

***The Effect of Simulation Combined with Booster Training on Long-term Clinical Performance  
for Caesarean Delivery in a Low-resource Setting***

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Anesthesia workforce deficiencies are a significant impediment to the accessibility and quality of surgical and obstetrical care in many countries. Short review courses and simulation training have shown promise in improving clinical performance for individuals and teams caring for patients in low- and middle-income countries. Kenya is ranked 138th globally in maternal mortality rate and has severe healthcare workforce limitations. This project aims to compare performance improvement for teams at rural hospitals in Kenya caring for mothers undergoing Caesarean section after simulation courses followed by one of two strategies of refresher training. The first strategy involves a short, one-day course reviewing concepts from the original training. The second strategy involves utilization of frequent text message reminders and quizzes to reinforce learning. By identifying the best approach to refresher training for providers in this setting we hope to improve the impact and quality of education and, ultimately, improve patient outcomes.