

Self efficacy beliefs in basic clinical procedural skills among 6th year medical students in the academic year of 2012

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Abstract

Purpose: The objectives of this research were (1) to study the practice of basic clinical procedural skills of 6th year medical students of Faculty of Medicine Siriraj Hospital in the academic year of 2012 according to their self efficacy beliefs, and (2) the correlation of 6th year medical students' self efficacy beliefs and the places they practiced their procedural skills, their elective subjects, their medical services interested, their GPA of preclinical and clinical studies at Faculty of Medicine Siriraj Hospital, the attempts of taking the comprehensive Objective Structured Clinical Examination (OSCE) at the Faculty of Medicine Siriraj Hospital, and the attempts of taking the 3rd step (OSCE) of the national license examination.

Methods: The questionnaires were sent to all of 6th year medical students at the Faculty of Medicine Siriraj Hospital in the academic year of 2012 were collected and analyzed by using statistics: average analysis, standard deviation and correlation coefficient.

Results: The results were

1. The mean of self efficacy beliefs evaluated by medical students was 3.38, and the standard deviation was 0.46. Regarding to each clinical procedures, the cervical biopsy and punch biopsy of cervix had the lowest mean of 2.01 ± 1.08 , and Papanicolaou smear and transfusion of packed red cells had the highest mean of 3.92 ± 0.43 .

2. There was no correlation between students' self efficacy beliefs with all variables.

Conclusion: The overall self efficacy beliefs in basic clinical procedural skills among 6th year medical students in the academic year 2012 were medium to high.

Keywords: basic clinical procedural skills