



## Service Priorities and Programmes Electronic Presentations

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### **Safety Use of Intravenous Infusion Devices for NTEC Fresh Graduate Nurses**

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#### **Keywords:**

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#### **Introduction**

Administration of medication (AOM) is a common but high risk procedure. To facilitate AOM, intravenous (IV) infusion devices are often used and correct operation of these devices is important for patient's safety and care quality. However, it was noticed that fresh graduate nurses (FGN) were not familiar with the devices' operations as they had little chance of practice when they were learners. Therefore, a special enhancement program on operating of the commonly used IV infusion devices was designed and introduced to FGN in NTEC since August 2016.

#### **Objectives**

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#### **Methodology**

The program started with a workshop in an orientation program for FGNs including videos demonstration, skill practice under experienced facilitators' supervision. Then, common pitfalls were discussed to highlight the important points on IV infusion devices operation. Moreover, handouts were distributed and websites were introduced. Afterwards, preceptors and ward mentors would provide coaching and supervision to FGN on management of these devices in wards. Three months later, an evaluation was collected from frontline staff to assess if the objectives were achieved.

#### **Result**

Total 157 FGNs attended the program held in 2016. Feedback on the effectiveness of the program was collected from 3 ward managers, 3 preceptors, 3 ward mentors and 3 FGNs after the program. They were working in AED, ENT, M&T, ONCO and SURG wards. All responders agreed the program was useful and practical in FGN's daily work. One ward manager expressed the program was especially useful to FGNs who were fresh to NTEC and first time encountered these devices. All respondents recommended continuing the program.

Conclusion, the program achieved the objectives. Building up FGN's knowledge, skills and cultivating a prudent attitude on the correct use of IV infusion devices are essential. Therefore, the program would be continued. Furthermore, continuous coaching and supervision of FGN on the management of these devices in clinical setting is necessary to assure patient safety and care quality.