

RAGINI DOD

ENROLMENT NUMBER-1576

DISSERTATION DRAFT

Title:

To enhance Nursing Workflow: Assessing Challenges and Improvisation with the NAMAH

Introduction:

Nursing Automation and Medical Administration Hub (NAMAH) app, a mobile application designed to streamline and optimize documentation processes for the nursing staff at Narayana Health. In response to the formidable challenge of documentation workload faced by nurses, the NAMAH app offers a comprehensive solution aimed at enhancing efficiency and reducing burnout risks by providing paperless vitals recording, nurses can effortlessly input and access patient data, including previous medical history, laboratory reports, radiology scans, and medication details, all within a centralized digital platform. Moreover, the app facilitates various assessments such as pain assessment, skin assessment, and cardiovascular assessment, ensuring thorough documentation without added administrative burdens.

Research Questions:

Q1. How user friendly is the NAMAH application perceived to be by nurses at Narayana Health?

Q2. What are the challenges faced by nurses and what are the improvisations that can be done to overcome the limitations.

Objectives:

To understand the challenges face by the nurses and how namah is contributing to overcome these challenges

To identify the existing gaps in Namah's functionality and workflow from the users perspective.

Materials and Methods:**Study Design:**

Cross- sectional study

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. Structured questionnaires, interview, and survey.
2. Interviews with nurses and other staff
3. Analysis of overall 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 Nursing Automation and Medical Administration Hub (NAMAHA) app presents a comprehensive solution to streamline documentation processes, enhance efficiency, and reduce burnout risks among nurses. By providing a digital platform for recording vital patient information, facilitating communication between healthcare professionals, and optimizing task management, the NAMAHA app aims to alleviate the burden on nurses and promote a sustainable work environment conducive to delivering exemplary cardiac care.