

ABSTRACT

**ASSOCIATED FACTORS WITH NURSE COMPLIANCE TO HAND
HYGIENE WITH THE APPROACH OF *THEORY OF PLANNED
BEHAVIOUR* AT RUMAH SAKIT HAJI SURABAYA**

A Cross Sectional Study at Rumah Sakit Haji Surabaya

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The spread of Infection through hand hygiene application of appropriate hand hygiene procedures by health care workers still low. handwashing among healthcare workers is a fundamental behaviors in an effort to prevent Cross-infection. The aim of this Study is to analyze associated Factors with nurse compliance to hand hygiene with the approach of theory of planned behaviour at RSU Haji Surabaya.

The method of this study was cross sectional. Total sample was 38 respondents taken according to inclusion criteria. The dependent variabel is hand hygiene compliance, The independent variabels are attitude, subjective norm, perceived behavioral control, and intention. Spearman's rho is used for analyzing data with the level of significance $p \leq 0,05$.

Result showed there is correlation between attitude factor with intention ($p = 0,000$), there is no correlation between subjective norm factor with intention ($p = 0,132$), there is correlation between perceived behavioral control with intention ($p = 0,004$), there is no correlation between intention factor with compliance ($p = 0,520$). It can be concluded that intention in nursing compliance with hand hygiene had a significance correlation with attitude factor and perceived behavioral factor. But had not correlation with subjective norm, and intention. further studies should use this result as an evidence based to improve hand hygiene compliance.

Keywords: Nurse compliance, hand hygiene, theory of planned behavior