

●短報 (ノート)

病院、地域薬局の同種・同効医薬品に関する研究

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Studies on Therapeutically Equivalent or Comparable Products in Hospitals and Community Pharmacies

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Abstract :

Objective – To investigate the incidence of duplicate stocking of therapeutically equivalent or comparable products in hospitals and community pharmacies.

Methods – The formularies of ten academic and community hospitals and the stock lists of nine community pharmacies were checked for listing of 546 products including 53 major cardiovascular drugs and their generic prescription products. Products for injection were excluded

Results – Duplicate stocking of products having the same chemical structure, dosage form and dosage occurred in about one half of the hospitals investigated, with an average duplication of 0.7/100 products/hospital. Essentially all community pharmacies stocked duplicate products with an average duplication of 4.7/100 products/pharmacy. Duplication between brand name prescription products in the community pharmacies comprised about 50% of the average duplication.

The majority of hospitals and pharmacies stocked more than three different kinds of dihydropyridine Ca antagonist long-acting tablets or capsules that had the same indications and dosing schedule. ACE inhibitors were stocked in a similar manner.

Conclusion – The duplication of products having the same chemical structure is relatively well controlled in the hospitals. However, there is poor regulation of the duplicate stocking of drugs that have different chemical structure in many hospitals and in the majority of community pharmacies.

Keyword : Therapeutically equivalent or comparable products, Formularies, Drug utilization, Pharmacy administration