



## Service Priorities and Programmes

### Electronic Presentations

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#### **Enhancement Program for Transition from MAR to IPMOE in a Safe and Efficient Approach**

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#### **Keywords:**

IPMOE

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#### **Introduction**

With the advance of technology, In-Patient-Medication-Order-Entry (IPMOE) has been introduced. It is difficult for nurses to adapt the transition from traditional paper Medication Administration Record (MAR) to electronic IPMOE; especially when there were only three days for the whole transition process which cover three surgical wards in North District Hospital. As a result, a designated group of trainers take up a great role throughout the preparation and transitional phase to minimize the risk of medication error.

#### **Objectives**

1. Minimize the risk of IPMOE-related medication error
2. Help the nurses to be familiar with the use of IPMOE in daily practice
3. Shorten the time for MAR-IPMOE transition
4. Minimize interruption to clinical service during the Launch

#### **Methodology**

In December, 2015, a IPMOE Live-Run Team was set up. After receiving IPMOE Train-the-Trainer training, the IPMOE Link Nurses formed IPMOE Cell Group in each ward and share the IPMOE knowledge and skill with colleagues. In January 2016, the IPMOE Live-Run Team organized Training Workshops. In February, Demo IPMOE was provided for staff to practice. Different case scenarios were shared in small group training workshops.

IPMOE Live-Run started in April 2016. On the date of launch, they set up a designated area beside the Nurse Station to minimize clinical service interruption. Live Run Team supported doctors in the transcription from paper MAR to IPMOE. After the transcription, the Team counter-checked the medication prescription with individual Case Nurses. During the first week after Live-Run, onsite support was provided. This empowered colleagues with confidence in using the new IPMOE.

System. More important, the same Team of IPMOE-Live-Run Members carried out the MAR-IPMOE transition for the whole Department. This enhanced cooperation and effectiveness in the transition process.

### **Result**

No medication incident related to IPMOE handling nor transcription error was found in the launch.

Paper MAR had been used for decades. Lots of preparation and adaptation are needed for the change from paper MAR to electronic IPMOE. A team of IPMOE well-trained nurses and doctors make a significant contribution in both the preparation and implementation of IPOME in a safe and efficient way.