## 〈**教育セミナー**〉 (皮膚と毛髪の色の科学)

## 美容皮膚科領域における美白の最近の方法論

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## The Latest Bleaching Methodology in Cosmetic Dermatology

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## **Abstract**

What is generally called blotching, which is an object of whitening in cosmetic dermatology, contains various acquired pigmentary anormalies: those caused by anormaly of melanocyte such as chloasma, ephelides and acquired dermal melanocytosis, those caused by anormaly of keratinocyte such as senile pigment freckle, and also pigmented contact dermatitis and fixed drug eruption as post inflammatory pigmentation. Because there are various kinds blotching and each has the most suitable therapeutics in its own way, precise clinical diagnosis at the first medical examination is very important in practical therapy. In this manuscript recent therapeutic techniques for blotching and choice of therapeutics will be indicated.

Key words: laser therapy, cryotherapy, retinoic acid therapy, whitening agent, chemical peeling.