

**EFEKTIVITAS VIDEO MODELLING HAND HYGIENE  
DALAM MENINGKATKAN KEPATUHAN HAND  
HYGIENE TENAGA KESEHATAN DI RS PKU  
MUHAMMADIYAH GAMPING**

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**INTISARI**

*Hospital Associated Infections (HAIs) menjadi masalah dunia. Penyebabnya karena kepatuhan hand hygiene tenaga kesehatan yang masih rendah dan infeksi disebarkan melalui tangan tenaga kesehatan. Video modelling hand hygiene merupakan pelatihan hand hygiene yang melibatkan tenaga kesehatan sebagai role model guna membentuk perilaku dan meningkatkan kepatuhan hand hygiene tenaga kesehatan. Jenis penelitian ini adalah quasy experiment desain pretes-postes dengan kelompok kontrol. Populasinya semua perawat bangsal Zaitun, Naim, IGD dan dokter IGD RS PKU Muhammadiyah Gamping. Sampel terdiri dari 14 perawat Zaitun, 16 perawat Naim, 13 perawat IGD dan 8 dokter IGD. Uji analisis menggunakan paired t-test untuk mengetahui perbedaan kepatuhan hand hygiene sebelum dan sesudah dilakukan video modelling hand hygiene dan man-withney untuk mengetahui perbedaan hand hygiene kelompok kontrol perawat bangsal Zaitun dengan intervensi perawat bangsal Naim. Hasil penelitian didapatkan perbedaan kepatuhan hand hygiene sebelum dan sesudah observasi kelompok kontrol perawat bangsal Zaitun dengan nilai  $p=0,000$ . Perbedaan kepatuhan hand hygiene sebelum dan sesudah intervensi kelompok intervensi perawat bangsal Naim dengan nilai  $p=0,000$ . Perbedaan kepatuhan hand*

*hygiene* sebelum dan sesudah intervensi perawat IGD dengan nilai  $p=0,000$ . Perbedaan kepatuhan *hand hygiene* sebelum dan sesudah intervensi dokter IGD dengan nilai  $p=0,000$ . Perbedaan *hand hygiene* kelompok kontrol perawat bangsal Zaitun dengan intervensi perawat bangsal Naim dengan nilai  $p=0,048$ . *Video modelling hand hygiene* efektif dalam meningkatkan kepatuhan *hand hygiene* tenaga kesehatan. Oleh karena itu, pihak manajemen rumah sakit dapat menggunakan metode ini guna meningkatkan kepatuhan *hand hygiene* tenaga kesehatan.

**Kata Kunci:** *hand hygiene*, kepatuhan, tenaga kesehatan, *video modelling*.

**EFFECTIVENESS OF *HAND HYGIENE* VIDEO  
MODELLING IN INCREASING COMPLIANCE OF  
*HAND HYGIENE* THE HEALTH WORKERS IN PKU  
MUHAMMADIYAH GAMPING HOSPITAL'S**

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**ABSTRACT**

*Hospital Associated Infections (HAIs)* become a world problem. The causes for the compliance of *hand hygiene* of health workers is still low and infections spread through hands of health workers. *Video modeling of hand hygiene* is *hand hygiene* training involving by health workers as role models, to shape the behavior and increase of *hand hygiene* compliance on health workers. This research is a *quasi eksperimental* (research pseudo) with a pretest-posttest design with a control group. The population of all nurses working in Zaitun wards, Naim ward, emergency department and doctors of emergency department in PKU Muhammadiyah Gamping Hospital's. The sample consisted of 14 nurses of Zaitun ward, 16 nurses of Naim ward, 13 nurses of emergency department and 8 doctors of emergency department. Test analysis using *paired t-test* to determine differences in compliance before and after doing the video modelling of *hand hygiene* and *man-withney* to know the difference of *hand hygiene* the control group nurses of Zaitun ward with nurses intervention of Naim ward. The results showed a difference of *hand hygiene* compliance before and after the

observation control group nurses of Zaitun ward with a value of  $p=0,000$ . Differences of *hand hygiene* compliance before and after the intervention on intervention group nurses of Naim ward with a value of  $p= 0,000$ . Differences of *hand hygiene* compliance before and after the intervention on nurses of emergency department with a value of  $p=0,000$ . Differences of *hand hygiene* compliance before and after the intervention on doctors of emergency department with a value of  $p=0,000$ . Differences of *hand hygiene* control group nurses of Zaitun ward with intervention group nurses of Naim ward a value of  $p=0.048$ . *Video modelling of hand hygiene* is effective in increasing compliance with *hand hygiene* of health workers. Therefore, the hospital management can use this method to increase compliance with *hand hygiene* of health workers.

**Keywords:** *hand hygiene*, compliance, health workers, *video modelling*.