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A Study of Age Changes in Skin Colour Reflectance of Vokkaliga Boys of Mysore

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ABSTRACT The Present study is based on a sample of 130 Vokkaliga boys of Mysore ranging in age from 9 to 20 years. EFL skin reflectance spectrophotometer with nine filters (601-609) of different wavelengths has been used for quantitative evaluation of skin reflection of each subject at three sites that is, center of forehead, inner side of upper arm and flexor surface of forearm. At all the three sites, the darkening of the skin has been observed during pre-adolescent phase at center of forehead and inner side of upper arm. During post adolescent period further darkening of skin has occurred at inner side of upper arm, whereas at the other two sites, a slight lightening of skin colour is observed. While comparing the skin colour reflectance of the present sample with Punjabi boys, it has been observed that Vokkaliga boys have significantly low percentage reflectance at all the three sites and with all the nine filters.