety programs:⁷

- Weight calculations
- Emotional and biological developmental issues
- Patient and family involvement



9 MILLION
children under 5 die annually worldwide due to disease⁸

70%

of these deaths can be prevented if diagnosed and treated correctly.⁹
You and your learners can help change this with simulation training.