

〈教育セミナー〉

アクセサリーオーガンとオーラルケアの化粧品学～エチケットのサイエンス～

魅力あふれる唇をめざして
—唇の生理とケア—

引間理恵

Approaching for Charm Lip
—Lip Physiology and Treatment—

Rie HIKIMA

Abstract

The lip is an area of transition between the mucous membrane and the skin, with physiological characteristics that are considered different from those of skin. Therefore, in an attempt to find an effective treatment method appropriate for lip, we examined detailed changes in lip chapping and aging. We observed the surface morphology of corneocytes with lip chapping and investigated changes in desquamation-regulating proteinases. The results suggested that reduced cathepsin D-like proteinase (CD) might be one factor involved in desquamation abnormalities accompanying lip chapping. Therefore, we proposed that an enhancement of CD activity and lip moisturization may be effective to improve lip chapping. We then investigated age-related changes in lip color. The results showed that a* in lip color became less with age. We discovered that this is due to a change in the condition of the blood vessels running through the lip surface. It may be important to increase the volume of blood flowing through the lip surface and also to make it easier for the blood to flow through the lip surface. We also demonstrated that with aging, the lip surface exhibits changes in shape including the development of horizontal wrinkles as well as vertical wrinkles. Such age-related changes may play a major role in how old a face looks. The application of make-up on lip to correct these age-related phenomena may give a more youthful appearance to the face.

Key words: lip chapping, aging, lip color, morphology, lip treatment.