

## عنوان مقاله:

The Impact of Using E-Portfolio on Nursing Students Learning in Physiology Course

## محل انتشار:

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## خلاصه مقاله:

Background: The Modern Electronic Technologies have had a deep impact on traditional methods of education and brought forth new methods for effective education. Electronic portfolio is one of the newest methods of teaching. Therefore, the purpose of the present research was to study the impact of using e-portfolio on Nursing Students Learning in Physiology Course. Methods: The design of the study was a pre-test/post-test one with an experimental group and a control group. The population of the study included all Nursing students of Nursing Faculty of Malayer city in the academic year 2014-15. The sample of the study was selected using available sampling and included 30 students who were placed in an experimental group ( $n = 15$ ) and a control group ( $n = 15$ ). The instrument used in this study was a learning test of basic Physiology Course developed by the researcher himself; the face validity of the test was judged by experts of subject and the pre-test and post-test method showed that the reliability of the test is, respectively 0.78 & 0.81. In order to collect data, at first, Pre-test learning were taken from experimental and control groups. Then, the control group, educational content related to physiology course was instructed through traditional methods and experimental group, the same content were instructed through e-portfolio method (with Use google chrome) during one academic semester. Finally, Learning post-test were taken from both groups. The obtained data were analyzed through the SPSS software and an independent t-test used to analyze the data. Results: The results of the study demonstrated that Using E-Portfolio method on increase in the amount of learning in nursing students of experimental group ( $t:10.38$ ,  $P:0.001$ ). Conclusions: According to the results and effectiveness in the use of electronic portfolio in the teaching-learning process in the physiology course, recommended the use of this electronic technology .in nursing education and consequently medical education

## کلمات کلیدی:

E-Portfolio, Learning, Medical education

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