



## Service Priorities and Programmes Electronic Presentations

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### **Enhancement of Medication Safety**

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### **Introduction**

To provide quality care to patients, enhancement of medication safety stands in the top priorities in Hospital Authority (HA) (Medication Safety Committee 2013). There are various types of medication errors may be happened during prescribing, dispensing and administrating; thus we need to be aware of the risk of medication incidents and take control measures to focus on high-risk drugs with serious consequence (Li 2011). In view of the importance to enhance medication safety, our department had been placed the 'Dangerous Drug Administration' as one of the topics in the Risk Register 2009-2010, and then 'Medication Safety' from 2014 onward, in order to promote the safe medication practice and then to prevent untoward events.

### **Objectives**

To enhance safe drug administration to patients in order to minimize medication incidents

### **Methodology**

Drug administration is one of the crucial and high volume procedure for nurses in their daily practice, nurses may be disturbed or interrupted by patients, visitors and other disciplines during the administration process, especially DD; strategies to enhance the safe practice of DD administration were implemented in the PC ward since 2008. Besides, medication incidents related known drug allergy was commonly occurred, to assure safe administration of drugs to patients and minimize medication incidents due to known drug allergy, various strategies were employed to make the patient's drug allergy status distinguishable for doctors and nurses during prescribing and administration. As Medication Safety put into Departmental Risk Register, regular audit was conducted on selected high risk areas.

### **Result**

It was encouraging that no incident related to DD administration and patient's drug allergy was occurred after the implementation of the strategies. In order to monitor nurses' compliance to the administration guideline, drug administration audits were conducted periodically:

Audit Performed	Compliance Rate
Administration of Dangerous Drug 2008	98.3%
Administration of Dangerous Drug 2009	98.56%
Administration of Dangerous Drug 2012	100%
Patient's Drug Allergy Status 2014	99.04%
Administration of Subcutaneous Insulin Injection 2015	99.82%
Administration of Intravenous Medication (bolus)2016	100%