20대 여성의 팬티스타킹 착용실태 및 신체치수에 따른 맞음새 만족도 차이

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The State of Wearing Pantyhose and The Difference Satisfaction of
Fitness According to Body Size of Women in Their Twenties

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The purpose of this study is to provide the baseline data for rational subdivision of size standard for women in her twenties before aging, thereby conducting the satisfaction of fitness according to body size, pantyhose, with this result, to analysis the boundary of size to occur dissatisfaction.

For this study, the body items in connection with pantyhose were measured directly, and the questionnaire of state of wearing and satisfaction level were conducted for 20’s women in capital area (Seoul and Gyeonggi-do) in January~May 2013. The subject participants of this study were 244, performed analysis of frequency, descriptive statistic, Pearson correlation, ANOVA and Duncan test for post analysis using the SPSS 18.0 for window statistic package.

The results of this study are summarized as follows. Women in twenties purchase mostly at convenience store and discount store, considering the feature of product such as thickness and stretch mainly. For the needs of size standard, size subdivision was answered, especially three-level size standard marked sign (S, M, L) was high ranked. As the reference measurements, height, waist measurement and hip circumference were demanded in order.

In terms of product all-round satisfaction of fitness of pantyhose, people think around waist-to-hip circumference tight and around knee-to-ankle loose for measurement of circumference. For length item, there were different dissatisfaction such as 'loose' and 'tight' even in same body part, which may mean the needs of subdivision in a current singular size standard.

In the investigation for the classes divided as body size, there were a distinct difference in satisfaction of fitness for length item according to height of research subjects, and subjects’s weight influenced satisfaction of fitness around circumference and width of pantyhose. There were the difference in each body parts except leg length and foot length for groups with waist size, and showed the different satisfaction of fitness in groups with hip circumference in each body parts except height of pantyhose.

As a result of correlation to research the high-dissatisfaction group in fitness, height, weight, waist size were selected as representative item, and eight groups were decided on the combination with them. Four groups of high satisfaction of fitness in measurement of circumference and length item were declassified gradually, and C group (height2-weight1-waist measurement1), E group (height3-weight2-waist measurement1), G group (height3-weight3-waist measurement3) were decided as high dissatisfaction of fitness lastly. This four were groups to have dissatisfaction of fitness in both length and width part, which may mean to be groups that demand to revision of the current size standard.

As follows in the study of special ability of the body on size and satisfaction level in detail for three high dissatisfaction of fitness. The group [height (156.65~163.90cm), weight (38.40~48.25kg), waist measurement (56.50~65.65cm)] were needed the small size standard beside the current size standard. The group [height (163.90~175.10cm), weight (48.25~57.40kg), waist measurement (56.50~65.65cm)] were needed the longer size in the standard length item and the measurement of circumference abridged beside the current size standard. The group [height (163.90~175.10cm), weight (57.40~