

## モルヒネ製剤の剤形変更時の薬剤師の対応に関する研究

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### Pharmacist Questionnaire on Pharmaceutical Supports for the alteration of the dosage form of Morphine

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#### Abstract

**Objectives:** During the treatment of a patient with morphine, its formulation and administration route may be adjusted as necessary. Although pharmacists are required to support dosage regimen planning in response to changes of formulation or administration route, few reports have described what actions are actually taken by pharmacists. We aimed to investigate the actual status of pharmacists' support for alterations of the formulation and/or administration route of morphine.

**Methods:** We sent a questionnaire on pharmaceutical support in response to alteration of the dosage formulation of morphine to about 5,000 pharmacists by e-mail.

**Results:** 58.2% of respondents answered that they checked the altered prescriptions based on the attached information sheet, and 70.1% answered that they checked them by using a "conversion table" of morphine.

**Conclusion:** Most pharmacists considered that the dosage regimen of morphine should be planned based on pharmacokinetic calculations. However, most pharmacists considered this clinically unfeasible. 60.8% of pharmacists consider that a computer-aided system to plan dosage regimens of morphine based on pharmacokinetics would be useful.