

SYNOPSIS

Dissertation Topic

Analysing the impact of organizational and individual factors on infection control practices among nurses in tertiary care hospital

Guided By

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TITLE

Analysing the impact of organizational and individual factors on infection control practices among nurses in tertiary care hospital.

AIM OF THE STUDY

To investigate the relation between organizational structures, individual behaviours, and infection control practices among nurses in a tertiary care hospital setting.

OBJECTIVES OF THE STUDY:

1. To identify organizational and individual factors of infection control.
2. To assess the organizational factors and individual factors and level of infection control practice of nurses.
3. To analyse the relationship between organizational factors, individual factors and their impact on infection control practices.

METHODOLOGY:

Methodology for objective 1:

- To identify the organizational and individual factors affecting infection control.
- Literature review to be done to identify the organizational and individual factors that are affecting the infection control measures.
- Resource - PubMed, Google scholar.

Methodology for objective 2:

- To assess the organizational factors and individual factors and level of infection control practice of nurses.
- Self-structured questionnaire for nurses to assess their knowledge with the associating factors.
- To assess the practice check list and observation method will be used.
- Resource- structured questionnaire and checklist.

Methodology for objective 3:

- To analyse associations between knowledge of factors and their impact on infection control practices among nurses.
- Use Descriptive statistics.
- Multiple regression analysis to confirm the factors that affect the level of infection

control practices of nurses.

- Correlations between factors, and its impacts on infection control practices among nurses.

DATA COLLECTION:

- Study design: Cross- Sectional Study.
- Source of data: Structured questionnaire and check list.

ANALYSIS AND DISCUSSION:

- Pilot study to be conducted to measure the reliability and to determine the internal consistency of items, using the Cronbach's alpha coefficient
- Use Descriptive statistics for Demographics.
- Correlations between factors knowledge and its impacts on infection control practices among nurses.

CONCLUSION:

The plan of action involves doing a literature review to identify the factors affecting the infection control:

- Accessing the knowledge and attitude of those factors with practices among nurses.
- Construct a structured questionnaire to assess the knowledge and awareness.
- Conduct a pilot study to measure the reliability of questionnaire and to determine the internal consistency of items, using the Cronbach's alpha coefficient.
- Data analysis through Microsoft excel and SPSS.

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