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Comparison of lifestyle, concern for the environmental pollution and health behavior of mother with atopic dermatitis infants

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Background & Purpose: Industrial development has brought about the convenience of our lives, but it is causing various environmental problems. The incidence of atopic dermatitis, one of the environmental diseases, is increasing in Korea. In particular, since infants are fully dependent on their mothers, their lifestyle and health behaviors are directly linked to their children's health. Therefore, this study aimed to compare of lifestyle, concern for the environmental pollution and health behaviors between mothers with a child with atopic dermatitis and mothers with no atopic dermatitis.

Method: With a descriptive design, a cross-sectional survey was done with a convenience sample of 200 mothers at infants' mother clubs in an urban area. Data were collected by a self-reported questionnaire.

Result: The mothers with a child with atopic dermatitis were 40 (20.5%). There was a significant positive correlation among pro-environmental lifestyle ($r=0.42$, $p<0.0010$), health-centered lifestyle ($r=0.56$, $p<0.001$), concern for the environmental pollution ($r=0.58$, $p<0.001$) with health behavior. Also, there was a significant difference in pro-environmental lifestyle between mothers with a child with atopic dermatitis and mothers with no atopic dermatitis ($t=-6.00$, $p<0.001$).

Conclusion: It is known that atopic dermatitis is associated with environmental pollution. The results of our study showed that mothers with children diagnosed with atopic dermatitis were less eco-friendly. Therefore, it is necessary to provide specific information that related to atopic dermatitis in parenting education with atopic dermatitis children.

Biography

SoMi Park is a Professor in the Department of Nursing, Yonsei University, Republic of Korea and also a Lecturer on Women's Health in the university, expertise is in the development of interventions for prevention and early detection of cancer in women in the community and moreover concerned about environmental health and how it relates to women's health.

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