

〈シンポジウム〉

(評価法の標準化は如何にあるべきか)

日本化粧品工業連合会におけるシワ評価法の作成

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Establishment of a Guideline for Measuring Wrinkles by Japan Cosmetic Industry Association

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Abstract

In order to investigate a methodology for evaluating method of wrinkles on the skin surface, Japan Cosmetic Industry Association has organized Efficacy-evaluating Method Committee. Anti-wrinkle cosmetic products are sold at a market in U. S. and Europe, but not approved in Japan. The purpose of this committee is to establish a guideline to measure the wrinkles of the skin, and the efficacy of anti-wrinkle cosmetic products. Three typical methods for the quantitative determination of wrinkles, two-dimensional image analysis by irradiating slanting light, determination of absorbance with semitransparent-colored replica, three-dimensional image analysis (light cutting method, pattern projection method) are investigated, then guidelines on these methods are prepared. Considerations are made for insure the reproducibility, reliability and acceptability in general.

Key words: efficacy evaluation, wrinkles, guideline, image analysis, quantitative determination of wrinkles.