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## Appropriateness Review of Medications: Yes we Can

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See you in Dublin

## Objective


- One of the major threats to **patient safety** in hospitals is the occurrence, clinical consequences and cost of adverse drug events (ADEs), most of which are **medication errors (ME)**
- The distinctive characteristic of **ME** is that they are **preventable**, but despite the compelling evidence, effective interventions are still a critical area for improvement
- This paper describes the effort to **improve the safety of inpatients** through the effort of coming to compliance with the requirements of **Medication Management and Use** standards set by Joint Commission International (JCI) specially standard MMU.5.1. **"Medication prescription or orders are reviewed for appropriateness"**



## Corrective Actions

(October 2008 – May 2009)

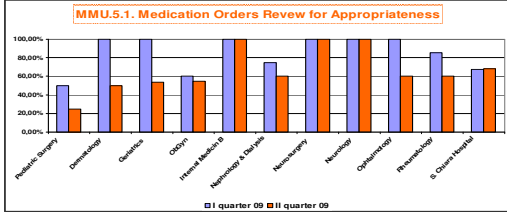
- Meetings with staff (30 Units & 230 people)
- Focused field visits to discuss findings (30 Units & 90 people)
- Policies & Procedures review
- Monitoring of patient records (145 open & 315 closed records)
- Feed-back to units with reports and audits (30 Units & 90 people)



## Monitoring the Improvement

- Evaluation of improvement actions by analysis of data collected (patient records, field visits to units, audits ...)

**MMU.5.1. Medication Orders Review for Appropriateness**



Unit	Q1 quarter 09 (%)	Q2 quarter 09 (%)
Paediatric Surgery	~45	~25
Dermatology	~100	~55
Cardiac	~100	~55
ICU/CCU	~65	~60
Internal Medicine	~100	~100
Neurology & Geriatric	~75	~65
Neurosurgery	~100	~100
Neurology	~100	~100
Ophthalmology	~100	~65
Respiratory	~85	~65
S. Chiara Hospital	~75	~75

■ I quarter 09 ■ II quarter 09

