

〈教育セミナー〉

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## 美容施術とアフターケア化粧品の効果

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### The Efficacy of Cosmetics after Cosmetic Dermatologic Treatment

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#### Abstract

Chemical peeling as well as non-ablative laser (light) therapy is now a widely accepted treatment also in Japan. In order to obtain the more desirable treatment results for acne, pigmentation, and wrinkles, the mechanisms of these therapies on the skin cells, and the efficacy and limitation of the improvement of each skin condition should be clarified. Here the reported mechanisms and the efficacy of such treatments were reviewed and also the results of our recent *in vitro* and *in vivo* study were briefly introduced. As for the mechanism of non-ablative laser (light) therapy, heat shock protein might be involved in the induction of skin rejuvenation. To achieve the desirable effect, however, the skin condition should be carefully examined and diagnosed by an experienced and certified dermatologist.

**Key words:** skin rejuvenation, pigmentation, wrinkles, chemical peels, intense pulse light (IPL), heat shock protein.