

〈シンポジウム〉「基剤と添加物の役割」

## 外用医薬品における主剤と添加物

秦 武久,\* 太田仁司,\* 村上嘉男\*

### Drugs and Additives in Ointments

Takehisa HATA,\* Hitoshi OHTA,\* Yoshio MURAKAMI\*

#### Abstract

In the general rules of JP X, the medicinal additives are defined as substances which are added to pharmaceutical preparations to assure the permanency or usefulness of the product during storage. In addition, these substances must be non-toxic and harmless and must not interfere with the therapeutic efficacy or test of the preparations.

Many different types of the additives such as solubilizers, stabilizers, preservatives, etc. are used in the ointments which are applied to the human skin. Among these additives, the solubilizers are regarded to be one of the most important additives in order to design the said products with higher efficacy and safety as well as higher quality. The role of the solubilizers is discussed in terms of the drug release from the vehicle and percutaneous absorption.