

**“A STUDY TO DETERMINE THE EFFECTIVENESS OF CONCEPT MAPPING TO  
IMPROVE NURSING STUDENT’S PERFORMANCE IN CLINICAL AREA”**

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BY

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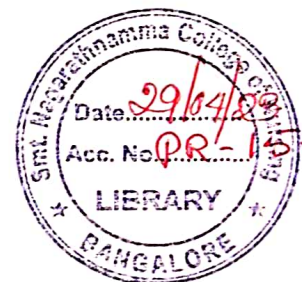
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## ABSTRACT

**Background:** Concept mapping as a powerful instructional tool used in numerous health care professional programs as medical, nursing, and pharmaceutical education to foster critical thinking and clinical reasoning that improve competency of students in interprets situation and enable them to provide optimal comprehensive care.

**AIM:** This study was conducted to evaluate the effect of concept mapping training on the performance of the undergraduate nursing students.

**DESIGN:** A quasi-experimental design with pre-post assessment was used to achieve the aim of the current study. **Sample and Setting:** Random sample of 70 undergraduate nursing students divided into four groups.

**SAMPLING TECHNIQUE:** students were consecutively recruited in the study sample according to the eligibility criteria. **Tools:** The researchers prepared an interview form including five sections: I- Questionnaire to assess socio-demographic characteristics of studied undergraduate nursing students. II- Questionnaire to asses students' knowledge about concept mapping. III- Questionnaire to asses concept map of studied nursing students regarding case study rubric. IV- Questionnaire to assess studied undergraduate nursing students regarding problem solving skills. V- Questionnaire to asses Attitude "Likert scale". The main results of the present study: the study results revealed that there were statistical significant correlation among total knowledge and case study, problem solving, students' attitude.

**CONCLUSION** it can be concluded that there were statistical significant improvements among undergraduate nursing students' knowledge about concept mapping after application in the clinical settings. In addition, there were significant improvement in the students' simulation case study rubric, problem solving skills and students' attitude after application of concept map in the clinical settings

**KEY WORDS :** Concept map, undergraduate nursing students, performance in Clinical area

## TABLE OF CONTENT

CHAPTER NO	CHAPTER TITLE	PAGE NO
1	INTRODUCTION	1-4
2	NEED FOR THE STUDY	5
3	OBJECTIVES	6
4	REVIEW OF LITERATURE	7-32
5	METHODOLOGY	33-37
6	RESULT	38-42
7	DISCUSSION	43-45
8	CONCLUSION	46
9	SUMMARY	47
10	REFERENCES	48-50

## LIST OF TABLES

TABLE NO	TABLE NAME	PAGE NO
1	Percentage distribution of demograohic data for student participant n=70	38
2	Comparison between students knowledge regarding concept map pre and post n=70	39
3	Assessing concept map by case study rubric in clinical area	40
4	Rubric for evaluation of problem solving and nursing process	41
5	Relation between total knowledge and case study ,problem solving ,students attitude	42