"A STUDY TO ASSESS THE KNOWLEDGE REGARDING BENEFITS OF TELEHEALTH IN NURSING PRACTICE AMONG 3RD SEMESTER B.SC. NURSING STUDENTS AT SMT. NAGARATHNAMMA COLLEGE OF NURSING."

BY

Ms. U Pallavi
Ms. Tiyasa Chatterjee
Mr. Wasim Ali Khan
Mr. Yaseen T
Mr. Umar Mukthar

4th Year B.Sc. Nursing (2021-2025)

Research project submitted to

Smt. Nagarathnamma College of Nursing, Bengaluru



Under the Guidance of Mrs. Perumalla Keerthi Sudha Associate Professor

Department of Medical Surgical Nursing

Smt. Nagarathnamma College of Nursing Acharya Institute,
Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Bengaluru-560107
2021-2025

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES SMT. NAGARATHNAMMA COLLEGE OF NURSING



CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT WORK HAS BEEN SUCCESS FULLY CARRIED OUT BY

Ms. U Pallavi

Ms. Tiyasa Chatterjee

Mr. Wasim Ali Khan

Mr. Yaseen T

Mr. Umar Mukthar

4th YEAR B.Sc. NURSING

SUBMITTED AS A PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN NURSING FROM RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES BENGALURU

Dr. Devi Nanjappan Mrs. Perumalla Keerthi Sudha

Principal Associate Professor

Smt. Nagarathnamma College of Nursing Department of Medical Surgical

Nursing

DECLARATION BY CANDIDATES

We hereby declare that this project entitled "A Study To Assess The Knowledge Regarding Benefits Of Telehealth In Nursing Practice Among 3rd Semester B.Sc. Nursing Students At Smt. Nagarathnamma College Of Nursing." is a Bonafide group research done by Ms. U Pallavi, Ms. Tiyasa Chatterjee, Mr. Wasim Ali Khan, Mr. Yaseen T, Mr. Umar Mukthar of 4th year B.Sc. Nursing as a partial fulfilment of the requirement for the degree of Bachelor of Science in Nursing under the guidance of Mrs. Perumalla Kerthi Sudha, Associate professor of Medical Surgical Nursing, Smt. Nagarathnamma College of Nursing, Bengaluru.

DATE: SIGNATURE OF THE CANDIDATES

PLACE: 1. Ms. U Pallavi – 21C2682

2. Ms. Tiyasa Chatterjee – 21C2681

3. Mr. Wasim Ali Khan- 21C2688

4. Mr. Yaseen T- 21C2689

5. Mr. Umar Mukthar- 21C2683

CERTIFICATE BY GUIDE

This is to certify that the project entitled "A Study To Assess The Knowledge Regarding Benefits Of Telehealth In Nursing Practice Among 3rd Semester B.Sc. Nursing Students At Smt. Nagarathnamma College Of Nursing." is a Bonafide group research done by Ms. U Pallavi, Ms. Tiyasa Chatterjee, Mr. Wasim Ali Khan, Mr. Yaseen T, Mr. Umar Mukthar of 4th year B.Sc. Nursing as a partial fulfilment of the requirement for the degree of Bachelor of Science in Nursing under the guidance of Mrs. Perumalla Keerthi Sudha, Associate professor, Department of Medical Surgical Nursing, Smt. Nagarathnamma College of Nursing, Bengaluru.

DATE: SIGNATURE OF THE GUIDE

PLACE: Mrs. Perumalla Keerthi Sudha

Associate Professor

Department of Medical Surgical Nursing

ENDORSEMENT BY THE PRINCIPAL / HEAD OF THE COLLEGE

This is to certify that the project work entitled "A Study To Assess The Knowledge Regarding Benefits Of Telehealth In Nursing Practice Among 3rd Semester B.Sc. Nursing Students At Smt. Nagarathnamma College Of Nursing." is a Bonafide group research done by Ms. U Pallavi, Ms. Tiyasa Chatterjee, Mr. Wasim Ali Khan, Mr. Yaseen T, Mr. Umar Mukthar of 4th year B.Sc. Nursing, as a partial fulfilment of the requirement under the guidance of Mrs. Devi Nanjappan, Principal, Smt. Nagarathnamma College of Nursing, Bengaluru.

DATE: SIGNATURE OF THE PRINCIPAL

PLACE: DR. DEVI NANJAPPAN

PRINCIPAL

SMT. NAGARATHNAMMA COLLEGE

OF NURSING

ACKNOWLEDGEMENT

"Glory to the GOD Almighty"

We extend our heartfelt gratitude to the Almighty God for His abundant grace, guidance and blessings throughout the course of this study; His divine presence gave us the strength and perseverance to successfully complete this project.

We are deeply honoured to express our sincere thanks to Professor Devi Nanjappan, Principal of Smt. Nagarathnamma College of Nursing, Bengaluru 107, for her unwavering support and encouragement, which were instrumental in the completion of our research study.

Our deepest appreciation goes to our guide, Mrs. Perumalla Keerthi Sudha, Associate Professor in the Department of Medical-Surgical Nursing at Smt. Nagarathnamma College of Nursing. Her constant support, invaluable guidance, and insightful suggestions greatly enriched our research work.

We also extend our special thanks to the teaching faculty of Smt. Nagarathnamma College of Nursing for their cooperation, constructive feedback, and constant support, which significantly enhanced our knowledge and helped us in conducting this study. Our sincere thanks go to the supporting staff and the librarian for their kind assistance throughout our research project.

We would like to extend our sincere gratitude to all the experts in the field who generously shared their time, guidance, and expertise throughout the course of this research. Your insights were invaluable to the successful completion of this study.

We are also deeply appreciative of the 4th year nursing students who participated in our study. Despite their demanding schedules, they took the time to thoughtfully complete our questionnaire. This version maintains the sentiment of appreciation while being more concise and formal.

We would like to thank our respective parents for all the support, strength and love they shower upon us on a daily basis and give us the courage to keep moving, without whom we would not be here in the first.

ABSTRACT

Title "A study to assess the knowledge regarding benefits of telehealth in nursing practice among 3rd semester B.sc nursing students at Smt. Nagarathnamma College of Nursing, Bengaluru." the purpose of this study is to evaluate the efficacy of a structured education program intended to inform people about the benefits of telehealth. the study aims to improve participants knowledge about the benefits of telehealth by offering focused educational interventions.

KEYWORDS:

Effectiveness; nursing students; knowledge; structured teaching programme; benefits of telehealth.

AIMS AND OBJECTIVES:

- 1. To assess the level of knowledge regarding benefits of telehealth in nursing practice among 3^{rd} semester nursing students.
- 2. To associate the knowledge of nursing students regarding telehealth with selected demographic variables.
- 3. To develop knowledge about benefits of telehealth adoption.

METHOD:

In this descriptive study, 60 3rd semester nursing students were given close-ended demographic questionnaires to evaluate their current circumstances. Additionally, using a purposive sampling technique, a self-administered knowledge questionnaire was used to gather information on benefits of telehealth among the 60 3rd semester students.

Each student received a set of instruments directly, which was used to collect the data. A quasiexperimental design was adopted. Descriptive statistics was then applied to analyze the data and explain the findings.

TABLE OF CONTENT

Chapter No	Chapter Title	Page No
1.	INTRODUCTION	1-10
2.	OBJECTIVES	11-16
3.	REVIEW OF LITERATURE	17-22
4.	METHODOLOGY	23-31
5.	RESULTS	32-44
6.	DISCUSSION	45-48
7.	CONCLUSION	49-52
8.	SUMMARY	53-55
9.	REFERANCES	56-59
10.	ANNEXURES	60-71

SL. NO	TITLE OF THE TABLE	PAGE NO
1	Classification of respondents according to gender.	35
2	Classification of respondents according to Nationality.	36
3	Classification of respondents according to previous knowledge about benefits of telehealth in nursing practice.	37
4	Classification of respondents according to source of information.	38
5	Frequency and percentage distribution of subjects of Level of pretest knowledge regarding benefits of telehealth in nursing practice among 3rd semester nursing students.	39
6	Frequency and percentage distribution of subjects of level of post- test knowledge regarding benefits of telehealth in nursing practice among 3rd semester nursing students.	40
7	Comparison of Pre-test and Post-test Knowledge Scores.	41
8	Association between level of pre-test knowledge with Selected Socio -demographic variables (Chi-square test).	42
9	Association between level of post-test knowledge with Selected Socio -demographic variables (Chi-square test).	43
10	Comparison of pre-test and post-test knowledge regarding benefits of telehealth.	44

Halis Halis

4

SL. NO.	TITLE OF FIGURES	PAGE NO
1	Schematic representation of research methodology	25
2	Schematic representation of research design	28
3	Classification of respondents according to gender.	35
4	Classification of respondents according to Nationality.	36
5	Classification of respondents according to previous knowledge about benefits of telehealth in nursing practice.	37
6	Classification of respondents according to source of information.	38
7	Classification of respondents by Pre-test knowledge level regarding benefits of telehealth.	39
8	Classification of respondents by Pre-test knowledge level regarding benefits of telehealth.	40
9	The graph above shows the comparison between pre-test and post-test mean knowledge score of respondents on benefits of telehealth.	41
10	Overall pre-test and post-test mean knowledge score of respondents on benefits of telehealth.	44