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Development of a Web Application to Promote Competency-Based Pediatric Nursing

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Health professional programs in Canada and abroad have begun to implement competency-based curricula to ensure graduates possess the necessary skills required in future practice environments. The College of Nurses of Ontario (CNO) is the provincial regulatory body for registered nurses (RNs) in Ontario, Canada, and the CNO outlines entry-to-practice (ETP) competencies expected of new graduate nurses. The purpose of this education innovation is two-fold. First, we aim to develop a competency-based pediatric nursing Web Application (Web App) with content, learning modules, and learning activities guided by the CNO ETP competency framework. Second, we will evaluate the effectiveness of the Web App using a mixed-methods approach. This will incoroporate data collection from interviews and focus groups from students, faculty, and pediatric nursing staff; furthermore Web App use will be correlated to students' results on the BScN Program exit examination. In this presentation, the process for Web App development and implementation will be discussed, pilot data will be presented, implications for nursing education and education technologies use will be reviewed.

Biography

Ruth Chen is an Associate Professor in the School of Nursing at McMaster University. She is the Chair of Academic Resources and Department Education Coordinator. Her research program focuses on the development and application of education technologies in health professional student education.

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