



CONGRÈS DES PHARMACIENS DU CANADA

June 24-27, 2016 THE FUTURE IS HERE Calgary, AB

1. Institute for Safe Medication Practices Canada 2. Leslie Dan Faculty of Pharmacy, University of Toronto

www.pharmacists.ca/conference

INTRODUCTION

Transitional Care: according to the American Geriatric Society (AGS), it i designed to ensure the coordination and continuity of health care as patient between different locations or different levels of care within the same loca

- Up to 23% of hospital discharged patients experience at least one adv 72% being adverse drug events.³
- Patients with one or more medication discrepancy have higher rate of rehospitalization than patients without; therefore, adverse medication hospital readmission, and death can be a result of suboptimal dischar

OBJECTIVE(S)

To identify vulnerabilities and areas of improvement associated with th process so that recommendations can be made to prevent medication associated with transitional care.

METHOD(S)

Searched ISMP Canada Community Pharmacy Incident Reporting (CP Database for medication incidents involving hospital discharges from A to December 2014

Searched Keywords: "Discharge", "Hospital", "Release", "Transfer", "fa incidents from hospital prescriptions.

Selected Incidents for final analysis.

221 incidents were retrieved; but only 83 incidents met the inclusion crite were included in this multi-incident analysis.

Analyzed and categorized incidents into three mains themes and furthe into subthemes.

Identified potential contributing factors.

Provided recommendations to fill in patient-safety gaps

Medication Incidents Associated with Hospital Discharge: A Multi-Incident Analysis

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	RESULT(S)	
is a set of actions		Theme: Error on Discharge Pres
ents transfer ation. ¹ verse event; with of on events,		Subtheme: Medication Inappropria Example) A patient was prescribed Fragmin with the patient's pork allergy. The hospital community pharmacy. Pharmacy discussed not to use Fragmin® due to low risk for ble Subtheme: Medication Omitted Example) The community pharmacist disco failed to include warfarin 5 mg. Error was a
rge. ^{3,4}		kept inquiring about INR paperwork and m Subtheme: Dosing Error
	 Limited access to patient charts strains pharmacists' ability to identify errors. Discharge prescriptions are typically not 	Example) Patient's parent presented with a discharge form written for Flovent® 125 m dose as it seemed high for the patient's ag mcg II puffs bid. The prescriber was contact since she had not intended to change there
ne discharge n incidents	prepared at patient's bedside thus prone to confirmation biases and incorrect patients.	Subtheme: Wrong Patient Example) Patient's daughter-in-law dropped The prescription was for Tecta® (which pate The nurse also explained that patient had so law and the community pharmacist did no the patient experienced mild bleeding and that the prescription was given to the wron
		Subtheme: Wrong Duration of Ther Example) A discharge prescription was wri medications; however, the cardiologist me
	faxed to the community p	
Phire) ⁵	Subtheme: Complex N	ledication Order
pril 2010 ax" or	as well as Coversyl [®] 2 mg blood pressure remains lo	rescription contained an order for Coversyl® once daily. Patient was told to take the lower ow. This was a near-miss event where both Co the patient asked the community pharmacist
eria and		Theme: Community Integration Subtheme: Different Preparations Example) Mother of baby asked pharmac D drops (400 units) as directed on the hos mother was administering 1 drop only to
r divided		hospital utilizing a different concentration Subtheme: Duplication in Medicati Example) The discharge prescription was
	 Hospital formularies may differ from community pharmacy. Discharge prescriptions may be faxed and also given to patients – be careful of duplication. Hospital stays will interrupt blister pack schedules; it is safer to create a new pack. 	brought in another hard copy which was Subtheme: Multi-Medication Comp Example) Amlodipine was prescribed as a Patient normally gets their medications in aid) but amlodipine was given in a vial to it was not flagged as part of the blister per following month's blister packs were prep



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CONCLUSION(S)

escription

tely Ordered

in[®] (Dalteparin), but it is contraindicated al was aware of the allergy, but not the d with both the patient and prescriber

covered that the patient's discharge prescription caught during counselling when the patient nonitoring.

n a pre-printed, fill-in-the-blanks, asthma *mcg II puffs bid. The pharmacist questioned the* ge and since the previous dose was Flovent[®] 50 cted and the lower strength was reordered

bed off a discharge prescription with no name. tient was on) and Plavix[®] (a new medication). some clotting problems so the daughter-inot question the prescription. Three weeks later, it was discovered when he arrived for dialysis ng patient.

ritten for a 30-day supply with five refills for all eant to prescribe clopidogrel for only 16 days.

prescription was art of the "4" nt hence the dose

4 mg once daily r dose if the oversyl® t if both strengths

- Faxing poses a risk of being lost or illegible when transmitted.
- Always be vigilant with discharge medications.
- Keep discharge regimens simple – too many changes at once can lead to confusion.

used in Hospitals

cy for a measure to administer 1 mL of vitamin ospital discharge prescription. Previously the acquire 400 units. Pharmacist clarified that n/preparation.

ion Therapy

s faxed to the pharmacy but the patient entered into the computer again.

pliance Aids

a new medication upon hospital discharge. *in a blister pack (a multi-medication compliance* o "catch-up" to the blister pack schedule. Hence, back and amlodipine was not included when the pared.



pharmacy for a MedsCheck follow-up within 2 weeks of



(BPMDP) and sends to community pharmacist

The role of Best Possible Medication History (BPMH) when conducting a comprehensive medication review (e.g. MedsCheck in Ontario) and medication reconciliation (MedRec) is critical in mitigating medication incidents associated with hospital discharge or transitional care.

ACKNOWLEDGEMENTS

ISMP Canada would like to acknowledge support from the Ontario Ministry of Health and Long-Term Care for the development of the Community Pharmacy Incident Reporting (CPhIR) Program (<u>http://www.cphir.ca</u>). The CPhIR Program also contributes to the Canadian Medication Incident Reporting and Prevention System (CMIRPS) (http://www.ismpcanada.org/cmirps/). A goal of CMIRPS is to analyze medication incident reports and develop recommendations for enhancing medication safety in all healthcare settings. The incidents anonymously reported by community pharmacy practitioners to CPhIR were extremely helpful in the preparation of this multi-incident analysis.

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