

“A study to assess the knowledge about basic life support among 1 st year GNM students (2022) at Smt Nagarathnamma school of nursing in Bengaluru “

BY,

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Research project work submitted to
Smt Nagarathnamma College of nursing, Bengaluru



Under the guidance of,

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DECLARATION BY THE CANDIDATES

We hereby declare that this project work entitle “A STUDY TO ASESS THE KNOWLEDGE ABOUT BASIC LIFE SUPPORT AMONG 1ST YEAR GNM STUDENTS (2022) AT SMT NAGARATHNAMMA SCHOOL OF NURSING IN BENGALURU” is a bona fide research done by Lumi Halder, Manashi Modak, Md Kaif, Md Asif Reza as a partial fulfillment of requirement for the degree of bachelor science in nursing under the guidance of Mrs Ramya B, Assistant Professor of Smt Nagarathnamma College of nursing, Bengaluru.

Date:

Signature of the candidates

Place: Bengaluru

Ms Lumi Halder- 19C2862

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CERTIFICATE BY THE GUIDE

This is to certify this project work entitle “A STUDY TO ASESS THEKNOWLEDGE ABOUT BASIC LIFE SUPPORT AMONG 1ST YEAR GNM STUDENTS (2022) AT SMT NAGARATHNAMMA SCHOOL OF NURSING IN BENGALURU” is a bona fide research done by Lumi Halder, Manashi Modak, Md Kaif, Md Asif Reza as a partial fulfillment of requirement forthe degree of bachelor science in nursing under the guidance of Mrs Ramya B, Assistant Professor of Smt Nagarathnamma College of nursing,Bengaluru.

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Place: Bengaluru

Mrs Ramya B

Assistant professor

Department of pediatric nursing

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RAJIV GHANDI UNIVERSITY OF HEALTH SCIENCE BENGALURU
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CERTIFICATE

**THIS IS CERTIFY THAT THE PROJECT WORK ENTITLED HAS BEEN
SUCCESSFULLY CARRIED OUT BY,**

IVTH YEAR B.SC NURSING STUDENTS

[Ms Lumi Halder ,Ms Manashi Modak, Mr MD Kaif , Mr MD Asif Reza]

**SUBMITTED AS A PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE
BACHELOR OF SCIENCE IN NURSING FROM RAJIV GHANDI UNIVERSITY OF
HEALTH SCIENCES, BENGALURU.**

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ENDORSEMENT BY THE PRINCIPAL/HEAD OF THE COLLEGE

This is to certify this project work entitled "A STUDY TO ASSESS THE KNOWLEDGE ABOUT BASIC LIFE SUPPORT AMONG 1ST YEAR GNM STUDENTS (2022-2023) AT SMT NAGARATHNAMMA SCHOOL OF NURSING IN BENGALURU" is a bona fide research done by Lumi Halder, Manashi Modak, Md Kaif, Md Asif Reza as a partial fulfillment of requirement for the degree of Bachelor of Science in Nursing under the guidance of Mrs Ramya B, Assistant Professor of Smt Nagarathnamma College of Nursing, Bengaluru.

Signature of the Principal Prof.

Devi Nanjappa Principal

Smt. Nagarathnamma College

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LIST OF ABBREVIATIONS USED

1. AEDS: automatic external defibrillators
2. BLS: Basic life support
3. CPR Cardio Pulmonary Resuscitation
4. CHN: Community Health Nursing
5. df: Degree of freedom
6. DV: Dependent variable
7. IV: Independent variable
8. SD: Standard Deviation
9. >: Greater than
- 10.<:Less than

abstract

ABSTRACT

Statement of the problem

"A study to assess the knowledge about Basic life support among 1st year GNM students (2022-2023) at Smt Nagarathamma school of Nursing in Bengaluru."

Background of the study

Cardiac Arrest is a major emergency situation faced by the people and it requires emergency intervention in terms of resuscitation by using basic life support. As people grow they must learn not only to cope with current demands but also to prepare for many unexpected events to face tomorrow's needs.

Objective of the study

1. To assess the level of knowledge regarding Basic life support among primary school teachers.
2. To determine the effectiveness of structured teaching plan on basic life support among primary school teachers.
3. To find out the Association Between level of knowledge among the teacher with selected socio demographic variables.

Formulating hypothesis

H1: There will be a significant improvement in the knowledge of the preuniversity students after structured teaching program.

H2: There will be a significant association between the knowledge and selected demographic variables among the students.

Methods

The research design used was quasi experimental i.e one group pre test and post test design. The sample size was 50 1st year GNM nursing students at Smt Nagarathamma school of nursing in Bengaluru. The tool developed and selected for the data collection were structured teaching method. The data were collected, analyzed and interpreted.

Major finding of the study

Finding revealed the highest 70% of the students were in age Group of 19-20 years, 56% of the total students were female students, 40% were belongs to Hindu religion, 84% were not having hereditary cardiac disease.

For pre test 24% of respondents have inadequate knowledge level, 46% of respondents have moderate knowledge level and 30% of respondents have adequate knowledge level regarding basic life support.

For post test 2% of respondents have inadequate knowledge level, 28% of respondents have moderate knowledge level and 70% respondents have adequate knowledge level regarding basic life support.

The obtained t- value in the area of general information is 5.30 (P= 0.001); regarding the knowledge level on basic life support is 8.22 (P=0.001) and overall value of t is 6.21 (P= 0.001) was highly significant. Therefore null hypothesis was rejected. The study finding reveal that there was highly significant enhancement in knowledge level after structured teaching programme among basic life support students.

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