

عنوان مقاله:

Evaluation of Multiple Choice Questions Quality Trend as Structure and Taxonomy

محل انتشار:

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خلاصه مقاله:

Background: Evaluation of multiple-choice questions is a strategic activity and the most effective tool in educational system and improvement. In this study, the quality of some indexes of multiple-choice exams in Babol Para Medical faculty was investigated on the basis of structure and knowledge level distribution in the first semesters of 2007 and 2012. Methods: The Milman checklist was used for evaluating the structure quality of these questions. And these questions were also evaluated in terms of knowledge level in 3 taxonomies: 1. Reminding, 2. Perception and 3. Applying. Data analysis was performed by SPSS 16. Results: More than 70% of these multiple-choice pre-tests contained structural flaws, while the errors decreased from 70% to 30% in post-test and this difference was statistically significant ($p=0.05$). 83.9% and 79.5 % of these questions were located at taxonomy 1 in pre and post-tests, respectively. Conclusion: The result showed that the structural quality of these questions had desirable improvement, but there was no significant difference in taxonomy shifts- from 1 to 2, and 3- in terms of knowledge level distribution. Therefore, it is necessary to hold workshops in order to improve the quality of multiple-choice questions in terms of knowledge level distribution at University.

کلمات کلیدی:

Multiple-choice Questions, Structure, Knowledge Level Distribution, Para Medical Faculty

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