



Service Priorities and Programmes
Electronic Presentations

Convention ID: 951

Submitting author: Ms M Y CHAN

Post title: Advanced Practice Nurse, NLTH, KWC

Medication safety: Enhancing nursing practice in allergy checking in administration of antibiotic through “Dispense in Clinic” (DIC) in A&E, North Lantau Hospital (NLTH)

Chan M Y (1), Dr. Wong W Y (1)

(1) Accident and Emergency Medicine Academic Unit, NLTH

Keywords:

Medication Safety : DIC

Introduction

Allergy checking before administration of medication (AOM) especially in antibiotic is crucial for patients. ALL drugs should be vetted by pharmacy staff for ensuring the drug safety before administration, especially screening of the allergic reaction. For managing patient with emergency situation in A&E, early administration of antibiotic is significant to prevent patients from further deterioration. Besides careful allergy checking by medical and nursing staffs, timely allergy screening by pharmacy is essential. As Pharmacy Department of NLTH is not providing 24 hour service at the time being, use of DIC was adopted to facilitate immediate allergic vetting process through Clinical Management System (CMS) in particularly during the non-service hour of Pharmacy Department. Nurse in this regard plays a major role to ensure all stakeholders to run-through and to comply with this new practise.

Objectives

- 1.Speed up the “door to needle time” for administration of antibiotic through DIC for patient who need immediate treatment
- 2.Allergy checking system via CMS is in place
- 3.Enhance safe practice in prompt antibiotic treatment

Methodology

- 1.“door to needle time” for administration of antibiotic through DIC for the patients who need immediate treatment is less than 1 hour
2. Nurse should administer the antibiotic with printed DIC prescription sheet.

Result

1. Fast track the process of administration of antibiotic to the patients who need immediate treatment
2. With the use of DIC, it incorporates an allergy checking mechanism via CMS
 - no incident related to allergy checking after using the DIC.