

〈シンポジウムII：化粧品クリームの問題点〉

## クリーム処方構成とその意味

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### Considerations for the formula of Cosmetic Cream

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Cream is a representative form of cosmetics, and is classified into types, the ingredients of which, however, are not always determined. For example, there are many so-called "emollient agents" which do not necessarily have similar effects.

Many are known as additives such as vitamins, but the most appropriate amount in the cream and their effects are not clearly determined.

The formulator usually determines the formula of the cream by setting up first a simple formula to which various compounds are added, and then judging their propriety by the method of hit and miss. When repeated, the formula will be a multi-ingredient system, which may tend to present a problem upon process control, moreover, changes in sensitivity will increase, especially those of cross-sensitivity, all of which may be undesirable from the viewpoint of safety.

The amount of perfume material which has an anti-static action in cream should be considered in relation to the amount of the preservatives.

The formula of cream is closely related to the manufacturing procedure and equipment, and any change can greatly influence the preparation. All manufacturing should be conducted in a closed system to avoid contamination and contents of the formula are expected to differ with time.