



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

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**The phase II Quality and Safety Enhancement Program in life saving procedure:  
Blood Transfusion**

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**Introduction**

Standardized clinical practice promotes safe and effective transfusion service to patients and a well-constructed training program contributes good transfusion practice in hospital. Therefore, a quality and safety enhancement program in blood transfusion was implemented in 2012/2013 successfully in Medicine and Geriatrics Department (M&G) of United Christian Hospital (UCH) to safeguard transfusion service. However, it is not the end to promote professional, safe and effective transfusion service in UCH. As newly qualified nurse is lack of practical skills and knowledge in clinical blood transfusion, a standardized teaching and learning program should be provided to ensure their competency. In order to pick up a proactive role to maintain service quality, cooperative training sessions are arranged for the preceptees in M&G Department Induction Program 2013.

**Objectives**

To enhance quality and safety in blood transfusion for newly qualified nurses. On completion of the training, preceptees will be able to: 1) perform consistent and comprehensive transfusion skills in blood transfusion 2) perform standardized checking procedure in blood transfusion 3) provide competent care to patient in blood transfusion 4) develop an ability to care and manage adverse reactions during blood transfusion

**Methodology**

Arrangement for participating in Induction program The aspiration of promoting standardized blood transfusion training in hospital from our workgroup is expressed to the coordinator of the M&G Department Induction Program 2013. Blood transfusion is one of the topic includes in the induction program as planned. After the approval of providing training, our team is nominated to in charge the training sessions of blood transfusion. Review training materials As the training program is designed for post graduated nurses in 2012/2013, the training course contents may not be totally fit with

the newly qualified nurses. Training contents and materials are reviewed and fine-tuned for the target group which more specific focusing on the learning objectives. Approval of training materials In order to increase the recognition of the training materials, the presentation power point is based on the Transfusion Guideline for HA Hospitals Version1.8 and UCH Blood Transfusion guideline Version5.4 and is approved by Dr. E. Chow, Consultant of UCH Pathology department. Training sessions Two sessions of one hour training are provided to the target group in August and October. There are 58 nurses attended the training in phase one of the Induction Program and 62 nurses attended the training in phase two of the Induction Program. Totally 120 hours of CNE training is offered to all preceptees. The average attendance is 97.5% of total preceptees.

### **Result**

The training program is completed in 4Q2013. Pre-assessment and post-assessment test are carry out in phase one of the Induction Program. 100% participants have improvement in testing marks after attended the course and 92% of participants are even full marks in the post-assessment. However, for better measuring on the learning outcomes, our workgroup suggest to perform clinical blood transfusion audit to all preceptees in their mother ward to ensure all newly qualified nurses can carry out standardized and professional blood transfusion practice.