

SIMBASE - Simulation Based Learning and how it Develops the Efficiency of Healthcare Centers by Using the ICT Method of a European Project

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Abstract

BACKGROUND: In the field of education there is a need for paradigm change. We need to know what opportunities we have for formal and informal education and learning. The Bologna, LLP and Copenhagen directives serve this purpose. There is a need for interdisciplinary knowledge, such as: computer skills, digital literacy, and foreign languages. **METHODS:** Pedagogy researchers created the Simulation Based Learning (SBL) model many years ago. Carol Fowler Durham, Kathryn R. Alden (2010), and her colleagues published their results, how to help students absorb knowledge with SBL methods. Seven countries participated in this research. A retrospective and comparative analytical approach was used. After the literature review and lessons will be offered a model of impact assessment and a guide for policymakers. Used a piloting design for each training period and a first draft impact assessment model. **RESULTS:** The goal of our research was to explore what types of skills are being developed by different learning methods that are useful for the future career. **DISCUSSION:** Simulating patients through role playing between learners and educators is commonly used in medical and nursing education. Physical assessment skills and communication techniques are often taught using student pairs. Trained simulated patients can be used to model medical interactions so learners can practice appropriate response/actions. SBL provides a dual role by allowing students to refine their patient examination techniques with the SBL model while receiving real-time feedback about the patient's condition. **CONCLUSIONS:** By alloying the methodical tools of traditional learning and SBL, the output goals of SBL will be measurable more significantly in the students' clinical practice. In order to move more swiftly towards the proper use of simulation technology and, in general, maximizing the efficiency of training it is essential to establish a close collaboration between different actors and countries.