



## Service Priorities and Programmes Electronic Presentations

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### **Enhance Staff Compliance on Medication Safety and Fall Prevention Measures with Risk Based Process Safety (RBPS) Guidelines in the Emergency Medicine Ward (EMW) of Pok Oi Hospital (POH).**

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#### **Introduction**

Medication and fall incidents are those major patient safety risk challenges in EMW POH. In order to prevent medication and fall incidents, guideline, protocol or standard operating procedures (SOP) were developed and reviewed to improve the clinical practice after each incident. Referring to the previous incident reports of medication and fall incidents, staff non-compliance was identified as a common factor in most of the incidents. The RBPS guidelines are applied to re-engineer the current medication safety and fall prevention practices in July 2015 and the mid-year review showed that medication safety and fall prevention management was enhanced.

#### **Objectives**

The twenty elements in the four pillars (commitment to process safety, understanding hazards and risk, manage risk and learning from experience) of the RBPS guidelines are applied when reviewing the compliance and practices in preventing medication and fall incidents in EMW POH. The RBPS guidelines are applied to correct the deficient in medication safety and fall prevention management and improve the process safety management practices in both areas in EMW POH. The effectiveness of the RBPS guidelines is determined by comparing the medication and fall incident in EMW POH in 3Q4Q16 with that of the previous quarters.

#### **Methodology**

The RBPS guidelines were used as a tool to review the current guidelines and practices in medication safety and fall prevention in EMW POH. Training on medication safety and fall prevention management was formulated and conducted to alert all staffs. It helped to establish a safety alert culture, especially in medication safety and fall prevention and also empowered staff to successfully fulfill their responsibilities. User-friendly checklist, standard documentation label/form, signage and risk alert to ensure the standards compliance practices remained effective.

Medication safety and fall prevention management sub-committee were established to ensure a consistent implementation. Staff compliance audit was performed regularly to monitor the effectiveness and to share those good practices.

**Result**

Regarding the RBPS guidelines, the staff ability on the skills and knowledge, compliance with standards, attitudes and behaviors on the medication safety and fall prevention measures are highly appreciated. The staff compliance audit on the practices in medication safety and fall prevention management was done with 100% compliance rate resulted. In the mid-year review, there was no medication or fall incident happened in EMW POH. In conclusion, the RBPS guidelines were effective in monitoring and enhancing staff compliance in medication safety and fall prevention management measures. As a result, medication safety and patient fall prevention was ensured in EMW POH.