

ABSTRACT FINAL REPORT

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General Information

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Abstract Information

Abstract Title : Critical appraisal of interventional medical education papers published in approved Iranian journals
Abstract : Introduction: Critical appraisal of the methodological issues in research reports increases the trust of readers to the research finding, as well as using them in the practice settings. This study aims to examine the accuracy of methodological issues in medical education interventional papers published in approved national journals in Iran. Methods: A cross-sectional study with a broad literature review in medical education papers, published in approved Iranian national journals was used. 30 Article selected randomly and were examine for methodological criteria using a researcher made checklist. Reliability of the checklist confirmed through internal consistency and its validity was confirmed by content validity method. Descriptive statistics and SPSS software was used for data analysis. Results: More than 90% of the papers were used an appropriate design for the study. Inclusion and exclusion criteria of subjects were found only in 26.8% of cases. According to the reports, 70% of the

studies were used the blindness approach during the study process. The reliability and validity of the instrument was not found in 66.7% of cases. Follow up duration was not determined in 70%, and the method of informed consent was not reported in 80% of the subjects. Conclusion: There were some problems regarding methodological issues in the medical education interventional papers. It is recommended that medical education journals had more emphasis on this issue during peer reviewing process. Keywords: critical appraisal, medical education, methodology, Iranian approved journal