# Guide for the Hachioji Pharmaceutical Center

Pharmacy of the Hachioji Pharmaceutical Center

## The Role of the Hachioji Pharmaceutical Center

#### 1. Protection of the proper use of drugs

The center promotes the correct dispensing and proper use of drugs under prescription through prescription checks, guidance for drug use, monitoring for drug interaction and reviews of patients' medication history profile.

#### 2. Education of Patients

The center contributes to the health of Hachioji citizens through educational programs on health and drugs. "My Health and Drugs" and "Health Plus One" are magazines published for patients.

#### 3. Study Programs

The Hachioji Pharmaceutical Center contributes to education and training in pharmaceutical science through study programs. It also provides training to the members of the Hachioji Pharmaceutical Association and accepts pharmacy students from the Tokyo University of Pharmacy and Life Science and other trainees to engage in clinical pharmacy study.

#### 4. Information for Medical Institutions

The center promotes the provision of information to regional medical institutions in support of drug information activities. Specifically, drug interaction bulletins and other notifications are issued to pharmaceutical associations, medical associations, and dental associations in the region. The center contributes to the promotion of the health in the residents of the region.

#### 5. Operations in accordance with guidelines

The Hachioji Pharmaceutical Center Pharmacy is run in accordance with the "Pharmacy Operation Guidelines" established by the Ministry of Health and Welfare.

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## Description of the Hachioji Pharmaceutical Center Pharmacy

The Hachioji Pharmaceutical Center Pharmacy was founded in 1980 in a joint effort between the Hachioji Pharmaceutical Association and the Tokyo University of Pharmacy and Life Science.

Gross floor space: 1,273.2 m<sup>2</sup>

1st floor......440.0 m<sup>2</sup> Dispensing room, Waiting room etc.

2nd floor ......416.6 m<sup>2</sup> DI room, Formulation room, Computer room etc.

3rd floor ......416.6 m<sup>2</sup> Meeting room, Test room, Office etc.

Number of prescriptions for outpatients: approx. 720, Mon. through Fri.

approx. 490 Saturday

Average waiting time: About 20 minutes

Number of employees: 71

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Pharmacists: 31

Clerks: 2

Part-time workers: 38

Number of drugs: approx. 1,300

Oral medicines: 1015
External use medicines: 327

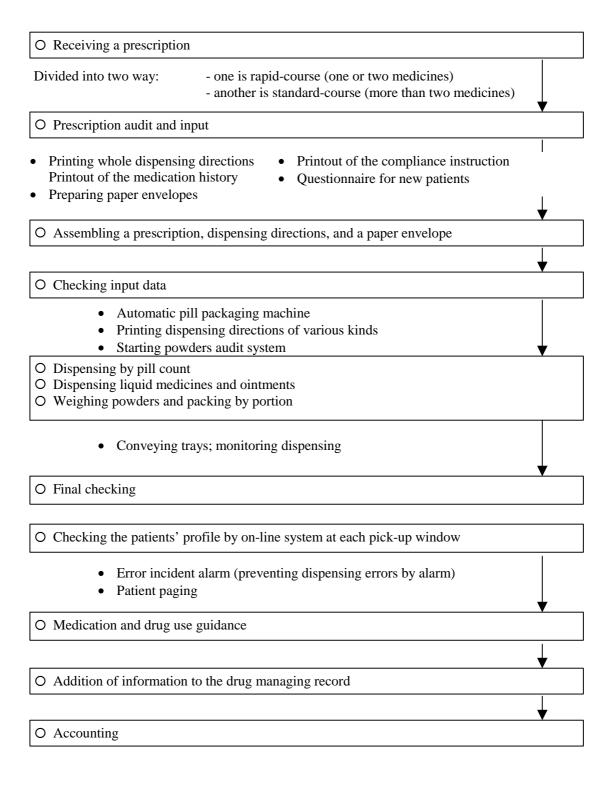
Insulin: 38

Others: Syringes and needles: approx......10

Written orders: approx......13

Amount of drugs purchased (drug sales): approx. 2.3 billion yen per year

# Flow Chart of the process from receiving a prescription to providing medicine to a patient



\* An open circle (O) indicates what is done by a pharmacist. A solid circle (•) indicates what computer does automatically.

# **Prescription audit items done by computer**

- 1. Does check (adult, child)
- 2. Checking for drugs in which long-term administration is prohibited
- 3. Checking for duplicate administration

Drugs consisting of the same ingredients and having the same treatment value

4. Checking for drugs in which combined use is prohibited drug (drug interaction)

# Major areas of computer control upon prescription input

Printing whole dispensing directions

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Selecting a paper envelope and printing

Printing dispensing directions for each section (powders, pills, liquid medicine, and ointment)

Starting the automatic pill packing machine

Starting the powders audit system

Controlling the conveyer for tray conveyance

Providing photographs of drugs, issuing instructions on drug use

Management of medication history profiles

# Organizational Chart of the Hachioji Pharmaceutical Center

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