



Proportion of Third-Year Medical Students of Khon Kaen University Who Have Knowledge about Self Prevention from Blood and Body Fluid Borne Infection

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Background and Objective: A general lack of knowledge in self-prevention procedures from blood and secretions of patients has been observed amongst the Khon Kaen University (KKU) medical students. As a result, the medical students run the risk of becoming infected due to contact with blood and body fluids. Whilst KKU provide sufficient information on this topic for their clinical-year medical students, there is a lack of information amongst the pre-clinical-year medical students. This study aim to examine the proportions of the third-year medical students of KKU who have sufficient knowledge about the self-prevention of blood and body fluid born infections.

Methods: This was a descriptive study at the Faculty of Medicine, KKU. The total population was 250 third-year medical students in the academic year of 2015, KKU. The total study population of 230 students were recruited using a simple sampling method. Tools: A self-administered questionnaire Data analysis: SPSS-PC v.19 was used to analyze proportions, medians, interquartile range (IQR), and 95% CI.

Results: The response rate was 100% (230/230). Three students 1.3%, (95%CI: 0.34,4.08) were observed having sufficient knowledge on proper procedures. 55.7% were observed having knowledge about blood and body fluid born infections. 7% were observed having knowledge about self-prevention from blood and body fluid born infections pre-contact. 27.4% were observed having knowledge about self-prevention from blood and body fluid born infections post-contact. 1.7% were observed having knowledge about self-prevention from blood and body fluid born infections both part.

Conclusion: Three students (1.3%) of the third-year medical students at KKU were observed having sufficient knowledge on self-prevention procedures for patients' blood and secretions.

Keywords: Knowledge, Blood borne pathogen, Infection, third-year medical students, Khon Kaen University

