

Infection Control Practices Amongst Amo In Pre Hospital Care

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Infection control is an essential component of health care. The literature generally suggests that Assistant Medical Officers less knowledge about infection control principles and standards is poor or, at the very least and inadequate. There is paucity in the study among Assistant Medical Officers regarding knowledge of infection control principles and standards, particularly in the Malaysian pre-hospital context. The purpose of this study was to determine Assistant Medical Officers knowledge of standard infection control definitions and principles in Malaysian Emergency Medical System (EMS).

This study was a prospective, observational prevalence study and survey, conducted over a 2-month period. We selected participants from visits to three selected hospital Emergency & Trauma Departments, Ampang Hospital in Selangor State. **There were data components to the study: a participant survey and hand rub practices.**

This study recruited a total sample of 50 participants. Overall, the study revealed that a significant number of Assistant Medical Officer (**90.00%**).

This study demonstrates that Assistant Medical Officers are potential vectors of microorganisms if proper infection control is not performed properly. Since Assistant Medical Officers treat a variety of patients and operate in a variety of environments, there may be exposed to potentially pathogenic organisms, serving as vectors for the exposure of their patients to these same organisms. Proper application of accepted standards for infection control can help to reduce the presence of microbes on provider hands and subsequent transmission to patients and the environment.

This study suggests knowledge of fundamental principles and a standard of infection control among Assistant Medical Officers in Pre Hospital Care are poor and recommends the introduction of comprehensive in-service education programmed in infection control in Pre Hospital Care setting. Further research is required to investigate if, and how, these results may be realized in practice.