

# Perbedaan Kepatuhan Perawat Melakukan Hand Hygiene Sebelum dan Sesudah Penggunaan Hand Rub Pocket/Clip-On Dispenser di Instalasi Gawat Darurat RSUP Fatmawati Jakarta = Differences Nurses Doing Hand Hygiene Compliance Before and After Use of Hand Rub Pocket/Clip-On Dispenser In Hospital Emergency Fatmawati Jakarta

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## Abstrak

Penelitian ini untuk mengetahui perbedaan kepatuhan perawat melakukan hand hygiene sebelum dan sesudah penggunaan hand rub pocket/clip-on dispenser di Instalasi gawat darurat rumah sakit umum pusat Fatmawati. Desain penelitian ini pra-eksperiment dengan one-group pra-post test design. Perlakuan yang diberikan adalah hand rub pocket/clip-on dispenser. Penelitian ini mengambil sampel perawat Instalasi gawat darurat Fatmawati berjumlah 45 orang. Observasi dilakukan secara total sampling dengan menggunakan lembar format observasi World Health Organization. Hasil penelitian didapatkan Mayoritas responden adalah berusia 25-35 tahun, berjenis kelamin perempuan (64,4%) dan berpendidikan DIII Keperawatan (84,4%). Kepatuhan hand hygiene perawat Instalasi gawat darurat Fatmawati sebelum perlakuan rata-rata sebesar 0,45 (SD=0,20) dan sesudah perlakuan rata-rata sebesar 0,83 (SD=0,17). Penggunaan jenis hand hygiene terbanyak sesudah perlakuan adalah hand rub pocket/clip-on dispenser rata-rata 1,84 (SD=1,53). Hasil uji t dependen menyatakan  $p=0,00$  ( $p < 0,05$ ) berarti ada perbedaan tingkat kepatuhan hand hygiene perawat sebelum dan sesudah perlakuan. Penggunaan hand rub pocket/clip-on dispenser perlu diadakan di pelayanan rumah sakit.

.....This research aimed to know the differences of hand hygiene compliance of nurses before and after used of hand rub pocket/clip-on dispenser at emergency unit at the public hospital of Fatmawati. This research used design preeksperiment with one-group pre-post test design. The intervention were hand rub pocket/clip-on dispenser. The respondents are 45 emergency nurses at the Fatmawati hospital. Observations hand hygiene using format observation world health organization. Results, the majority of respondent were aged 25-35 years, female sex (64.4%) and educated DIII Nursing (84.4%). Hand hygiene compliance of nurses emergency unit at Fatmawati hospital before intervention by an average of 0.45 (SD = 0.20) and after intervention by an average of 0.83 (SD = 0.17). The most used type of hand hygiene hand rub was after intervention is hand rub pocket/clip-on dispenser on average 1.84 (SD = 1,53). The results of independent t-test, there were significant differences in the level of compliance of hand hygiene before and after intervention with p value of 0,000 ( $< 0,05$ ). The recommendations of this study is hand rub pocket/clip-on dispenser can used in the hospital service.