

## 医療用医薬品添付文書情報に関する検討 (その2)

### 添付文書における相互作用情報

#### - ニューキノロン系抗菌薬と非ステロイド性抗炎症薬の相互作用に関して -

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### Evaluation of the information on package inserts for medicine (part 2)

#### Information on drug interactions in package inserts

#### - With respect to interactions between new quinolone antimicrobial agents and non-steroidal anti-inflammatory drugs -

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#### Abstract :

**Objective:** As concurrent therapy with new quinolone antimicrobial agents (quinolones) and non-steroidal anti-inflammatory drugs (NSAIDs) is reported to induce convulsion, and the concurrent therapy is contraindicated or careful monitoring is recommended on many package inserts of these agents. To prevent drug interactions, accurate information should be clearly provided. In this study, we surveyed the descriptions on package inserts regarding drug interactions between quinolones and NSAIDs, as well as information on the systematic classification of NSAIDs, which is required to clarify the interactions between the two agents. We also investigated whether we could readily access the information on the concurrent therapy, a part of which is contraindicated or required careful monitoring.

**Methods:** We surveyed the descriptions regarding drug interactions on package inserts of quinolones and NSAIDs. We also surveyed the systematic classification of NSAIDs on the package inserts, and in textbooks and drug reference books to prepare a table in which the interactions between quinolones and NSAIDs were summarized.

**Results:** On package inserts for quinolones, concrete information of NSAIDs was described with respect to the concurrent therapy with contraindication. However, on the inserts, NSAIDs, which were required careful monitoring for the concurrent therapy with quinolones, were described according to the systematic classification of NSAIDs, such as phenyl acetates agents and propionic acids. On most package inserts of NSAIDs, the systematic classification of these agents was not written. In many textbooks and drug reference books, the classification was not clear. As to the drug interaction of quinolones and NSAIDs, the expressions of the interaction in the package inserts of quinolones and NSAIDs were different from each other.

**Conclusions:** These results suggest that the systematic classification of NSAIDs focusing on their interactions with quinolones should be established to obtain useful and accurate information on the interactions. Furthermore, it should be important to describe this information on the package inserts of both quinolones and NSAIDs.

**Keywords :** package inserts, drug interaction, new quinolone antimicrobial agents, non-steroidal anti-inflammatory drugs, systematic classification