

Improving patient safety through the establishment of an 'Anonymous Adverse Incident Reporting and Learning System' for Community Pharmacists in Northern Ireland.

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Introduction

The way to improve safety across any discipline is to encourage reporting of incidents and then disseminate any learning.¹ Prior to October 2011, there was no system in place for community pharmacists in Northern Ireland to report any dispensing incidents. Although larger chains have their own 'in house' system for sharing learning, smaller chains or independent pharmacies have had no official mechanism to learn about incidents occurring in other pharmacies or to benefit from any shared learning.

Objectives

To improve patient safety by encouraging CPs (community pharmacists) to report adverse incidents (dispensing errors and 'near misses') anonymously to HSCB and subsequently share learning from adverse incidents among all CPs in Northern Ireland.

'Near miss' is defined as an incident detected up to and including the point at which the medication was handed over to the patient or patient's representative.

Dispensing error is an incident detected after the patient had taken possession of the medication.

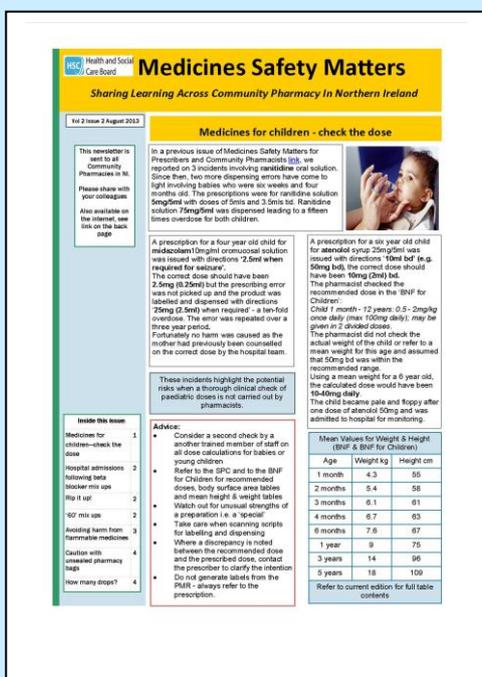
Methodology

- Consultation with peers and experts in patient safety with agreement to promote an anonymous reporting culture.
- Development of the reporting form which was distributed to all CPs in NI.
- Training delivered across NI to CPs through Northern Ireland Centre for Pharmacy Learning & Development (NICPLD) to highlight the main principles of safer dispensing and to promote reporting.

REFERENCE

1. Seven Steps to Patient Safety in Primary Care, NPSA

- Reported incidents analysed and Datix coded and learning shared with all CPs in NI through the Medicines Safety Matters newsletters.
- Survey sent to CPs to determine how useful they rate the new service and safety newsletters.



Results

- 665 anonymous incidents have been reported to HSCB since October 2011.
- The incidents have been coded according to the Datix codes for classifying medication incidents as shown in Figure 1.
- The most common incident has been the wrong dose/strength of medication, followed by a mismatch between patient and medicine.
- 5 issues of Medicines Safety Matters have been published.
- Key messages are the contributory factors and learning around incidents, particularly those that have occurred in more than one pharmacy and/or have caused harm.

Results (continued)

- In the survey, pharmacists said that the newsletters/service are useful and relevant (see Figure 2).

Figure 1: Percentage of Anonymous Adverse Incidents Received According to Datix Subtype

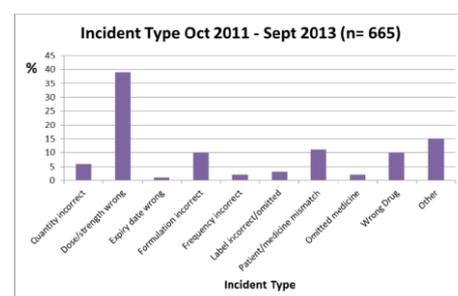
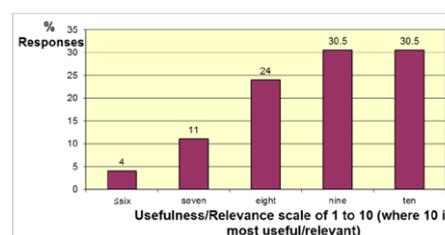


Figure 2: Results of Questionnaire Sent to Community Pharmacists



Way forward

- Priority is for reporting to continue and increase.
- Other suggestions for improving the service include:
 - On line reporting
 - Linking reporting to Continued Professional Development

For further information, see Medicines Safety Matters on the web:

<http://www.hscboard.hscni.net/medicinesmanagement/>