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HOSPITAL INFECTION CONTROL PRACTICES

BY

RUCHIKA GULATI

(PG/22/096)

Under the guidance of

DR. PANKAJ TALREJA

PGDM (Hospital & Health Management)

2022-2024

International Institute Of Health Management Research

New Delhi

(Completion of Dissertation)

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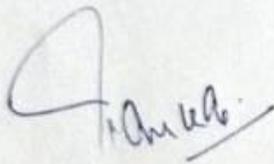
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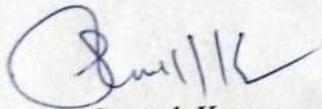
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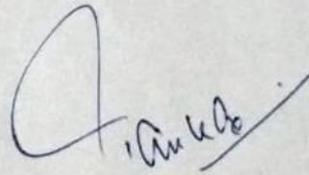
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The Internship is in fulfillment of the course requirements.

I wish him all success in all his/her future endeavors.



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Associate Dean, Academic and Student Affairs
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The following dissertation titled "**Hospital infection control practices**" at "**IHMR Delhi**" is hereby approved as a certified study in management carried out and presented in a manner satisfactorily to warrant its acceptance as a prerequisite for the award of **PGDM (Hospital & Health Management)** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve the dissertation only for the purpose it is submitted.

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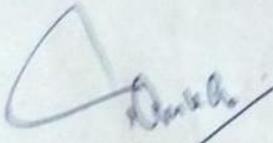
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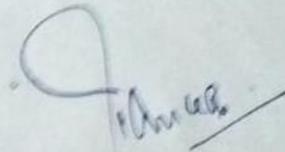
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Annexure E

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CERTIFICATE BY SCHOLAR

This is to certify that the dissertation titled **HOSPITAL INFECTION CONTROL PRACTICES** and submitted by **RUCHIKA GULATI** Enrollment No. **PG/22/096** under the supervision of **DR. PANKAJ TALREJA** for award of PGDM (Hospital & Health Management) of the Institute carried out during the period from **10/02/2024** to **10/06/2024** embodies my original work and has not formed the basis for the award of any degree, diploma associate ship, fellowship, titles in this or any other Institute or other similar institution of higher learning.

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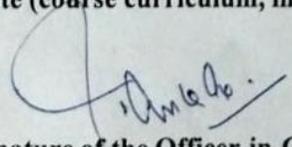
Objectives achieved: • Hospital Infection Rates has been reduced
• Hand washing practice increased

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ABSTRACT AND INTRODUCTION

Hospital-acquired infections (HAIs) represent a significant challenge to patient safety and healthcare quality worldwide. They are a significant public health concern globally, contributing to increased morbidity, mortality, and healthcare costs. They also known as nosocomial infections, are infections that patients acquire during their stay in a healthcare facility, which were neither present nor incubating at the time of admission.

Effective infection control practices are crucial in mitigating these risks and ensuring patient safety. This dissertation aims to explore the background, significance, and the current landscape of hospital infection control practices, providing a foundation for the proposed research.

METHODOLOGY

a) Study Design

1) Inclusion Criteria

- Studies published within the last 10 years to ensure relevance.
- Research articles and guidelines focused on hospital infection control practices

2) Exclusion Criteria

- Articles that do not focus on hospital settings.
- Non-research articles (e.g., opinion pieces, editorials).
- Studies with insufficient methodological details.

b) Study Area

- Hand Hygiene
- Disinfection and sterilization
- Proper use of antibiotics
- Use of personal protective equipment

RESULTS

- There has been improved infection control practices among hospital staff
- Reduction in Hospital-Acquired Infections
- Better Antibiotic Stewardship
- Enhanced Knowledge and Attitudes Among Healthcare Workers
- Cost Savings
- Proper use of personal protective equipment

DISCUSSION

This dissertation has explored the effectiveness of hospital infection control practices. It has been observed that the proper practice of hand hygiene has significantly helped in reducing the hospital acquired infections.

Antibiotic stewardship has a very much good contribution in decreasing the hospital acquired infections.

Overall, the effective integration of hand hygiene, training of healthcare workers, proper antibiotic stewardship, use of personal protective equipment, and disinfection and sterilization have contributed to a large extent for the reduction in hospital acquired infections.

CONCLUSION AND RECOMMENDATIONS

- Hospital infection control practices are pivotal in ensuring patient safety and mitigating the spread of healthcare-associated infections (HAIs).
- The integrated approach of hospital infection control practices and the teamwork of hospital staff has been significant in decreasing the hospital acquired infections.

LIMITATIONS

- There can be difficulty in having access to comprehensive infection control data from hospitals.
- Patient confidentiality can lead to limitation of detail and scope of data that can be collected and analyzed.

RECOMMENDATIONS

- There should be more emphasis on hand hygiene practice among healthcare workers.
- There should be frequent training of healthcare workers for hospital infection control practices
 - There should be review of infection control policy

REFERENCES

Smith J, Brown P. Infection Control in Healthcare. 2nd ed. New York: McGraw-Hill; 2017.

Green G, White A. Infection Prevention: Best Practices. London: Routledge; 2019.

Lee J, Kim H, Park S. Efficacy of infection control measures in reducing hospital-acquired infections. Am J Infect Control. 2018;46(5):561-567.

Miller J. Strategies for infection control. In: Davis P, editor. Advances in Infection Prevention. 3rd ed. Boston: Academic Press; 2018. p. 45-68.

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