

國立臺北護理健康大學 103 學年度博士班招生

護理系 博士班

研究法 試題

注意	1.本試題共 <u>3</u> 頁，包含 <u>8</u> 題研究問題。 2.請用中文或英文作答。 3.請於答案卷上標明題號，並依序作答。
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申論題

Please read the abstract of research paper and answer the following questions.

Aim. This study examined the effectiveness of multimedia learning education programmes (MLEPs) on knowledge, anxiety and pressure garment compliance behaviour of burn patients.

Background. MLEPs are increasingly suggested as education methods that can be used by health professionals in daily practice. A systematic review of the effectiveness of computer-based education demonstrates its acceptability to patients. However, few studies have empirically tested this approach.

Design. Experimental study.

Methods. An experimental study was conducted at a burn centre of a medical centre in Taipei, Taiwan. Participants were randomly assigned to either experimental (n = 28) or control groups (n = 30). Both groups were

given pre-tests and post-tests to measure their knowledge, anxiety and pressure garment compliance behaviour.

Results. At two weeks, the results of this study showed that the MLEP had ‘statistically’ significantly improved patients’ burn knowledge, reduced individual anxiety and enhanced pressure garment compliance behaviour.

Conclusion. This controlled study demonstrated that a two week MLEP can be a useful intervention to improve care compliance and reduce anxiety in patients undergoing burns rehabilitation period.

Relevance to clinical practice. Burn injury patients undergoing rehabilitation are likely to benefit from multimedia learning education intervention programmes. More comprehensive health economic evaluation needs to be undertaken. Further studies exploring a longer term follow-up are also required.

1. Please address the PICO for the present research. (10 %)
2. Please construct the concept framework for the present study. (10%)
3. Please address the research questions and research hypothesis for the present research. (10%)
4. According to this abstract, please give the key words you might use when you are in the process of literature review in the same topic. (10 %)
5. Please written down the issues for critique the literature review for the present study. (20%)
6. What strategies of data analysis may be used in this research? (5%)
What is the rationale for each of the analysis? (5%)

7. What are the ethical considerations that might emerge in the present research? and what are the ethical issues you will concern for the present study? (10 %)
8. What will you take the considerations to control both of the internal and external validity for the present study? (20 %)