



**Service Priorities and Programmes**  
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**Clinical risk prevention program: Retrospective survey of nurses' perceptions on brand standardization of intubating stylet & size-compatible to ET-Tube in resuscitation trolleys in Cheshire Home, Shatin**

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**Introduction**

One of nursing roles during resuscitation is to assist in placement of the endotracheal (ET) tube. SCH Emergency Medical Response Team (EMRT) implemented a CQI program in July 2013. Before the program, there were three brands of intubating stylet to be kept in resuscitation trolleys. The limitation of all these brands was not size-compatible to all endotracheal (ET) tubes kept in the emergency trolleys. Mallinckrodt Satin-slip intubating stylet Fr 14, which can accommodate ET tube size from 5-10 mm ID, was introduced and replaced the previous three brands of intubating stylet. In addition, a specification table stated the various sizes of ET tubes to be accommodated by the standardized brand was attached to the stylet for ward staff's quick reference.

**Objectives**

One brand of size-compatible intubating stylet facilitates nurses to have correct choice of stylet during the emergency intubation process.

**Methodology**

A. Retrospective survey on nurses perception on brand standardization of intubating stylet & size-compatible to ET-Tube B. Data collection: 6-items-questionnaire was employed to review the nurses knowledge and preception on new and old intubating stylet.

**Result**

Results: The response rate of the survey is 78%. By comparing knowledge on new and old intubating stylet, the number of giving correct answer is significantly increased (from 19% to 98%). It illustrated that nurses understood the important of size-compatible stylet in intubation procedure. 47% and 53% of nurses were "strongly agree" and "agree" respectively that one brand size-compatible ET tube and the quick reference table facillitate them to choose the correct size of stylet to fit the various

sizes of ET tube. Conclusion: During such a stressful and life-threatening intubation process, nurses need to prepare many intubation items & nursing actions such as laryngoscopes, ET tube, intubating stylet, syringe, patient positioning and oro-pharyngeal suction in a short period time. This CQI program can enhance nurses to choose the correct size of stylet for fitting the ET tube as required by the standard of clinical practice.