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Simulation of in-hospital pediatric medical emergencies and cardiopulmonary arrests: highlighting the importance of the first 5 minutes.

April 11, 2011
Hunt EA, Walker AR, Shaffner DH, et al. Simulation of in-hospital pediatric medical emergencies and cardiopulmonary arrests: highlighting the importance of the first 5 minutes. Pediatrics. 2008;121(1):e34-e43. doi:10.1542/peds.2007-0029.
https://psnet.ahrq.gov/issue/simulation-hospital-pediatric-medical-emergencies-and-cardiopulmonary-arrests-highlighting

This study of hospital-based mock codes found significant delays and deviations in the care of pediatric patients requiring resuscitation. The authors advocate for use of simulation to help identify opportunities for educational intervention. A similar study in the adult population found delays in treatment of in-hospital cardiac arrests, with lower survival rates in patients with slower response rates. A past AHRQ perspective discusses the role of simulation and what it adds to traditional classroom-based teamwork training.