Medication Safety Student Ambassador Program - a multidisciplinary interactive program to enhance students' attitudes in medication safety
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Introduction
Medical, Pharmacy and Nursing students have little chance to meet each other during their undergraduate training. However, medication safety involves a good team work among these three disciplines. In order to have an early promotion of safety culture and nurture our future leaders, we organized Medication Safety Student Ambassador Program which is a multidisciplinary interactive training program for students of the three disciplines.

Objectives
- To promote students’ awareness and attitudes in patient safety behaviors; - To offer student an insight into the typical risks in use of medication in their - disciplines; - To encourage team work among medical, nursing, and pharmacy students as a practical way to improve medication safety; - To promote reporting culture

Methodology
The program contains 5 sessions including seminars, group discussion, simulation-based training, and guided site-visits in clinical areas and in pharmacy. Students are required to submit a poster promoting medication safety, and a multidisciplinary group presentation at the end of the program. A pre and post program self-administered survey using The Attitudes to Patient Safety Questionnaire (APSQ) was performed to evaluate the students’ attitudes on patient safety. A standard evaluation questionnaire at the end of simulation and visit sessions was also
used. The average scores (maximum 4) are presented to indicate the direction of the responses.

**Result**
39 students were enrolled (16 year-4 medical students, 10 year-4 nursing student, 13 year-2/3 pharmacy students). The return rate of pre-program and post-program survey was 87% (34) and 54% (21) respectively. Proportion of students who recognized the contribution of multidisciplinary teamwork to error reduction increased from 63.4% to 97.7% after the program. There was also more students responded positively on error reporting confidence (from 47% to 65%) and for disclosure or reporting responsibility (from 61.7% to 79.4%). The students also found the simulation-based training (3.84/4) and site-visit sessions very useful (3.74/4). This multi-disciplinary Medication Safety Student Ambassador Program generates significant impact in student’s patient safety perceptions, especially improving safety attitudes on teamwork, and reporting.