

Title: RESUS4KIDS - Using innovative e-Learning and simulation to teach interdisciplinary Paediatric Life Support to Nurses and Allied Health

Authors

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Aim: It is crucial that hospital-based nurses are able to confidently and competently resuscitate a collapsed child. The aim of this program was to produce standardised, time efficient, low cost, paediatric, life support training for all healthcare rescuers.

Method: Self-directed e-Learning modules were designed as pre-learning to a 90 minute short practical course, which is broken up into 30 minutes of teamwork, leadership and communication and 60 minutes of pause and discuss scenario based teaching using a simulated learning environment. Assessment is via summative and continual assessment. A train the trainer and super trainer program was developed to distribute the course nationally.

Results: The program has been implemented across New South Wales since July 2011. As of January 2013, 170,000 e-Learning lessons have been accessed, 10,600 healthcare workers have completed the e-Learning and 5,300 workers have completed the short practical course, with the greatest uptake being from the nursing profession. The e-Learning has shown significant improvements in participants' ability to deliver life support in a simulated arrest, and participants have described an increase in their knowledge, confidence and ability. The program has had several anecdotal reports of principles being applied in practice and affecting outcomes in real children.

Conclusion: RESUS4KIDS is an effective, innovative, successful education program.

Take Home message: All health professionals who care for children should be confident and competent in paediatric life support. RESUS4KIDS is the answer.