

# Web を利用した処方医薬品の添付文書情報の一括表示法

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## A Method to Provide Package Insert Information of Prescription Drugs Collectively on the Web.

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### Abstract

#### Objective

To promote the appropriate use of pharmaceuticals and to prevent side effects, pharmacists as well as physicians need to use informations based on package inserts of drugs. We developed a method to provide drug informations for several prescription drugs collectively at the same time on the Web.

#### Methods

Over 17,000 items of drugs were corded according to their upper 7 digits of the 12 digits of so called "hot code" on the basis of our previous drug-interaction detecting system for prescribed drugs. Several modifications were required in order to link informations of disease and medical guideline. To developed a simple method to provide package insert information of prescription drugs on web system, PHP for programming and MySQL for database were employed using the Macintosh OS X.

#### Results

The database thus provides the collective-informations for 3 to 5 prescription drugs on the Website within 10 to 20 seconds. Package insert information can be accessed item by item, through the internet from "http://202.244.210.68".

#### Conclusion

The collective-informations for each prescription drugs Website has been successfully operated with the simplest system. We are conducting further studies to link our previous system such as drug-interaction detecting system.

**Key Words:** prescription drug, package insert information, PHP, MySQL