

번호 21-4

제 목	국 문				
	영 문	STUDIES ON CLASSIFICATION METHODS OF CHILDHOOD'S OBESITY			
저 자 및 소 속	국 문				
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<p>Objectives. The prevalence of pediatric obesity is increasing and focusing on social problem. There is a quite of methods to classify obesity. However in child, they are growing up faster and examination of childhood's obesity is not easy. The purpose of this study was to compare the results came by two classification methods of obesity and to suggest more ideal one.</p> <p>Methods. Cross-sectional data obtained from nation-wide anthropometric survey. A total of 109,451 subjects (57,480 males and 51,971 females aged 0-20y) were recruited. Body height, weight, chest and head circumferences were measured. Obesity Index was calculated by using the both weight-for-age and weight-for-height respectively.</p> <p>Results. The prevalence of overweight was significantly different between two methods. The prevalence of overweight by weight-for-age was generally higher than by weight-for-height. The mean values of prevalence of overweight by weight-for-height were 5.1% for men and 4.2% for women respectively, while the 8.2% for men and 7.4% for women by weight-for-age method. And the prevalence of underweight by weight-for-age was also higher than by weight-for-height. The mean values of prevalence of underweight by weight-for-height were 5.7% for men and 6.7% for women respectively, while the 7.8% for men and 7.8% for women by weight-for-age method.</p> <p>Conclusion. These results showed the limit of classification methods of childhood's obesity. Therefore, we concluded that more integrated and ideal method for classification criteria of childhood's obesity should be established. The longitudinal studies for the evaluation of acceptability and validity will be performed.</p>					