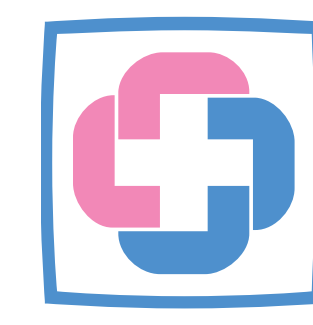# Initiation of Nurse Led Singapore Neonatal Resuscitation Course in KK Women's and Children's Hospital

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Introduction

To enhance patient safety and quality care, it is imperative that nurses working in Neonatal and Obstetric units are competent in neonatal resuscitation. Recognising the need for more nurses to be trained, initiation of Nurse Led Singapore Neonatal Resuscitation Course (SNRC) is paramount.

Problem: Why embark on Nurse Led SNRC?

- Approximately 500 Neonatal and Obstetric nurses are required to undergo training every two years
- Eight sessions were conducted yearly
- Each session can only accommodate 10 nurses
- Facilitate more nurses to be trained
- During non Nurse Led SNRC training sessions, nurse instructors have no/limited opportunity to train and observe the nurses, thus unable to assess their performance effectively
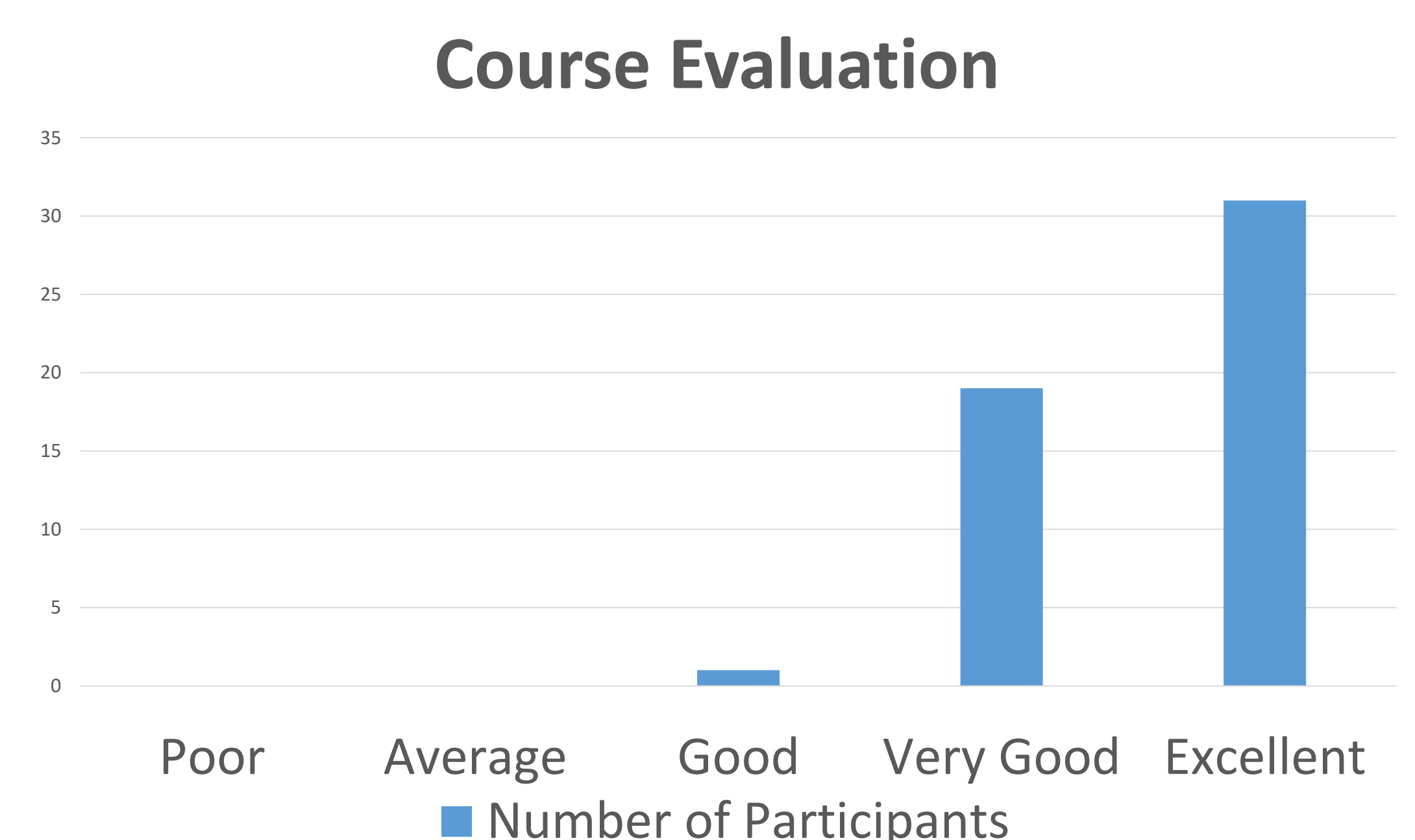
Methodology

- The training is conducted in KKH Simulation Centre
- Curriculum was adopted from SNRC
- Encompasses on-line lectures, hands-on practical sessions, simulation on various scenarios using high-fidelity manikins and team debriefing
- Participants are required to complete nine modules of eLearning before the training
- Recruitment of participants comprising nurses and clinicians from: Neonatal Intensive Care Unit, Special Care Nursery, Delivery Suite, Major Operating Theatre (Obstetrics), Urgent O&G Centre and 4 Postnatal Wards

- Six nurse instructors are SNRC accredited
- Nurse instructors are fully immersed in administration, logistics, preparation and teaching

Results

- Three sessions have been conducted since May 2017
- 43 nurses and 8 clinicians were trained

Course Evaluation — Number of Participants

- 98% of participants evaluated the program as "Excellent" and "Very Good"
- 15 NICU nurses were observed at real time resuscitation to assess their post training competency; they were able to perform proficiently

Conclusion

- 13 additional nurses were trained over three Nurse Led SNRC sessions
- Nurse Instructors were better able to assess nurses' competencies
- Feasible to run more sessions
- Formal assessment using simulated scenario of participants will be conducted post training to achieve our ultimate vision of target zero harm