

20TH WORLD NURSING EDUCATION CONFERENCE

May 22- 24, 2017 Osaka, Japan

Explicating pharmacology course attributes among select nursing students: A conjoint analysis

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Background: Knowledge about medication administration is important to provide safe and effective medication administration. Therefore, knowing students' preferences is a vital point to improve the quality of teaching and learning. Student's preferences that match teaching program are essential to attain a positive result in academic performance. However student preferences relative to pharmacology course remains unexplored in the Philippine context.

Objectives: This study aims to explicate pharmacology course attributes preferences of nursing students.

Methods: Cognizant of the aims of the study, a conjoint analysis survey was purposively fielded to 213 junior and senior nursing students enrolled in a university-based college of nursing.

Results: Results of the conjoint analysis identified teaching strategy (48.859%) particularly integrated strategy (1.571) and instructional medium (14.022%) specifically, multimedia (.254) as the most and least valued attribute and level. Consequently, the second and third most valued attribute was formative assessment (19.504%) and summative assessment (17.615%) wherein, traditional combined with alternative forms of assessment was the most preferred in both formative (.316) and summative (.255) assessments.

Conclusion: The preferred attributes collected in this study particularly the integrated strategy under teaching strategy, traditional combined with alternative forms of assessments and multimedia as instructional medium matches the characteristics of 21st century learners.

Implications: Today, more than ever, educators teaching pharmacology are challenged to develop and implement a pharmacology course that caters students' preferences; and ultimately improve learning outcomes.

Biography

Glorianne Celeste is a nursing student from University of Santo Tomas. She will complete her Bachelor's Degree in Nursing this June 2017. She is the former Secretary to the Executive of Commission on Elections, College of Nursing. She is currently a member of Medical Missions Incorporated-Nursing Group and The Philippine Red Cross. This research study is one of the papers she conducted together with her co-researchers from UST.

Meg Andrea Cepe is a nursing student from University of Santo Tomas. She will complete her Bachelor's Degree in Nursing this June 2017. She is currently the auditor of Medical Missions Incorporated-Nursing Group. This research study is the first paper she conducted together with her co-researchers from UST.

Micca Clarin is a nursing student from University of Santo Tomas. She will complete her Bachelor's Degree in Nursing this June 2017. She is currently a scholar of Student and Youth Development Program of the Quezon City Government. This research study is the first paper she conducted together with her co-researchers from UST.

Jelaiza Denice I. Co has completed her highschool in St Paul University Quezon City and currently taking her bachelor of science in Nursing at the royal, pontifical and catholic University of Santo Tomas. She will finish her degree this coming June 2017 and will pursue medicine after a year. She is currently a member of The Philippine Red Cross and had finish the qualifying skills and requirements in Basic Life Support Training by the American Heart Association.

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