TEACHING RESUSCITATION SKILLS TO PEDIATRIC RESIDENTS THROUGH SIMULATION
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Program description: All pediatric residents must learn to identify and resuscitate acutely ill patients. We created a simulation curriculum that fosters a safe learning environment for pediatric residents to gain confidence in performing resuscitations. We emphasize closed-loop communication and appropriate management per Neonatal Resuscitation Program (NRP), Pediatric Advanced Life Support (PALS) and Advance Trauma Life Support (ATLS) resuscitation guidelines. Our curriculum systematically reviews NRP, PALS and ATLS guidelines through monthly mock codes. Expert faculty highlight learning objectives crafted for each case and facilitate debriefing sessions. We developed an evaluation tool that participants complete after each session. Feedback is incorporated into the next mock code conference for continuously ongoing quality improvement.

Impact: Our survey results support that trainees value this simulation activity. Eight sessions involving 129 pediatric residents revealed: 96% endorsed improved confidence; 100% “agreed” or “strongly agreed” skills were relevant to medical practice; 96% believe this activity will play a valuable role in improving the care they provide.

Innovation: Our curriculum improves pediatric trainees’ confidence in resuscitating acutely ill patients. The factors that make this innovative are that our curriculum and evaluation tool allow for continuous improvement of our teaching conference, immediate implementation of residents’ feedback, and ongoing enhancement of their education in resuscitation and code-team leadership.