

Susceptibility and Factors of Pertussis Vaccination Adherence in Korean Health Care Workers

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Objective: To examine pertussis susceptibility and identify factors that might influence commitment to pertussis vaccination plan among Korean health care workers. **Methods:** The susceptibilities were examined using *Bordetella pertussis* IgG ELISA. The individual and related behaviors and cognition and affect factors were measured. **Results:** Approximately 20% of subjects were susceptible to pertussis. Only perceived sensitivity and social support system

were found to have significant direct effects on commitment to vaccination plan. **Conclusions:** Vaccination with pertussis among health care workers is certainly needed in Korea. In practice, when developing educational programs, perceived sensitivity and support systems need to be specifically considered.

Key words: health behavior; immunization, pertussis, health care workers

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