Early Allergy Record

Introduction
Proper allergy record is so important that affecting patient safety in a hospital journey. Some of the patients reported known drug allergy that is new to hospital-wise clinical medical System (CMS). In order to enhance patient safety in terms of medication incident, proper handling of drug allergy is significantly vital. Enhancement of proper allergy record entry in CMS safeguards the patients from encountering the known allergy medication by computerized cross-checking in the electronic medication prescriptions.

Objectives
To ensure history of drug allergy record was input to patient's CMS record. To provide education to the patients of drug allergy, avoidance and alertness should be reinforced.

Methodology
A special drug allergy recording form was designed. Whenever the patients reported to the Triage nurse that they had history of drug allergy, the drug allergy form should be filled in and clipped with the AE record. The form was used as a reminder to notify the Doctor for action, including verifying the allergy history, identifying the allergy drug, updating the allergy record in CMS and printing out the drug allergy information sheet. The drug allergy information sheet served as a personalized drug allergy card. Meanwhile, nurses are responsible to issue the drug allergy card with advice and educate the patient on discharge. Self-alertness of avoidance of the allergy drug should be instructed. Last but not least, documentation of drug allergy card issued was advised.

Result
During the first phase of the program (May-14 to Oct-14), 405 patients were recruited.
Majority of the patients (n=340, 84%) had drug allergy record entry into CMS properly. The rest of them being not regarded as true drug allergy after doctor verification resulted from patient failed to provide comprehensive allergy history, or unable to recognize the concerned drug. Additionally, patients with known drug allergy history should be issued with a drug allergy card for personal record. The compliance rate of issuing drug allergy card to the patient was as high as 95%. The reason that hindrance the compliance rate is the patients disappeared before consultation. With the high compliance rate of drug allergy management bundle, the allergy record could be retrievable in CMS record for system-wise record whenever afterward.