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ENROLMENT NUMBER-1543

DISSERTATION DRAFT

Title:

COMPARATIVE ASSESSMENT OF CURRENT INCIDENT REPORTING SYSTEM
WITH THE EARLIER LEGACY SYSTEM IN A MULTI SPECIALITY HOSPITAL

Introduction:

Incident Management System is an event /condition that could have resulted or did result in harm to a patient. It can be, but is not necessarily, the result of a defective system or process design, a system breakdown, equipment failure, or human error. It is defined as reporting of any event in the process of patient care, that is inconsistent with the deserved patient outcome or routine operations of the healthcare facility.

Research Questions:

Q1. How can patient safety automation of IMS through ATHMA aims to provide a better way for patient care better than the legacy system?

Q2. What measures could improve the efficiency of IMS in a multi-speciality hospital?

Objectives:

- To compare the existing process flow efficiency of IMS with the previous system.
- To suggest the measures and to enhance & optimize the automation of IMS in a multi-speciality hospital
- To understand the IMS process flow.

Materials and Methods:

Study Design:

This research will use a mixed-methods approach, combining qualitative and quantitative techniques.

Settings:

The study will be conducted in Narayana Health City, Bangalore.

Study Population:

Doctors, Nurses, Hospital staff, and other relevant stakeholders involved in Narayana Health city.

Duration of Study:

The study will be conducted over three months, from [1-04-2024] to [30-06-2024].

Sample Size:

Purposive sampling will determine the sample size.

Sampling Technique:

Narayana Health City, Bangalore will be selected based on their geographical location and size.

Data Collection Procedure:

1. Surveys/questionnaires administered to Incidents related to patients.
2. Interviews with key stakeholders involved in Incidents.

3. Analysis of historical incidents data

Ethical Considerations:

- Confidentiality and anonymity will be maintained.
- The research will adhere to ethical guidelines and regulations.

Implications of Research:

This study will offer insights into how incident management can improve safety, improve care processes, change the way patient, carers, families and the workforce think about risk and raise awareness of good practice. A well-designed incident management system will assist patients, carers, families and the workplace to identify, report, manage & learn from incidents.