

POSTER PRESENTATION

Open Access

Compliance of hand hygiene of healthcare workers in emergency care unit in a private tertiary hospital in São Paulo.

EA Tito^{*}, J Kawagoe, P Gonçalves

From 3rd International Conference on Prevention and Infection Control (ICPIC 2015)
Geneva, Switzerland. 16-19 June 2015

Background

The objective of this study was to assess the compliance of hand hygiene (HH) of healthcare workers (HCWs) in emergency care unit in a private tertiary hospital in São Paulo.

Methods

An observational study was conducted on the compliance of HH for the five World Health Organization (WHO) indications. HCWs were observed during routine patient care in day shift. The authors also measured the technique of HH through hand washing or hand hygiene with alcohol-based disinfectant. An observational study was performed before and after intervention. This intervention did training with the multidisciplinary team and communication (posters, email, phone and video). The video was done with the healthcare workers in emergency care unit.

Results

A total of 530 HH opportunities were identified during the observation period. Overall compliance before intervention (BI) was 56% and after intervention (AI) 72,4% ($P < 0.05$). Compliance before and after intervention: nurses (52,1% and 68.3%)[$p < 0.05$] and doctors (59% and 75%) [$p < 0.05$].

Conclusion

Adherence to hand hygiene practice and use of alcohol-based disinfectant of the doctor was high compared with the literature. The main point was the participation of physicians in the intervention.

Disclosure of interest

None declared.

Published: 16 June 2015

doi:10.1186/2047-2994-4-S1-P158

Cite this article as: Tito et al.: Compliance of hand hygiene of healthcare workers in emergency care unit in a private tertiary hospital in São Paulo. *Antimicrobial Resistance and Infection Control* 2015 **4**(Suppl 1):P158.

Submit your next manuscript to BioMed Central
and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit

 BioMed Central

Hospital Israelita Albert Einstein, São Paulo, Brazil