

〈シンポジウム〉

「皮膚科医と香粧品研究者とのクロストーク」

## く す み

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### Kusumi

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#### Abstract

Although Kusumi is a serious problem for females in Japan, it has not yet been clearly defined, because it is a very complicated phenomenon. According to mass examination of 975 females for Kusumi, it is considered that skin color become yellowish and dark with age influenced by pigmentation, decline of blood circulation and roughness of the skin surface among other factors. In order to confirm this phenomenon, we attempted to measure cheek skin color. The skin color was assessed by measuring  $L^*$ ,  $a^*$ ,  $b^*$  values using a face image taken by video camera. The standard deviation of the  $L^*$  values, which indicates the ununiformity of the distribution of skin color, increased with age and degree of Kusumi. These findings suggest that two factors of Kusumi are darkness of skin color and unevenness of skin color.

**Key words:** Kusumi, darkness, unevenness, ununiformity