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 the papers she conducted together with her co-researchers from UST.

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