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## Korean mothers 'opinion about daughters' Pap test

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**Background:** This study aimed to determine the health beliefs of mothers about preventing cervical cancer in their daughters, their intention to recommend the Pap test to their daughters, and the factors influencing this intention.

**Methods:** A cross-sectional survey design was employed, and the study enrolled mothers (n=1,581) of pubescent girls aged 13 to 18 years who were living nationwide in Korea. The impacts of health beliefs of the mothers on their intention to recommend the Pap test to their daughters were assessed using multiple logistic regression analysis.

**Results:** The significant health beliefs influencing the intention to recommend the Pap test were the perceived barriers [odds ratio (OR)= 1.47, 95% confidence interval (95% CI)=1.03–2.11] and benefits (OR=2.25, 95% CI=1.55–3.25). The significant sociodemographic factors of mothers were their education (OR=1.52, 95% CI=1.08–2.13), their experience of talking about the Pap test with their daughters (OR=2.11, 95% CI=1.23–3.64), their regularity of undergoing the Pap test themselves (OR=1.98, 95% CI=1.30–3.03), and their age when they first underwent the Pap test (OR=1.60, 95% CI=1.43–0.82).

**Conclusions:** Most of the mothers had an intention of recommending the Pap test to their daughters. To promote mothers' intention, it is necessary that increasing their perceptions of the benefits while reducing their perceptions of barriers toward their daughters undergoing the Pap test, and by empowering active communication about the Pap test between mothers and daughters.

## Biography

Hae Won Kim has completed her PhD from Seoul National University and Postdoctoral studies from University of Michigan, School of Nursing. She has been serving as an Editorial Board Member of Asian Nursing Research and Journal of Korean Medical Science. Currently she has been a Professor at Seoul National University College of Nursing.

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