



# National Incident Data Repository Safety Brief

## Manitoba Data

**3,898 reports received  
from community pharmacies**  
from April 1, 2017 to March 31, 2022

Reporting period: October 2021 – March 2022

|   |              |
|---|--------------|
| <b>Reports Received</b>                                       | <b>1,848</b> |
| <b>Types of Incidents (including near misses)<br/>(Top 5)</b> |              |
| <b>Incorrect drug</b>   | <b>335</b>   |
| Incorrect dose/frequency                                      | 328          |
| Incorrect strength/concentration                              | 290          |
| Incorrect patient   | 212          |
| Incorrect quantity  | 187          |
| <b>Levels of Harm</b>   |              |
| No Error (e.g., Near Miss)                                    | 804          |
| No Harm   | 1,030        |
| Mild Harm   | 11           |
| Moderate Harm   | 2            |
| Severe Harm   | 1            |
| Death   | 0            |



## National Learning

Manitoba community pharmacies contribute to national learning and safety initiatives that incorporate learning from reported medication incidents and suggest system safeguards to prevent patient harm.

### • **Tips to prevent “incorrect drug” errors include:**



• **TIP:** Integrate bar-coding technology into pharmacy dispensing processes, including compliance packaging and compounding, to minimize medication selection errors. Ensure each product is scanned when multiple products are needed to dispense the medication.



• **TIP:** Fill one medication (i.e., select the product, count as needed, and label the package) before working on another medication.



• **TIP:** Evaluate the potential for error when a new item is added to the pharmacy inventory, and implement preventative strategies (e.g., differentiation for look-alike/sound-alike medications).

Additional safety recommendations can be found in ISMP Canada Safety Bulletins:

<https://ismpcanada.ca/safety-bulletins/>

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More than 275,000 reports of medication incidents have been submitted to the National Incident Data Repository for Community Pharmacies (NIDR) since 2008.

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Safety.  
Improvement.  
Quality.

National Incident  
Data Repository



Référentiel de données  
nationales sur les incidents

**CMIRPS**  
Canadian Medication Incident  
Reporting and Prevention System



**SCDPIM**  
Système canadien de déclaration et de  
prévention des incidents médicamenteux