

## **Drug-related hospitalizations in a tertiary care internal medicine service of a Canadian hospital: a prospective study.**

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Samoy LJ, Zed PJ, Wilbur K, et al. Drug-related hospitalizations in a tertiary care internal medicine service of a Canadian hospital: a prospective study. *Pharmacotherapy*. 2006;26(11):1578-86.

<https://psnet.ahrq.gov/issue/drug-related-hospitalizations-tertiary-care-internal-medicine-service-canadian-hospital>

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[Medication errors](#) are common in hospitalized patients, and are a common reason for emergency room [visits](#). This prospective, observational study examined the frequency with which medication errors resulted in the need for hospital admission. Fully one-quarter of admissions were directly related to a medication error, most frequently an adverse drug reaction or an incorrectly selected medication. This rate is much higher than a [prior study](#) performed in cardiology patients, which found a 6% incidence of medication error–related hospitalizations. As in other studies, the medications most commonly associated with errors were cardiovascular agents and antibiotics.