0773.**Jagoda, A .I**

Assessment of knowledge and skills regarding adult cardiopulmonary resuscitation among doctored Nurses working at Government Hospitals in Kegalle District
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To assess the core knowledge regarding CPR, a self administered questionnaire was used. For skills assessment each candidate was given a scenario of cardiac arrest and asked to perform CPR on Laderal Resuci Anne skill trainer manikin. Performance was video recorded and evaluated for correct CPR steps while manikin data was analyzed to check the effectiveness of chest compressions and ventilations. Results showed that only 45.8 percent of doctors and 36.75 percent of nurses had adequate core knowledge on CPR and the knowledge deteriorate with time. A good core knowledge on CPR was associated with a good perceived level of competency regarding CPR Nearly one third of doctors and 70.08 percent nurses stated that they have never received an update on CPR. Therefore the knowledge regarding latest CPR guidelines were poor. The positive aspect was that ETUs were adequately equipped to resuscitate patients. It can be concluded that core knowledge and skills regarding adult CPR is not up to the expected level among doctors and nurses working at government hospitals in Kegalle District. Therefore it is recommended to arrange training programs on CPR should be arranged at regular intervals to address this problem. These programmes should be based on latest guidelines, conducted by an expert personnel and special emphasis should be given to improve knowledge and skills. A certificate in competency on CPR should be awarded to successful trainees.