

연구방법론				번호: 1 - B - 8	
제 목	국문	예방의학회지 게재 원저논문의 영문초록 질 개선의 평가			
	영문	Assessment on Quality Improvement of the Abstracts of the Original Research Articles in the Korean Journal of Preventive Medicine			
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<p>Objectives: The purpose of this study was to compare the quality improvement of the abstracts of original articles according to the revision of the manuscript format of The Korean Journal of Preventive Medicine (<i>Kor J Pre Med</i>) in 1999.</p> <p>Methods: This subjects selected total 63 abstracts (1997) and 49 abstracts (2001) of the original articles of <i>Kor J Pre Med</i>. This study carried out by the separate-sample pretest-posttest design. The quality of abstracts was measured against a checklist of evaluation criteria and the informations related articles were surveyed by e-mail, fax or telephone with self-developed questionnaire. A total of 62 abstracts of 1997 and 49 abstracts of 2001 was finally analyzed out of consideration for response rate.</p> <p>Results: The mean words of abstracts decreased from 285 (1997) to 250 (2001). The mean key words decreased from overall 3.9 in 1997 to 3.6 in 2001. The mean number of inappropriate usage of key words per abstract by MeSH standard decreased from 1.9 (1997) to 0.39 (2001). Also, the overall mean score of abstract quality increased from 0.54 (1997) to 0.61 (2001). The range of score of abstract quality was better in 1999 (0.20~0.81) than in 1997 (0.40~0.77). In the multiple regression analyses, the intervention of the manuscript format revision and the number of English words to the quality score of abstract was only statistically significant.</p> <p>Conclusions: In conclusion, the quality of abstracts in <i>Kor J Pre Med</i> have improved since the revision of the manuscript format was adopted in 1999. The Korean Society for Preventive Medicine will continuously recommend a proposal for more informative abstracts in <i>Kor J Pre Med</i> and will evaluate the abstracts' content with quality criteria. Future studies should address these issues and compare the quality of abstracts between different international and domestic journals.</p>					