

〈シンポジウム〉「基剤と添加物の役割」

## 主剤と添加物の考え方 —— 医薬外用剤および化粧品のパッチテスト集計よりの考察 ——

山本 幸代\*

### Point of View on Main Components and Additives — From Cumulative Data of Patchtesting with Topical Medicaments and Cosmetic Products —

Sachiyo YAMAMOTO\*

#### Abstract

Patch tests with topical medicaments were applied in standard fashion to the grossly intact skin of 1,126 patients who were attending our clinic because of contact dermatitis. Similarly, patch tests with cosmetic products were performed in female patients with contact dermatitis of the face. Cumulative data were summarized and compared on topical drugs over a period of 4 years (1979 to 1982), and on cosmetic products in 1975 to 1976 and in 1981 to 1982. The incidence of positive reactions to ingredients of topical medicaments and cosmetic products in patch tests was also presented.

The foregoing medical ointments were designed with emphasis on the transepidermal penetration of the active ingredient into the dermis and the lasting stability of the product under defined physical conditions. However, the skin safety of topical medicaments as well as cosmetic products has recently become a matter of great concern. Most of topical medicaments are applied to damaged skin, so that the patient will be more easily sensitized to any of the ingredients than to those of cosmetic products.

Moreover, the both topical products contain some common allergenic ingredients. Therefore, it is my strong desire to have medical ointments labelling allergenic ingredients in near future.