

**FP09 KNOWLEDGE AND ATTITUDE  
RELATED TO BASIC LIFE  
SUPPORT – AN OBSERVATIONAL  
STUDY AMONG NURSES IN  
SELANGOR**

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## **INTRODUCTION**

Basic life support is a crucial part of the management of cardiac arrest, provided at the right time, it reduces the likelihood of sudden cardiac death. This study aimed to explore the knowledge and attitudes related to Basic Life Support among nurses in Selangor and evaluate the effect of a training program for nurses on their BLS knowledge

## **MATERIALS AND METHOD**

This observational study was conducted among 167 nurses from 11 selected health clinics in Selangor during the period of September 2016 to December 2016. A semi-structured questionnaire devised based on BLS and CPR Guidelines 2015 that sought information on socio-demographic characteristics, knowledge and attitude of Basic Life Support was used as the survey instrument.

## **RESULTS**

Of the 167 studied nurses, 71.3% had attended CPR training course previously and less than 50% were BLS certified within last 5 years. The mean pre and post BLS assessment knowledge score of the studied nurses was  $(6.92 \pm 1.85)$  and  $(8.43 \pm 1.00)$  respectively, out of a possible high score of 10. The results of this study show that there are statistically significant improvements from pre to post training. Higher mean score  $(7.10 \pm 1.77)$ , ( $p < 0.05$ ) was observed among nurses who had previous CPR training. Majority of the nurses expressed a positive attitude towards BLS training and performing BLS for a

person in need of resuscitation. Lack of confidence, lack of skills and knowledge, fear of causing harm to the person during performing the resuscitation were the common reasons for nurses' reluctance.

## **CONCLUSION**

The study reveals inadequate knowledge and training in basic life support among nurses. There is significant improvement in nurses' knowledge related to BLS/CPR immediately after program implementation. This highlights the need for frequent refresher courses for nurses to furnish them with the latest updates continuously throughout their career.