



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Development of Structured Bedside Bronchoscopy Workshop for ICU Junior Nurses**

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**Introduction**

The Intensive Care Unit (ICU) can be a busy and intimidating environment, especially for nurse new comer. Although bedside bronchoscope is a common procedure in our unit, there used to be no standardize training program for new nurse. Inexperience colleague may feel uncertain and hesitated in assisting doctor with the procedure. A survey was conducted and revealed that junior staff not only shown their concerns on the care of patient with complication during procedure, but express worry in handling disinfection with Cidex OPA as well. In fact, ensure patient safety and receive proper care is a prime concern; equip and response to staffs' reservation are equally imperative. Thus, there is an urgent need for bronchoscope training in our department.

**Objectives**

Our objective was to develop a hands-on interactive bronchoscope workshop to facilitate junior staffs' competency in handling the entire procedure including both the equipment preparation, patient care monitoring and management which in turn maintain patient safety as well as reduce risk during procedure.

**Methodology**

The workflow and content of the workshop are started from scratch. From August to December 2012, five identical sessions were carried out with four hours theory input including structure and procedure of bronchoscopy, obtaining biopsy, fiberoptic intubation, disinfection of bronchoscope as well as the usage of Cidex OPA; followed by two hours demonstration on pre-soak and terminal disinfection of bronchoscope. "Protected time" was offered to all participant and facilitators. 6 CNE point was granted after successful accomplish the return demonstration and quiz.

**Result**

Key Improvement 29 junior nurses (46% of nursing staff) had participated. Post workshop evaluation show that majority (94.7%) were very satisfied with the workshop. 100% of participants expressed increase confidence in handling bedside bronchoscopy procedure as well as performing Cidex OPA disinfection. Conclusion

The successful of the workshop demonstrated that the support of management in developing innovative program is indispensable. Incorporate with experience and senior staff, nursing care standard and skill can be streamlined and maintained. Additionally, patient safety can be guaranteed.