



Service Priorities and Programmes
Electronic Presentations

Convention ID: 899

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Effectiveness of Tailor-made Hand Hygiene Improvement Program

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Keywords:

Hand Hygiene

Tailor-made program

Introduction

It is well known that hand hygiene is one of the most effective strategy to prevention infection transmission. Consecutive decrease in hand hygiene compliance was noted in a department. Measures had to be taken to improve hand hygiene awareness and achieve boost up on compliance.

Objectives

1. To liaise with department and develop a tailor-made hand hygiene promotion program specific to department
2. To encourage department to own the program to achieve sustainability

Methodology

Supports sought from the Department Operations Manager on the idea on the tailor-made hand hygiene improvement program. Meeting had been held between Infection Control Team (ICT) and department delegates for discussing the program content. Delegates were invited to voice out real situation when hand hygiene seemed difficult and proposed innovative ideas on tackling the problems.

ICT provided 3 identical workshops in August and September 2016. Each session contained a lecture and hands on hand hygiene techniques with immediate feedback. The lecture covered topics on up-to-dated hand hygiene practices and tackled the difficulties raised by delegates.

A post-training hand hygiene surveillance was conducted in Infection Control Link Nurse (ICLN) in October 2016. Inter-rater reliability was enhanced through standardized trainings, including observation technique and data management, provided by experienced ICNs. Hospital ICN would conduct another survey in first quarter in 2017 to verify the reliability of result.

Result

Overall 96% of attendants satisfied the program.

The hand hygiene compliance from the post-training survey conducted by ICLN was 70%, while the compliance conducted by hospital ICN was 71.3% in 1Q2017. Both results indicated improvement comparing with the survey conducted by hospital ICN in 1Q2016. Result illustrated that the observational skills conducted by trained ICLN were reliable.

The collaboration between ICT and department to develop a tailor-made hand

hygiene program, which could not only address the difficulties raised out from frontline staff based on real situation, it also increased staff awareness on hand hygiene in daily ward practices. The hand hygiene survey result between trained department colleagues and ICN also indicated department is able to conduct periodic observational survey to achieve a sustained effect in the compliance of the hand hygiene practice.