



Service Priorities and Programmes Electronic Presentations

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Submitting author: Mr Man Kit SHEK

Post title: Registered Nurse, UCH, KEC

Clean Care is Saver Care: Hand-Hygiene Action-Day in Acute Medicine Ward

Shek MK(1), Lui WK(1)

(1)Medical & Geriatric, United Christian Hospital

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WHO Five-hand-hygiene-moments

Introduction

Hand Hygiene (HH) is important to prevent infections. In response to WHO's call upon healthcare-workers' action to "Clean your hands at the right times and stop the spread of antibiotic resistance", a Hand-Hygiene Action-Day was held on 10 October, 2017 in medicine ward-9B of United Christian Hospital.

Objectives

1. Heighten awareness of healthcare workers the importance of HH 2. Spot evaluate the compliance on HH of staffs 3. Provide real-time on-site advice

Methodology

A proactive observation of staffs' HH practice in ward 9B from 09:00 to 17:48 on 10 October, 2017 was performed by designated staff with sufficient infection control qualifications. Five HH-moments defined by WHO were adopted as well as by Hospital Authority. 1. before touching a patient 2. before clean/aseptic procedures 3. after body fluid exposure 4. after touching a patient 5. after touching patient surroundings Staffs working in ward-9B during the audit period were targeted and divided into five groups: 1 Doctors 2 Nurses 3 Allied health staffs 4 HCA/PCA 5 Supporting staffs

Result

Each moment requiring HH was defined as one activity. There were total 82 activities were observed. The overall compliance rate was 50%. 1. In nurses group, the compliance rate of "moment 4" is highest (91%), whereas, "moment 1" is lowest (50%) 2. Medical-officers' compliance rate is better than House-officers' 3. In HCA/PCA group, the compliance rate of "moment 4" is highest (50%), whereas, many of them unaware the HH need of "moment 5". The situation is obvious during meal delivery and retrieving, and risk of cross-contamination existed 4. Doctors and allied Health colleagues might not acknowledge ward local measures. Enhancement actions and results: 1. Reinforcement of HH moment 1 & 5 to nurses & HCA/PCA 2. Promotion of WHO five HH moments via posters at various conspicuous areas 3. Compliance is generally better in present of ICN or related staffs and thus, more ward staff recruited to perform infection control work 4. Communicate on infection control measures with

other disciplines 5. Monthly and unobtrusive audits targeting nurses and HCA/PCA were hence performed to evaluate the enhancement. Two month audit data indicated the compliance of moment 1 of nurses and HCA/PCA are increasing to 75% & 65% respectively; and 75% & 60% of moment 5 respectively.