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Amlodipine 口腔内崩壊錠（アムロジン® OD 錠）の自動錠剤分包機による調剤に関する研究

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Dispensing of Orally Disintegrating Amlodipine Tablets (Amlodin® OD Tablets) Using an Automatic Tablet Packing Machine

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Abstract

Objective: Orally disintegrating Amlodipine tablets were dispensed using an automatic tablet packing machine, then change in shape or color was examined after packaging. In addition, the method of prescribing and dispensing Amlodipine tablets in Kyorin University Hospital was investigated.

Methods: Orally disintegrating Amlodipine tablets were individually packaged using Xana-4001, an automatic tablet packing machine, then breakage of tablets was checked. In addition, a proportion of pulverization on Amlodipine tablets (film-coated tablets) prescribed and dispensed on an inpatient basis in this hospital during the past 6 months was investigated.

Results: The automatic tablet packing machine used in this study caused no breakage or change to tablets that adversely affected the dispensing operation in individual packaging of orally disintegrating Amlodipine tablets. And 15.8% of film-coated tablets were directed to be pulverized on an inpatient basis. Those were prescribed for 13.5% of inpatient.

Conclusion: Study results show that orally disintegrating Amlodipine tablets can be substituted for original Amlodipine tablets. The current prescribing/dispensing status indicates that orally disintegrating Amlodipine tablets, easy to use in tube administration, are useful.

Key words: Amlodin® OD Tablet, orally disintegrating tablet, automatic tablet packing machine, one-dose package