Design, implementation, and evaluation of the integration of two performance assessment methods (LOG BOOK - CSR) in the internship evaluation process in the field of community medicine for medical students in Sabzevar

1*Zeinab Jalambadani(Corresponding author)
2Rahil Mahmoudi
3Mahboubeh NeamatShahi

1*Non-Communicable Diseases Research Center, Sabzevar University of Medical Sciences, Sabzevar, Iran(corresponding author).
Tel:05144018301 Fax: 05144018301.E-mail: jalambadaniz@gmail.com. jalambadaniz@medsab.ac.ir.
https://orcid.org/0000-0003-0803-7679

Background and Objectives: One of the responsibilities of educational planners is to follow dynamic programs aimed at continuous improvement and creating optimal learning opportunities for learners. Among the major challenges in clinical education are instructors' tendency to use traditional teaching methods and the difficulty of assessing and monitoring students' activities during clerkships.

Methods: This study aimed to integrate performance-based assessment methods—namely, the logbook and CSR (Chart-Stimulated Recall; direct observation of the skill of performing clinical procedures)—in delivering and evaluating the community medicine clerkship for undergraduate medical students. This was a knowledge-utilization study with measurement through evaluation and post-test only. It was conducted for the first time in Iran beginning in Mehr 1402 (October 2023). The clerkship was developed and evaluated through needs assessment, design, implementation, and evaluation stages using an integrated approach, with the participation of 80 stager medical students at the School of Medicine, Sabzevar University of Medical Sciences. Data from the implementation and evaluation of the clerkship were analyzed using descriptive statistics in SPSS 24.

Results: Participants reported that the integrated method had a moderate-to-high impact on various domains of learning, interaction with different treatment groups, and overall evaluation of education, with rates of 80.9%, 86.5%, and 100%, respectively. The achievement of the overall educational objectives of the course was rated as good or very good in all cases.

Conclusion: The results of implementing the clerkship showed that, from the stakeholders' perspective, the integrated approach was successful in guiding students' activities throughout the course and in promoting their interaction with other groups. In other words, the use of this model can effectively contribute to improving teamwork in education, enhancing the acquisition of clinical skills, and promoting deeper learning.

Keywords: logbook, CSR,Student