Service Priorities and Programmes
Electronic Presentations

Convention ID: 822
Submitting author: Dr Chi Bon LEUNG
Post title: Consultant, Prince of Wales Hospital, NTEC

Preparation of In-Patient Medication Order Entry (IPMOE) rollout in PWH – perspective from IPMOE@PWH Taskforce
Bonnie Ching Ha KWAN; #Chi Bon LEUNG; Christine Siu Wai CHOI; Chi-Tim HUNG
Prince of Wales Hospital, NTEC

Keywords:
IPMOE
PWH
movele device
staff engagement

Introduction
In-patient Medication Order Entry (IPMOE) is a computerized system with built-in safety features, workflow support and clinical intelligence for prescribing, dispensing & administering drugs for in-patients. Rollout of IPMOE in all HA acute hospitals is initiated by HO, PWH is selected as the third hospital for implementation. Being a teaching hospital, with increased case diversity, complexity and multiple stakeholders, the implementation posed a challenge to the Hospital, a local implementation team was formed. It was decided by Administration to implement the system to ALL inpatient wards to standardize workflow and minimize risk.

Objectives
To facilitate a safe and efficient implementation of IPMOE for ALL PWH inpatient wards

Methodology
1. To involve and empower all stakeholders and staff at an early stage; 2. To identity contact persons in each department and explore on local issues anticipated in rollout; 3. To arrange staff engagement and training program; 4. To hold post-implementation meetings after each ward roll out for immediate feedback and improvement of workflow and systems; 5. To set up a role model for future rollout to other NTEC acute hospitals

Result
Early preparation is started once PWH was announced as the third hospital to implement IPMOE with close collaboration with HO IT and HO HI team. Local Implementation Team was formed with representatives from medical, nursing,
pharmacy, Human Resources, Risk Management and Information Technology (IT) teams. Strong support from Hospital administration is received. A staff forum was held in March 2014 to engage staff from all ranks. Infrastructure and IT support was enhanced. Classroom and hands-on training for nursing staff and departmental briefing sessions for doctors were arranged with help from HA IT colleagues. Early utilization of new hardware for familiarization was arranged on the wards. Use of different types of mobile devices to improve access points and facilitate prescription, administration and modification of medications at the point of care was explored. Meetings are held after implementation with frontline staff for review and improvement. By January 2015, more than 60% of inpatient wards were successfully implemented IPMOE using mobile devices, including Medical, Surgical, Orthopaedics, Adult ICU, Gynaecology. The remaining wards will be implemented by June, 2015. The system is welcomed by staff.