



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Introducing Basic Life Support PLUS Program to Enhance Resuscitation Competency of Nurses in United Christian Hospital: A Program Evaluation**  
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**Introduction**

Resuscitation training is pertinent to high-quality, effective patient care and is an integral part of service provision in the Hospital Authority. There is ample evidence that resuscitation knowledge and skills declines rapidly after attending training courses. Regular training, as recommended in international guidelines, can keep staff updated, boost their confidence and promote a resuscitation-friendly atmosphere in hospitals. A 5.5-hour Basic Life Support PLUS (BLS PLUS) program, designed specifically for nurses, has been implemented since 2015 in United Christian Hospital (UCH). With the collaborative effort of the Nursing Service Division (NSD), Resuscitation Training Centre (RTC) and Co-ordinating Committee on Hospital Resuscitation of UCH, 3 important components have been tailor-made to nurses and supplemented to the standard American Heart Association BLS Program. They are "advanced airway management workshop", "resuscitation drill" and "medication use in different resuscitation scenarios". These components together with pre-course reading materials are regularly reviewed by the Co-ordinating Committee on Hospital Resuscitation. To enable participants to gain a better understanding on the topics, a post-course assessment with 15 multiple-choice questions has been adopted. Every year, NSD and RTC are responsible for the program planning, implementation and evaluation of BLS PLUS.

**Objectives**

To evaluate the quality and effectiveness of the program

**Methodology**

All BLS PLUS programs conducted in 2016-17 were reviewed. Class participants were invited to complete a standardized evaluation form, which consisted of rating questions regarding the appropriateness, effectiveness and the efficiency of the program. Several open-ended questions were included to address the participants' overall opinion, reflections and suggestions to the program. They were also encouraged to propose their perceived training needs in resuscitation.

## **Result**

A total of 429 questionnaires were returned. In general, participants' feedbacks were affirmative. 97% of them agreed that the program was able to achieve its stated objectives. More than half deemed the course duration appropriate, while a third of them preferred getting the PLUS course extended. Among the responses, a quarter of them cited "Medication Use in CPR" as the most useful learning point, followed by "Advanced Airway Management" (22%) and "CPR Drill" (20%). "Teamwork during Resuscitation" and "Knowledge of Defibrillation" were also reported to be useful and practical. For future development, participants suggested that a larger variety of case scenarios, basic ECG interpretation and ventilator use could be incorporated. To further meet challenges at work, most UCH nurses recognized "Advanced Resuscitation" as a priority need in training. In conclusion, the BLS PLUS program tailor-made for nurses is effective in enhancing the resuscitation knowledge and skills of UCH nurses.