



A Study to Explore the Inappropriate Glove Use in Long Term Care Among Staff Nurses at Smvmch, Puducherry.

Mrs. P. Soniya¹, Dr. S. Rajalakshmi²

¹Assistant Professor, Department of Obstetrics and gynaecology. PhD Scholar, Bharath Institute of Higher Education and Research, Chennai, Tamilnadu

²Principal, Department of Obstetrics and gynaecology, Sri Lakshmi Narayana College of Nursing, Puducherry, Tamilnadu

ABSTRACT

A Study to explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry. The non experimental descriptive design were used for 50 samples Majority of explore the inappropriate glove use in long term care among staff nurses had appropriate in 37 (76%), and inappropriate in 13 (24%). The mean value assessment of explore the inappropriate glove use in long term care among staff nurses is 1.740 and standard deviation is .4430. After associate the level of explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry with their demographic variables. It was statistically found that the marital status has significant association at the level of $p < 0.05$. It was statistically found that the ward has significant association at the level of $p < 0.001$. Hence the study concluded that After the level of explore the inappropriate glove use in long term care among staff nurse, there was an high level of appropriate glove use in long term care was detected among staff nurse. Hence the competency can be made as a protocol for the staff nurse. The staff nurse use the gloving technique, changed ,disposed in a proper manner so it may enhance their performance while taking care of long term patients and it helps to reduce the risk of infection as well as nosocomial infection.

KEYWORDS: Inappropriate, Glove, Long Term Care.

INTRODUCTION

Medical gloves are disposable [gloves](#) used during medical examinations and procedures to help prevent cross-contamination between caregivers and patients. Medical gloves are made of different polymers including [latex](#), [nitrile rubber](#), [polyvinyl chloride](#) and [neoprene](#); they come un powdered, or powdered with [cornstarch](#) to lubricate the gloves, making them easier to put on the hands. Cornstarch replaced tissue-irritating [Lycopodium powder](#) and talc, but even cornstarch can impede healing if it gets into tissues (as during surgery). As such, un powdered gloves are used more often during surgery and other sensitive procedures. Special manufacturing processes are used to compensate for the lack of powder. There are two main types of medical gloves: examination and surgical. Surgical gloves have more precise sizing with a better precision and sensitivity and are made to a higher standard. Examination gloves are available as either sterile or non-sterile, while surgical gloves are generally sterile. Personal protective equipment uses are must in health care settings in that hand washing and gloves are very important while handling patients in order to prevention infection. Sterile gloves act as a protective barrier between nurses and their patients. Complications that can arise from not putting on sterile gloves correctly are the spread of infection and diseases. The gloves can break during a procedure and the nurse and the patient can be in immediate danger from exposure to hazardous materials and bodily fluids. Nurses must be conscious of their actions when putting on sterile gloves to ensure their own safety and the safety of their patients.

NEED FOR THE STUDY

High inappropriate glove use in New Zealand, Inappropriate use of non-sterile gloves continues to be a “barrier to excellent hand hygiene practice”, says the latest hand hygiene new **Zealand** report. The national campaign regularly audits the hand hygiene practices by staff at the country’s 20 district health boards, including when gloves are put on, taken off and during patient care. In its latest audit it found when gloves were put on that 22.6 per cent of hand hygiene opportunities were missed, compared with just under 10 per cent when gloves are taken off. It also found that once healthcare workers donned gloves they failed to complete hand hygiene at the appropriate five moments nearly 21 per cent of the time. This is an improvement on the statistics 12 months before when hand cleaning moments were missed 33.3 per cent of the time when gloves were put on. But hand hygiene new Zealand remains concerned and says glove use continues to be an ongoing issue. “a sustained focus on how to maintain good hand hygiene when using non-sterile gloves is needed to improve this aspect of patient care,” it says in its quarterly report to 30 **June** 2015. The world health organization’s ‘five moments for hand hygiene’ requires hand hygiene to be performed at each required ‘moment’ irrespective of whether or not gloves are used. A hand hygiene survey in 2014 of 344 **healthcare workers from 17** showed that 93 per cent of respondents did not think that glove use was a substitute for good hand hygiene. But when asked in what instances did they need to clean their hands when wearing gloves, only 40 per cent ticked all three correct options.

STATEMENT OF THE PROBLEM:

A Study to explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry.

OBJECTIVES:

- ❖ To explore level of inappropriate glove use in long term care among staff nurses.
- ❖ To associate level of explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry with their demographic variables.

HYPOTHESIS:

HI: There will be a significant differences in the inappropriate glove use long term care in staff nurse their selected demographic variables at ***-p<0.05 are significant, **p<0.001 are highly significant**

METHODOLOGY:

Research Approach: The research approach used for this study was quantitative approach

Research Design: The research design selected for this study was non experimental descriptive design.

Population: The Population selected for the study were the staff nurses.

Sample: The samples of the present study were 50 staff nurses who are working at SMVMCH who fulfill the inclusion criteria

Sampling Technique: Sampling technique adopted for the study was purposive sampling technique.

CRITERIA FOR SAMPLE SELECTION**Inclusion Criteria:**

- ❖ Staff nurses who are working at SMVMCH.
- ❖ Staff nurses who are willing to participate.
- ❖ Staff nurses who are working at Iccu, Sicu, labour room, operation theatre ,post operative wards.
- ❖ Staff nurses who have been education qualification of Bsc nursing and general nursing midwifery.
- ❖ Staff nurses who are willing to participate in the study .
- ❖ Both female and male staff nurses.

Exclusion Criteria:

- ❖ Staff nurses more than 45 years.
- ❖ Staff nurses who have been education qualification of nursing assistant ,auxiliary nursing midwifery.
- ❖ Staff nurses who are not working in sterile area.
- ❖ Staff nurse who are not available at the time of data collection.

DESCRIPTION OF THE INSTRUMENT

The instrument consists of two parts.

PART A: Demographic variables consist of age ,sex ,religion, marital status, education, years of experience, ward, monthly income.

PART B: Check list to identify the inappropriate glove use in long term care among staff nurse.

SCORING AND INTERPRETATION:

check list to identify the inappropriate glove use in long term care among staff nurses. Each correct response carries 1 mark and the incorrect response carries 0 mark.

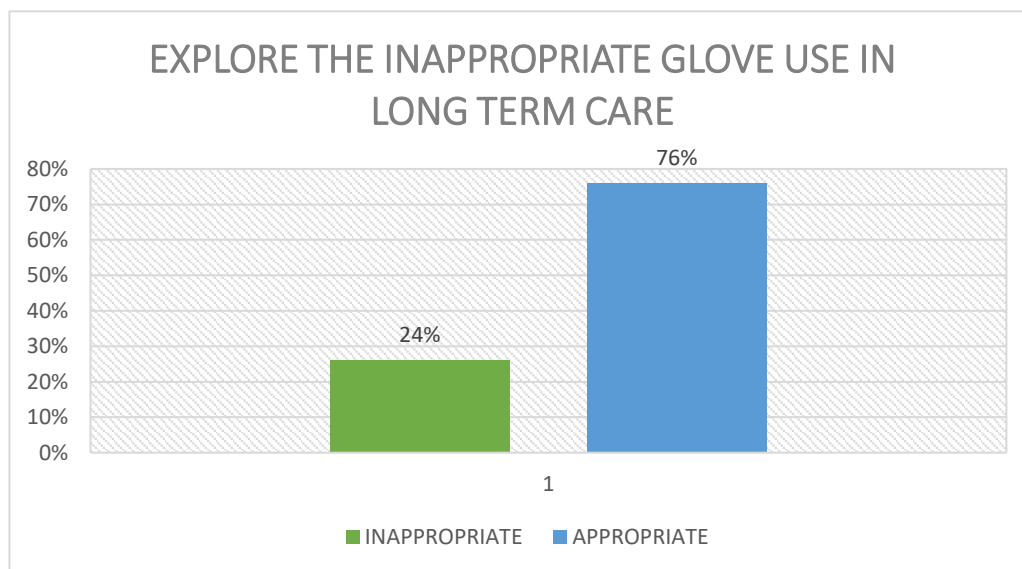
S.NO	SCORING	INTERPRETATION
1.	0-12	Inappropriate
2.	13-24	Appropriate

RELIABILITY OF THE TOOL:

The investigator checked the reliability of the tool was elicited by Inter-rater reliability. The tool was moderately reliable.

MAJOR FINDINGS OF THE STUDY:

- ❖ The level of explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry. Majority of explore the inappropriate glove use in long term care among staff nurses had appropriate in 37 (76%), and inappropriate in 13 (24%). The mean value assessment of explore the inappropriate glove use in long term care among staff nurses is 1.740 and standard deviation is .4430.
- ❖ After associate the level of explore the inappropriate glove use in long term care among staff nurses at SMVMCH, Puducherry with their demographic variables. It was statistically found that the marital status has significant association at the level of $p < 0.05$. It was statistically found that the ward has significant association at the level of $p < 0.001$.



CONCLUSION :

After the level of explore the inappropriate glove use in long term care among staff nurse, there was an high level of appropriate glove use in long term care was detected among staff nurse. Hence the competency can be made as a protocol for the staff nurse. The staff nurse use the gloving technique, changed ,disposed in a proper manner so it may enhance their performance while taking care of long term patients and it helps to reduce the risk of infection as well as nosocomial infection.

BIBLIOGRAPHY

Book Reference:

- leadership and nursing care management, 6th edition.ist volume ,elsevier publications.
- ShebeerP.Basheer, Syaseen Khan, 2012 concise Text book of Advanced Nursing practice 1st edition published by EMMESS Medical publisher.
- Mary lucita 2007 nursing practice and public health administration 2nd edition published by elsevior.
- M/s Banarsidas Bhanot Publisher, Jabalpur.
- S. kamalam 2005 essential in community health nursing practice 1st edition jaypeebrothers medical publication.
- Br J Nurs. 2014 Jun 26-Jul 9;23(12):685-90. Workforce development and effective evaluation of projects.

JOURNAL REFERENCE

- Journal of Nursing Management
- International Journal of Medical Research and Health Sciences
- British Journal of Nursing Management
- Journal of Science and Technology

NET REFERENCE:

- www.ijimr.com
- www.managenentchannel.pk
- www.euacademic.org
- www.ijapc.com
- www.pubmed.com